Environmental Assessment

Department of Commerce

National Telecommunications and Information Administration

April 28, 2026

Meriadoc (US-GA-5748) – Proposed 255-Foot-Tall Self-Support Telecommunications Structure – Middle Mile Grant Award # 08-40-MM228 – EAXX-006-60-11D-1777291821

Ben Davis Road
Buchanan, Haralson County, Georgia
Latitude: N 33° 51’ 30.7" Longitude: W 85° 7’ 21.8"

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1.0 Executive Summary

The Towers, LLC is utilizing Middle Mile Grant Program funding provided by the National Telecommunications and Information Administration (NTIA) for the construction of a proposed 255-foot-tall overall height self-support telecommunications structure within Haralson County, Georgia. The Proposed Action is being completed as part of a larger initiative to improve communications infrastructure within the State of Georgia.

The proposed tower facility would support wireless antennas and associated equipment necessary to provide wireless voice and data communications. The Proposed Action is needed to provide service in-fill where current wireless coverage is weak, and without the Proposed Action, coverage is likely to get worse as demand in the areas of weak service is anticipated to increase. The Proposed Action would improve access to reliable and modern wireless communications capabilities for surrounding areas of Haralson County, Georgia in the vicinity of the Proposed Action site and allow users to continue to have reliable service over the long term. Benefits to the population would include, but are not limited to, improved communications infrastructure, increased educational and economic opportunities, and better access to healthcare services, including telehealth services.

The Proposed Action includes a proposed 255-foot-tall self-support telecommunications structure and associated ground-level equipment that would be constructed within a proposed 75-foot by 75-foot fenced compound which would be situated within a 100-foot by 100-foot proposed lease area. An existing fenceline within the proposed lease area will be removed. The proposed facility would include an approximately 180-foot-long by 30-foot-wide access/utility easement. A proposed approximately 235-foot-long by 12-foot-wide gravel access drive would be installed extending from the proposed fenced compound within the proposed lease area through the proposed access/utility easement to Ben Davis Road, connected via a proposed apron within the right-of-way. A proposed 50-foot-long by 12-foot-wide gravel turn-around would be constructed adjacent to the western edge of the fenced compound area within the lease area. Ground level equipment within the compound would include a proposed 25-foot-long by 20-foot-wide Verizon equipment lease area, an equipment pad, utility H-frame, an approximately 15-foot-long ice bridge, and a 50kW backup diesel generator. The proposed generator would be placed on a concrete slab. Underground fiber would be installed in two two-inch conduits within the lease area from the fiber junction box within the Verizon lease area south-southeast, west-southwest, and south-southeast to two proposed handholes located within the proposed turnaround area; then west-southwest and north-northwest to two handholes located where the proposed access/utility easement meets with the Ben Davis Road right-of-way (ROW) over a distance of approximately 200 feet. Underground power would follow the same route as the fiber from the Verizon lease area along the proposed access/utility easement to the intersection of the access and utility easement and Ben Davis Road. The power route will then continue west-southwest and southwest along the south side of the Ben Davis Road ROW where it will connect at a meet point that will be coordinated with the local utility company approximately 80 feet west of where the access/utility easement meets the ROW.

In addition, to manage stormwater runoff, The Towers, LLC proposes a silt fence barrier around the east and south sides of the lease area and the western and eastern sides of the access/utility easement. Proposed grading will also be required along the access/utility easement and around the fenced

compound as the project area slopes to the south. For purposes of the Environmental Assessment documentation, the footprint of the Proposed Action includes the entire lease area, the access/utility easement, the proposed apron, and additional grading. In total, the Proposed Action area would total approximately 20,735 square feet (0.48 acres).

Throughout the planning process, special care was taken to select site locations that were deemed to have a low likelihood to result in adverse impacts to the natural or human environment. Adverse impacts on all resources were determined to be less than significant.

The Proposed Action is subject to the National Environmental Policy Act (NEPA) codified at 42 U.S.C. 4321, et seq.; this Environmental Assessment is prepared in accordance with NEPA requirements.

2.0 Purpose and Need

Purpose

The purpose of the Proposed Action is to improve and enhance reliable wireless voice and data communications in surrounding areas of Haralson County, Georgia. The enhanced capabilities and reliability of voice and data communications resulting from the proposed action would provide additional economic and educational opportunities and access to previously inaccessible telehealth services for the surrounding communities.

Need

Rural areas are consistently underserved communities as it relates to access to fiber and broadband communications infrastructure, which at one time was considered a luxury, but is now a basic utility for households and businesses. While improvements to communications technologies continue to evolve and improve, rural communities are geographically isolated with low population density, resulting in a lack of necessary investment in communications infrastructure. Further, the use of alternative means of such communication (such as satellite internet access) is prohibitively expensive for members of these communities. The lack of investment in such infrastructure results in disparities in education, economic opportunities, health, and overall quality of life for current and future members of these communities.

Current wireless coverage in areas surrounding the Proposed Action is weak, and without the Proposed Action, coverage is likely to get worse as demand in the areas of currently weak service is anticipated to increase. The Proposed Action would improve access to reliable and modern wireless communications capabilities for surrounding areas of Haralson County, Georgia in the vicinity of the Proposed Action site and provide much improved coverage to users in the area over the long term. Benefits to the population would include, but are not limited to, improved communications infrastructure, increased educational and economic opportunities, and better access to healthcare services, including telehealth services.

The specific search ring used to identify a suitable site for a proposed communications facility to meet the needs discussed above is an approximately 0.5-mile radius as shown in Figure 2-1 below. Using radio frequency propagation tools and engineering methods, radio frequency engineers concluded that addressing coverage gaps in the surrounding areas would require a tower height of no less than 200 feet. The heat maps included in Figures 2-2 and 2-3 below show the existing coverage and anticipated coverage that would be provided by the proposed action. As shown in Figure 2-3, wireless coverage would be improved within areas where wireless coverage is currently weak.

Figure 2-1 Search Ring

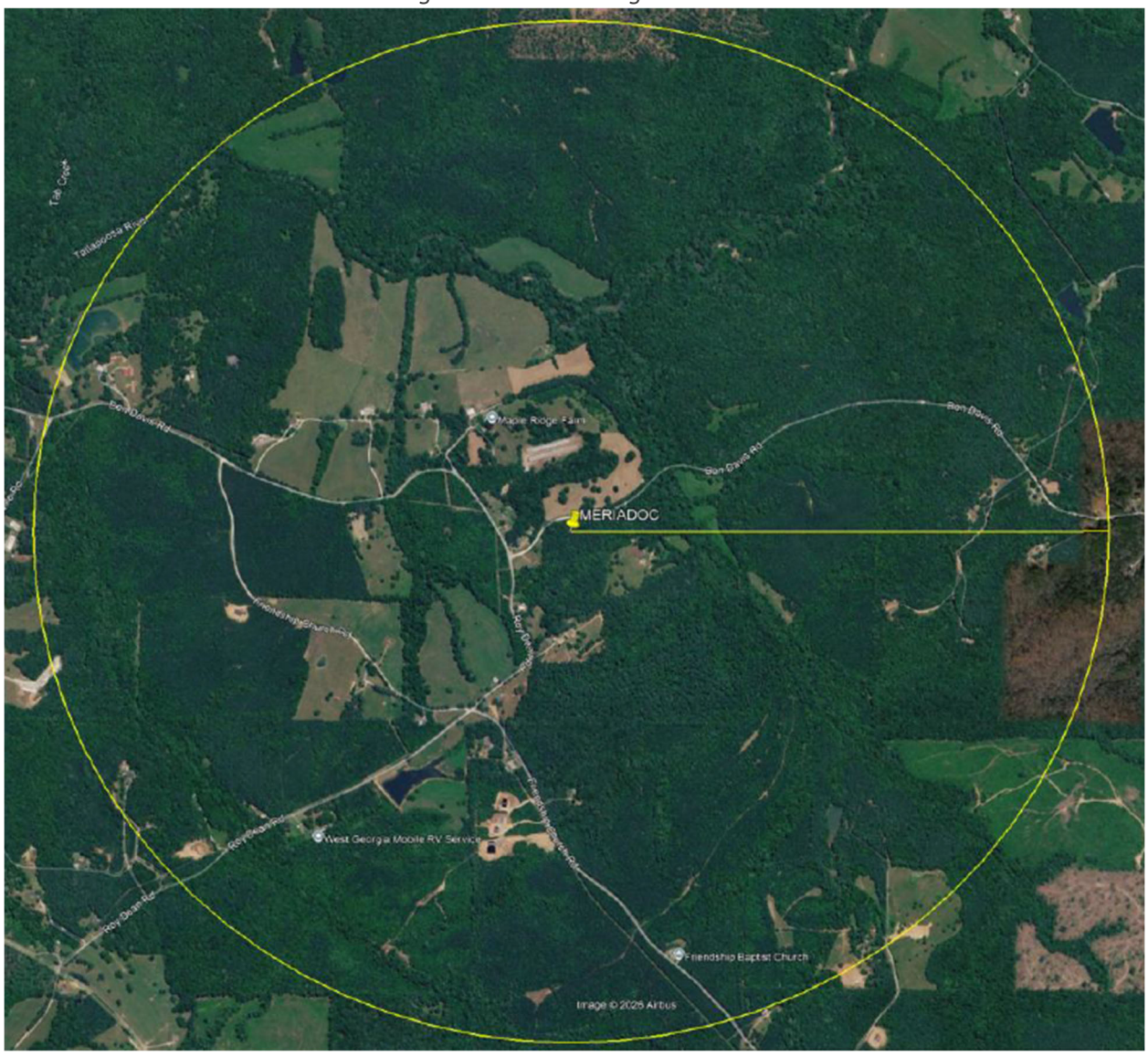
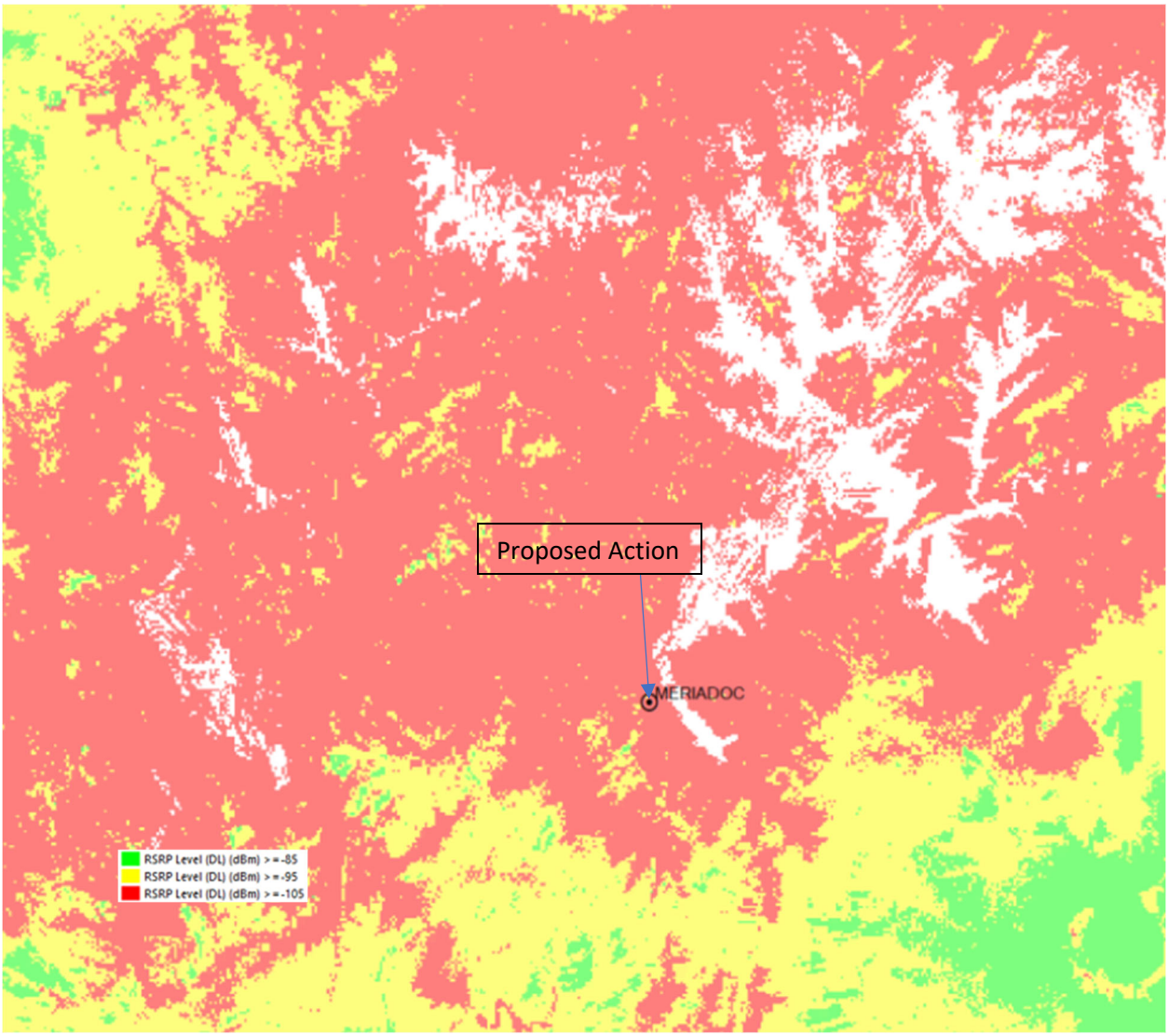
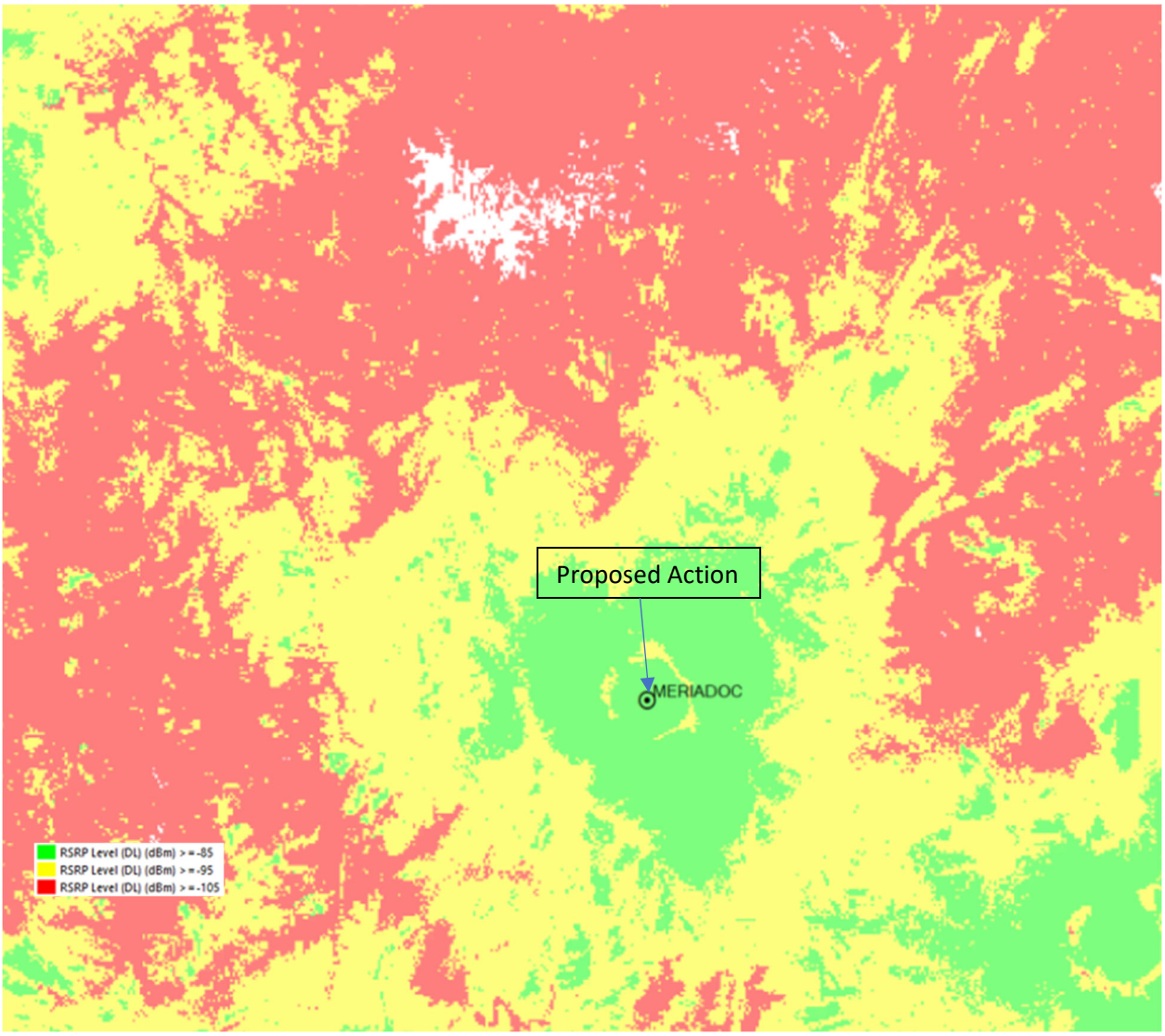


Figure 2-2 Existing Heat Coverage Map



RSRP – Reference Signal Received Power in which >=-85 dBm is considered excellent and -85 to -95 dBm is considered good.

Figure 2-3 Proposed Heat Coverage Map



RSRP – Reference Signal Received Power in which >=-85 dBm is considered excellent and -85 to -95 dBm is considered good.

3.0 Description of Proposed Action and Alternatives

3.1 Introduction

NEPA requires that the NTIA evaluate both the Proposed Action as well as reasonable alternatives that would also accomplish the purpose and need of the Proposed Action. At minimum, a No Action Alternative must be considered as part of the Alternatives Analysis.

3.2 Proposed Action

The Proposed Action includes a proposed 255-foot-tall self-support telecommunications structure and associated ground-level equipment that would be constructed within a proposed 75-foot by 75-foot fenced compound which would be situated within a 100-foot by 100-foot proposed lease area. An existing fenceline within the proposed lease area will be removed. The proposed facility would include an approximately 180-foot-long by 30-foot-wide gravel access/utility easement. A proposed approximately 235-foot-long by 12-foot-wide gravel access drive would be installed extending from the proposed fenced compound within the proposed lease area through the proposed access/utility easement to Ben Davis Road, connected via a proposed apron within the right-of-way. A proposed 50-foot-long by 12-foot-wide gravel turn-around would be constructed adjacent to the western edge of the fenced compound area within the lease area. Ground level equipment within the compound would include a proposed 25-foot-long by 20-foot-wide Verizon equipment lease area, an equipment pad, utility H-frame, an approximately 15-foot-long ice bridge, and a 50kW backup diesel generator. The proposed generator would be placed on a concrete slab. Underground fiber would be installed in two two-inch conduits within the lease area from the fiber junction box within the Verizon lease area south-southeast, west-southwest, and south-southeast to two proposed handholes located within the proposed turnaround area; then west-southwest and north-northwest to two handholes located where the proposed access/utility easement meets with the Ben Davis Road right-of-way (ROW) over a distance of approximately 200 feet. Underground power would follow the same route as the fiber from the Verizon lease area along the proposed access/utility easement to the intersection of the access and utility easement and Ben Davis Road. The power route will then continue west-southwest and southwest along the south side of the Ben Davis Road ROW where it will connect at a meet point that will be coordinated with the local utility company approximately 80 feet west of where the access/utility easement meets the ROW.

In addition, to manage stormwater runoff, The Towers, LLC proposes a silt fence barrier around the east and south sides of the lease area and the western and eastern sides of the access/utility easement. Grading is also proposed along the access/utility easement and around the fenced compound as the project area slopes to the south. For purposes of the Environmental Assessment documentation, the footprint of the Proposed Action includes the entire lease area, the access/utility easement, the proposed apron, and additional grading. In total, the Proposed Action area would total approximately 20,735 square feet (0.48 acres). Tree clearing will be required within the project area. Site Plans are provided in Figures 3-2 and 3-3 below and in Appendix A.

Construction work for the Proposed Action would begin with the project areas being cleared and graded as necessary using a mini-excavator / skid steer and three approximately 4-foot-diameter caissons being drilled at the proposed tower base to a depth of approximately 30 feet below ground surface. Proposed silt fencing would also be installed during this initial phase. Additional excavation activities would include preparation for tower grounding and fiber and power vaults and associated

conduits. The standard workday for this project is expected to last from 7am to 7pm. The skid steer is expected to be required for three workdays, the excavator is expected to be required for three workdays, and the drill rig is expected to be required for five workdays.

Following initial civil work, concrete would be poured for the tower foundation and generator and equipment pads in the tower compound. Following curing, concrete inspection and strength testing would be completed.

Once concrete inspections and strength testing are completed, a crane would be utilized to assemble the proposed lattice tower. The crane would be staged within the proposed project area and would be required for less than one week. Crane height is anticipated to be approximately 285 feet. The ice bridge, antennas and cables, vaults and conduits, the generator, and the grounding systems would then be installed, followed by backfill and compaction activities. Following completion of equipment installation and power and fiber connection, power up and testing activities would be completed. Installation of gravel and landscaping (as necessary), barbed-wire fencing, security hardware, and site signage would mark the completion of construction at the Proposed Action site. In total, construction activities are anticipated to last approximately 60 days and are expected to begin in Summer 2026.

The site location and additional site-specific design details are depicted below. Site maps, plans, and photographs are also provided in Appendix A.

Figure 3-1 Aerial Photograph



Figure 3-2 Site Plan with Power and Fiber Utilities

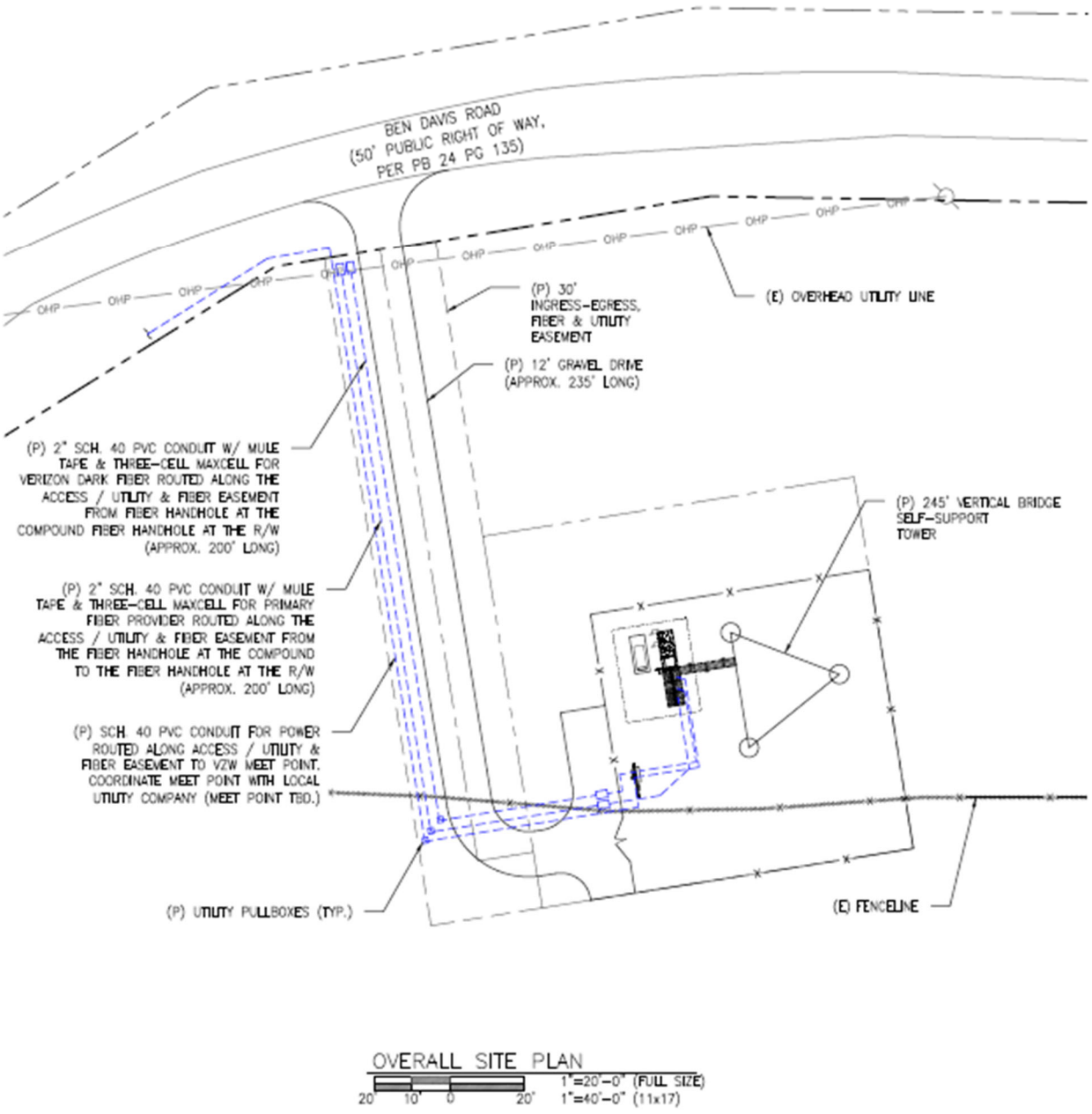
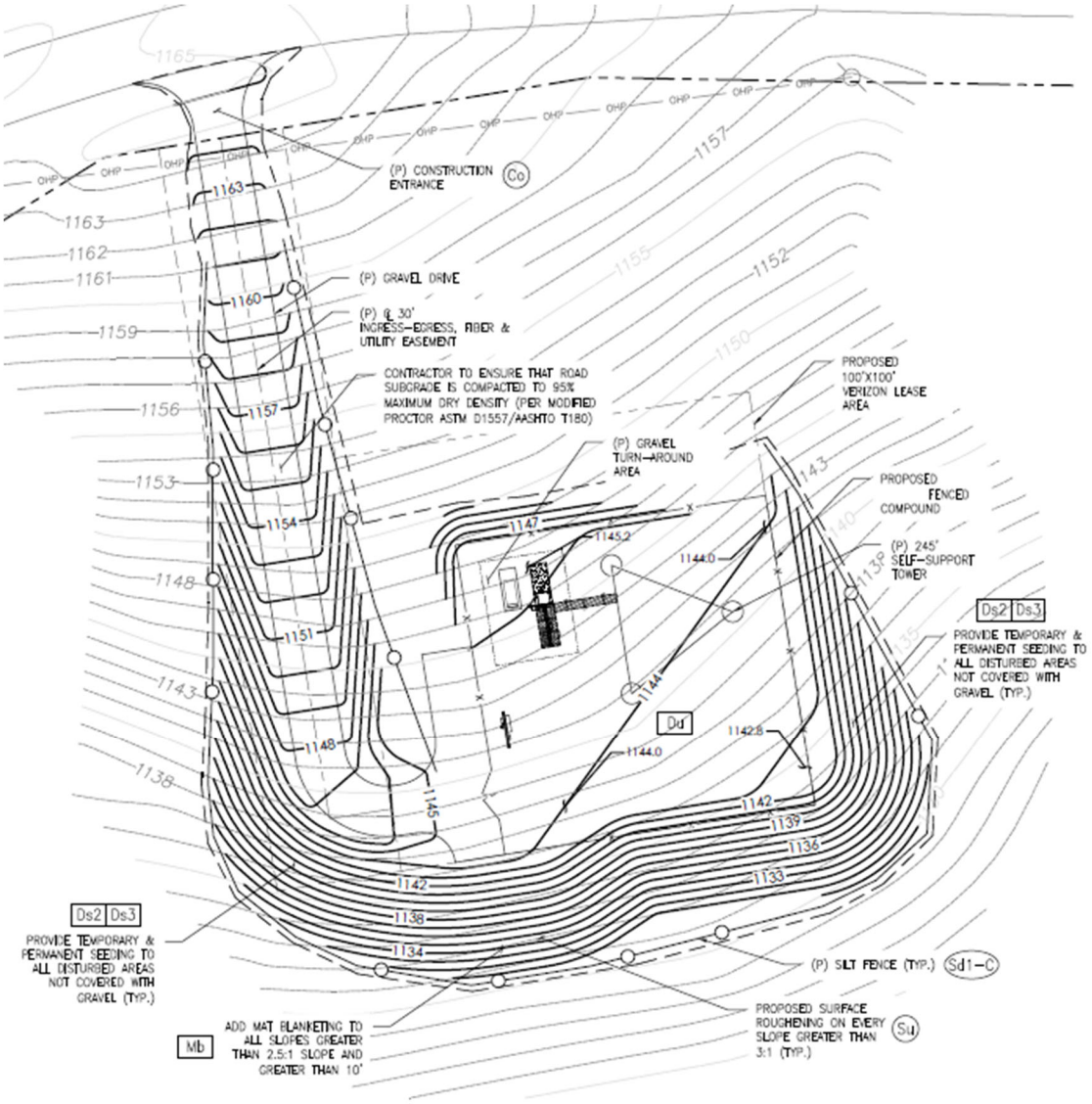


Figure 3-3 Site Plan with Grading and Erosion Controls



3.3 No Action Alternative

The "No Action" Alternative, which must be assessed in accordance with federal NEPA regulations, assumes no federal funding is provided by the Middle Mile Grant Program for the construction of the wireless telecommunications facility. The existing communications infrastructure in areas surrounding the Proposed Action would continue to operate in their current capacity with no changes to communications capabilities for the surrounding communities and would provide no relief to the unserved or underserved rural communities.

Benefits of the No Action Alternative would include avoiding any potential impacts to the Proposed Action area location as a result of construction activities for the new tower facility (such as the generation of emissions of particulate matter, noise, and solid waste, or impacts to any cultural or

biological resources) as well as any potential impacts to aesthetics in the area surrounding the Proposed Action area.

3.4 Alternatives

Based on the purpose and need of the Proposed Action, a total of three alternatives were considered during the EA Process:

1. Proposed Action Alternative: Construction, operation, and maintenance of the Proposed Action to best satisfy the carrier's coverage objective within the search ring.
2. Other Tower Locations: Two other site locations within the search ring were considered. The first alternative location considered was located at 33.859169°N, 85.1301917°W, approximately 2,300 feet west of the Proposed Action location. The second alternative location considered was located at 33.857083°N, 85.132856°W, approximately 3,100 feet southwest of the Proposed Action location.
3. No Action Alternative: The Proposed Action would not be constructed, and residents in the surrounding area would remain underserved in regard to voice and data communications.

While all three alternatives were considered, only the Proposed Action Alternative and the No Action Alternative are being carried forward for analysis in this EA. The "Other Tower Locations" alternative is further discussed below in Section 3.5, Alternatives Considered but Eliminated from Further Discussion.

3.5 Alternatives Considered but Eliminated from Further Discussion

The Other Tower Locations that were considered but eliminated from further discussion included a site located approximately 2,300 feet west of the Proposed Action location and a site located approximately 3,100 feet southwest of the Proposed Action location. Both Other Tower Location alternatives are located within similarly wooded areas and would not provide any benefits from an environmental impact or wireless coverage standpoint. Both Other Tower Locations identified were determined to provide less favorable conditions from construction and wireless coverage standpoints.

4.0 Description of the Affected Environment

4.1 Noise

Noise can be broken into two groups, ambient and anthropogenic. Ambient noise tends to originate from natural sources such as wind and wildlife. Ambient noise levels in and around the general Proposed Action are primarily low and limited due to the rural nature of the project area. Anthropogenic noise levels around the Proposed Action originate from adjacent roadways and rural residential developments. Data from the Georgia Department of Transportation's Traffic Analysis and Data Application estimates an Annual Average Daily Traffic count of 30 vehicles along Ben Davis Road in 2024 (GDOT 2026). The typical sound level of road traffic from approximately 50 feet away is about 85 A-weighted decibels (dBA) (Center for Environmental Excellence 2025). The Proposed Action Area is zoned as Agricultural/Forest (Haralson County Joint Comprehensive Plan 2017-2027). According to the Haralson County Ordinances, there is no applicable sound ordinance for this zoning category. Residential development in the immediate area surrounding the project is very low density. Numerous residences which may be considered sensitive receptors are located within 0.5 miles of the Proposed Action. The nearest residence is approximately 350 feet west of the Proposed Action.

This resource fronts Ben Davis Road and would experience similar anthropogenic noise levels from typical roadway traffic. In addition, there are no parks, preserves, or other sensitive receptors within 0.5 miles of the project site.

4.2 Air Quality

Under the Clean Air Act (CAA), the US Environmental Protection Agency (USEPA) establishes National Ambient Air Quality Standards (NAAQS) to protect public health and welfare (see 40 CFR 50). The CAA requires states to regulate air pollution emission sources to meet and maintain NAAQS, which establish maximum acceptable concentrations for criteria pollutants, including nitrogen dioxide (NO2), carbon monoxide (CO), sulfur dioxide (SO2), particulate matter with an aerodynamic diameter of 10 microns or less (PM10), particulate matter with an aerodynamic diameter of 2.5 microns or less (PM2.5), ozone (O3), and lead. According to the Georgia Environmental Protection Division (GEPD) Air Protection Branch, the state implementation plan strategy for NO2, CO, SO2, PM10, PM2.5, O3, and lead meet the national ambient air quality standards (GEPD 2025). In addition, no applicable permits are required for stationary or operational equipment, including the proposed diesel generator.

The Proposed Action site is located in an attainment area for the above listed criteria pollutants (EPA Nonattainment and Maintenance Area Dashboard, see Appendix B).

4.3 Geology and Soils

Geologically, the Proposed Action site lies within Georgia's Piedmont region near Buchanan, where rolling hills are underlain by metamorphic and igneous rocks such as granite, gneiss, and schist. Soils in this area are well-drained red and brown clay loams formed through the long-term weathering of these bedrocks (USGS 2024).

The Proposed Action site is located within the Southern Inner Piedmont ecoregion. This region is characterized primarily by hills, tableland and isolated mountains. Oak-hickory-pine forests historically covered most of the region. Today, the region consists mostly of forests, pastureland and cropland (bplant.org/region/636). According to the USDA Web Soil Survey (Appendix C), soils located within the Proposed Action site consist of Tallapoosa (TiE2) gravelly fine sandy loam, 15 to 25 percent slopes. Tallapoosa is classified as "Not prime farmland." Additionally, the Proposed Action site was not identified on the Protected Agricultural Lands Database (see Appendix C). A geotechnical report has not been completed for the Proposed Action.

4.4 Water Resources

Surface Water

According to the NTIA Permitting and Environmental Information Application tool, the Proposed Action site is not located within or near surface waters. The nearest mapped feature is a tributary of the Tallapoosa River located approximately 1,000 feet to the northeast. Additionally, the U.S. Fish and Wildlife Service's (USFWS) National Wetlands Inventory indicated no wetlands within or in the immediate vicinity of the footprint of the Proposed Action site (Appendix D).

Groundwater

According to the U.S. Environmental Protection Agency (EPA), the Proposed Action site is not located near a Sole Source Aquifer (USEPA Map of Sole Source Aquifer Locations, 2026). Based on a review

of U.S. Geological Survey (USGS) National Water Information System data, depth to regional groundwater at the Proposed Action area is unknown. Further, no historic regional groundwater data was available within the vicinity of the Proposed Action area.

Coastal Zone, Estuary and Inter-tidal Areas

The Proposed Action site is not located within or near coastal zones, estuaries, or inter-tidal areas (USFWS Coastal Barrier Resource System 2024, Georgia Coastal Area Management Program 2025).

Floodplains

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Panel 13143C0180B dated September 26, 2008, the Proposed Action area would not be located within a Special Flood Hazard Area of the 100-year floodplain (Appendix D).

Wild and Scenic Rivers

According to the National Wild and Scenic Rivers System, the Proposed Action site is not located within or adjacent to a Wild and Scenic River corridor (National Wild and Scenic Rivers System 2025). The nearest Wild and Scenic River is Chattooga River, located approximately 120 miles northeast of the Proposed Action site (Appendix D).

4.5 Biological Resources

Threatened and Endangered Species

The Endangered Species Act (ESA) requires that federal agencies, in consultation with the U.S. Fish and Wildlife Service (USFWS), must ensure that projects they fund, authorize, or carry out are not likely jeopardize the continued existence of listed species nor result in the destruction or adverse modification of designated critical habitat of such species. The law also prohibits any action that causes a "taking" of any species listed under the ESA.

Georgia Wildlife Resources Division (GWRD) regulates state-listed threatened and endangered animal species. The capture, trap, take, or killing of state-listed threatened and endangered animal species is unlawful unless expressly authorized under a permit issued by the USFWS or GWRD.

The proposed action area is occupied by wooded land consisting primarily of young and intermediate-aged hardwoods. Adjoining areas consist primarily of similar forest in all directions. Wildlife utilization is expected to be minimal but may consist of transient typical wildlife species of the area including songbirds, deer, racoons, opossums, squirrels, snakes, and lizards.

An Official Species List generated from the US Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) tool was reviewed for federally listed and proposed threatened and endangered species that may be present at the Proposed Action site. Further, The GWRD natural heritage database was reviewed for state and federally listed and proposed species that have been documented by GWRD as occurring in Haralson County. A list of these species is provided in Table 4-1 below. Further discussion of specific habitat generally occupied by the identified species is included in Section 5.5 and within the Natural Resources Site Evaluation prepared for the Proposed Action site and included in Appendix E. As no aquatic habitat is present within or near the Proposed Action site,

federal and state listed and proposed aquatic species were excluded from Table 4-1 and from further analysis in Section 5.5.

Table 4-1: Federally and State Endangered or Threatened Species

Common Name	Scientific Name	Federal Status (IPaC)	State Status
Gray bat	*Myotis grisescens*	Endangered	-
Northern long-eared bat	*Myotis septentrionalis*	Endangered	-
Whooping crane	*Grus americana*	Experimental Population, Non-Essential	-
Monarch butterfly	*Danaus plexippus*	Proposed Threatened	-
Georgia rockcress	*Arabis georgiana*	Threatened	-

Critical or Threatened / Endangered Habitat

The Proposed Action site is located within the Southern Inner Piedmont ecoregion. This region is characterized primarily by hills, tableland and isolated mountains. Oak-hickory-pine forests historically covered most of the region. Today, the region contains mostly forests, pastureland and cropland (bplant.org/region/636).

According to the USFWS Critical Habitat Mapper and the IPaC Official Species List reviewed, no designated or proposed critical habitat is located within the vicinity of the Proposed Action site.

Migratory Birds, Eagles, and Their Habitat

Executive Order 13186 requires Federal agencies to work with the USFWS to provide protection for migratory birds. These species are protected under the 1918 Migratory Bird Treaty Act (MBTA) (16 USC 703), which prohibits the taking of any migratory birds, their parts, nests, or eggs.

Eagles are protected by the MBTA and the Bald and Golden Eagle Protection Act (BGEPA). This law, originally passed in 1940, provides for the protection of the bald eagle and the golden eagle (as amended in 1962) by prohibiting the take, possession, sale, purchase, barter, offer to sell, purchase or barter, transport, export or import, of any bald or golden eagle, alive or dead, including any part, nest, or egg, unless allowed by permit (16 U.S.C. 668(a); 50 CFR 22). "Take" includes pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, molest, or disturb (16 U.S.C. 668c; 50 CFR 22.3).

A list of Migratory Birds identified by IPaC can be found Appendix E. The Proposed Action site is not located within a Principal Route of a North American Migratory Bird Flyway nor is the Proposed Action site located in proximity to a major migratory bird attractant (waterway, wetlands, coastline, ridgeline). Based on the successional and herbaceous nature of the Proposed Action site, it is anticipated that the site would provide less than optimal habitat for migratory birds.

Breeding territories for bald eagles in Georgia are located mostly along rivers and near reservoirs with large, tall (40- to 120-foot) trees for nesting and roosting. Nests are usually located within one mile of water, such as lakes, reservoirs, creeks, or rivers, and are often located in the ecotone between forest and water. The Proposed Action site is surrounded primarily by wooded land. The nearest large body of water is approximately three miles to the southwest (Lake Olympia). Based on a review of data available through iNaturalist.org and ebird.org data, the nearest eagle observation

is approximately 12 miles to the southeast of the Proposed Action area (iNaturalist.org 2025, eBird.org 2025).

Wetlands Habitat

The Proposed Action site does not include areas that would provide wetlands habitat for protected species or other wetland-dependent species.

4.6 Historic and Cultural Resources

Archaeological and Architectural Resources

In July of 2020, the Advisory Council on Historic Preservation (ACHP) approved amendments to the *Program Comment to Avoid Duplicative Reviews for the Wireless Communications Facilities Construction and Modification*. This Program Comment allows select agencies, including NTIA, to rely on existing Federal Communications Commission (FCC) Section 106 procedures for those undertakings also subject to *Section 106* review under the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the FCC* (FCC Nationwide PA) and the *Nationwide Programmatic Agreement for the Collocation of Wireless Antennas*, as amended (FCC Collocation PA).

A Phase I Cultural Resources Survey was originally conducted in June 2020 to the Georgia Historic Preservation Division (HPD) state guidelines and the FCC Nationwide PA for the Proposed Action site for the purpose of identifying and addressing potential impacts to historic and cultural resources that may be located within the areas of potential effects (APEs) for the Proposed Action. Following changes to the proposed tower structure height and design, addendum letters were sent out to HPD and Tribes in 2021, 2024, and 2025. Cultural records and databases were reviewed and identified no cultural resources and no surveys within the APE for direct effects. No Historic Properties that are listed in or eligible for listing in the National Register of Historic Places (NRHP) were identified within the ¾-mile APE for visual effects. The Phase I survey did not uncover cultural resources within the APE for direct effects.

Native American Traditional, Cultural or Religious Resources

Twelve federally recognized Tribes were identified that may attach religious and cultural significance to historic properties within the area of the Proposed Action site. Each interested Tribe received initial notification from the Tower Construction Notification System (TCNS) system on June 19, 2020. Following changes to the tower design, a new TCNS entry was filed under TCNS number 231366 on May 14, 2021. All Tribal responses and requests for information were met as shown in the Appendix F table “Tribal Summary Table.” Further discussion of Tribal consultation efforts is provided in Section 5.6.

4.7 Aesthetic and Visual Resources

The Proposed Action site is located within wooded land. The surrounding area is generally characterized by wooded and agricultural land and rural residential and agricultural-related development. Utilizing the ¾-mile Area of Potential Effects for Historic Resources, there were no sensitive visual receptors identified.

A review of the Georgia's Natural, Archaeological, and Historic Resources GIS (GNAHRGIS) mapper, the National Map Viewer, the National Park Service Map Finder, the National Scenic and National Historic Trail Webmap, and Google Earth indicated no recreational areas, natural features, notable architectural features, designated wilderness or wilderness study areas, national scenic or historic trails, or national or state parks are located within the vicinity of the Proposed Action site (Appendix A).

4.8 Land Use

Based on site visits completed in 2020 and 2021 and a review of aerial photography (1993-2023), the Proposed Action site consists of an area that has been wooded land since at least 1993. The Proposed Action site is zoned as Agricultural/Forest (Haralson County Joint Comprehensive Plan 2017-2027) and is not currently developed. Surrounding land use for the site is characterized by wooded and agricultural land and rural residential and agricultural-related development.

4.9 Infrastructure

Infrastructure within proximity to the Proposed Action site generally consists of a public road (Ben Davis Road) from which access to the proposed facility would be provided. No additional infrastructure, such as power, water, or communications are located within the footprint of the Proposed Action site, though the potential exists for buried utilities along the Ben Davis Road right-of-way. Underground fiber would be installed in two two-inch conduits within the lease area from the fiber junction box within the Verizon lease area to two proposed handholes located within the proposed turnaround area, and then to two handholes located where the proposed access/utility easement meets with the Ben Davis Road right-of-way (ROW). Underground power would follow the same route from the Verizon lease area along the proposed access/utility easement to the intersection of the access/utility easement and Ben Davis Road, and then into the Ben Davis Road ROW traveling west-southwest and southwest along the southern side of Ben Davis Road where it will connect at a meet point that will be coordinated with the local utility company approximately 80 feet west of where the access/utility easement meets the ROW. Any existing buried utilities within the Ben Davis Road right-of-way would be identified prior to construction via the state 811 program as discussed below in Section 5.11.

4.10 Human Health and Safety

The Proposed Action site is currently wooded land adjacent to Ben Davis Road. The current operations at the Proposed Action site present no concerns to human health and safety. No hazardous waste sites or registered USTs were identified within the immediate vicinity of the Proposed Action (EPA Enviromapper 2025, EPA UST Finder 2025, ADEM 2025, see Appendix B).

Utilities servicing the tower would be buried along the access/utility easement and within the Ben Davis Road ROW. Buried utilities would be marked with tracer lines, warning tape, and contained within conduit. Federal regulatory requirements addressing worker safety, protection, and health are administered and enforced by the Occupational Safety and Health Administration (OSHA). OSHA establishes worker protection standards that must be followed to prevent and minimize potential safety and health risks. Georgia is not a state with an approved OSHA state plan, meaning federal OSHA regulations apply directly within the state. During construction, OSHA safety standards will be enforced for contractors and their employees. Following construction, there would be no threats to human health and safety from either the tower or the broadband equipment. The tower site will be fenced, secured with a lock, and posted with "NO TRESPASSING" signs to prevent unauthorized

access to the tower. Climbing pegs will be removed from the tower below 10 ft. The installation of broadband infrastructure will have a positive impact on the health of residents in the community since they will be able to access telehealth services. Electromagnetic energy emitted by antennas will be below the FCC's permissible exposure limits, as required (See Section 5.10 below for additional information).

5.0 Analysis of Environmental Impacts

5.1 Noise

The Proposed Action would result in a negligible and temporary increase in anthropogenic noise levels during construction and installation activities. Anthropogenic noise sources have the highest potential to generate noise pollution and are further described below with the specified noise levels for such sources per the Federal Highway Administration Construction Noise Handbook ([FHWA] 2017).

Potential anthropogenic noise from the construction of the Proposed Action could include the following temporary noise:

• Mobile equipment (i.e., equipment that operates in a cyclic fashion in which a period of full power is followed by a period of reduced power), including earth moving equipment such as an excavator (85 a-weighted decibels [dBA]), a crane (85 dBA), a skid steer (80dBA) a trencher or other equipment greater than 5 horsepower (85 dBA), haul or dump trucks (84 dBA), a concrete mixer truck (85 dBA), and passenger vehicles such as pickup trucks (55 dBA).

Anthropogenic potential noise from the operations of the Proposed Action could include the following:

• Stationary equipment (i.e., equipment that generates noise from one general area), including a backup generator (65 dBA with Sound Attenuated Enclosure).

• Mobile equipment including passenger vehicles such as pickup trucks (55 dBA).

No impact equipment (i.e., equipment that generates impulsive noise) is expected.

Construction activities would take place five days per week only during daytime hours. Following construction, increases in anthropogenic noise levels would also be negligible and would result from occasional and temporary noise associated with the operation of the backup generator in the event of a power outage at the project location. A 50kW backup generator is proposed which runs a monthly self-test lasting approximately 30 minutes. The test runs at a lower, quieter RPM (65dBA) to ensure the system is running properly while consuming less fuel. The generator is expected to produce 81 dBA during maximum operating load. Additionally, technicians would visit the site once per month on average for standard maintenance. In the case of emergencies or the need to service or replace equipment, more frequent visits would be required, although the increased frequency would be temporary and insignificant in nature. The decibel level of the generator at maximum operating load would be considered high if a sensitive receptor were in the immediate vicinity of the generator and were to experience prolonged exposure. The nearest sensitive receptor is a residence located approximately 350 feet west of the Proposed Action fronting Ben Davis Road. Based on distance, noise associated with the project is not anticipated to be perceptible from this residence.

Therefore, no appreciable level of sustained increased noise is anticipated to affect sensitive receptors either during construction or the operation and maintenance of the Proposed Action.

A No Action Alternative would not result in a change in noise levels at the Proposed Action site and would therefore have no adverse noise impacts.

5.2 Air Quality

The Proposed Action would result in a negligible and temporary increase in air emissions at and near the Proposed Action site during construction and installation activities as a result of equipment operation and ground disturbing activities. Both equipment operation and ground disturbing activities would be temporary and would occur during the 60 days of anticipated construction at the Proposed Action site. During construction, emissions from the excavator, skid steer, and crane would occur only for a few days and are anticipated to be minimal in the context of State of Georgia air quality standards, which are consistent with the Primary and Secondary National Ambient Air Quality Standards. During operations, air emissions may occur periodically in association with operation of the proposed back-up diesel generator. Further, considering that the Proposed Action is located within an air quality attainment area, there are no specific non-attainment or maintenance area restrictions associated with air emissions at the Proposed Action location. Only generator engines meeting current EPA air quality standards would be utilized. No air quality permits are required for construction or operation of the Proposed Action, including the proposed diesel back-up generator (GEPD 2025). Once construction is complete, a minor source of air pollution will be the occasional use of the back-up generator for monthly 30-minute self-testing and during power outages.

In order to minimize the generation of airborne particulate (dust) emissions as a result of ground disturbance, best management practices (BMPs) (e.g. wetting and stabilizing exposed soils, minimizing exposed soils, and minimizing traffic across unpaved areas) would be implemented. Further, development activities would be subject to both state and local air quality regulations in accordance with the Ambient Air Quality Standards for Georgia.

A No Action Alternative would result in no construction or operations activities at the project location and therefore would have no impact on the air quality within the vicinity of the Proposed Action site.

5.3 Geology and Soils

The Proposed Action would result in ground disturbing activities measuring approximately 0.48 acres. There are no unusual geologic features, known occurrences of important minerals, or known sensitive geologic features present within the Proposed Action area. No sinkholes, fissures, or other karst features were observed near the project area. No impacts on geological resources are anticipated. A Geotechnical Investigation Report has not been completed for the Proposed Action yet. The potential for soil erosion would be addressed through the implementation of erosion and sediment control best management practices, including the installation of silt fencing around the Proposed Action area. No adverse impacts to soils are anticipated as a result of the Proposed Action. The Proposed Action area would not occur within soils designated as prime or unique farmlands or farmlands of statewide or local importance (See Appendix C).

A No Action Alternative would result in no construction or installation activities at the Proposed Action site and therefore would have no impact on geologic conditions or soils.

5.4 Water Resources

The Proposed Action would not result in impacts to wetlands or surface waters and is not located within a sole source aquifer area or within a Special Flood Hazard Area of the 100-year floodplain. The anticipated regional groundwater levels at the Proposed Action site would be well beneath the extent of any excavation activities, no water withdrawals are proposed, and the passive use of the proposed communications tower is not anticipated to result in adverse effects to groundwater quality. Based on the small footprint and relatively flat terrain of the Proposed Action site, changes to existing stormwater runoff rates or impacts to water resources as a result of erosion and sediment runoff are expected to be non-existent or negligible. Where applicable, sediment and erosion control best management practices would be implemented, such as silt fencing or sediment traps and erosion control mats. Additionally, best management practices would be implemented for handling hazardous materials on site during construction and operation of the site (See Section 5.10 for additional details). The proposed implementation of stormwater management measures are expected to minimize the effects on water resources. Therefore, no impacts to water resources are likely to result from the Proposed Action.

A No Action Alternative would result in no construction activities at the Proposed Action site and therefore would have no impact to water resources.

5.5 Biological Resources

The proposed action's potential to impact federal and state protected species and their associated habitats was evaluated. An Informal Biological Assessment (IBA) was prepared for the Proposed Action and dated June 30, 2020. As a result of the acquisition of the project by The Towers, LLC, a change in proposed tower type from a monopole to a self-supporting lattice tower, a change in tower height from 161 feet to 261 feet, and/or the length of time between consultations, update letters were provided to the US Fish and Wildlife Service (USFWS) for their records on June 14, 2021, April 24, 2024, and July 15, 2025. The April 24, 2024, update found suitable habitat for the endangered northern long-eared bat and proposed endangered tricolored bat. A finding of "may affect, not likely to adversely affect" was determined for these species. A finding of "no effect" was determined for other federally listed species and designated critical habitat. To minimize the potential for adverse effects to the listed bat species, the applicant committed to the removal of trees from October 15 to March 31. USFWS responded on April 29, 2024, indicating that no further action is required under Section 7(a)(2) of the Endangered Species Act. The July 15, 2025, update letter pertained only to a change in project ownership and noted the removal of the tricolored bat from the USFWS Official Species List for the Proposed Action area and continued commitment to tree removal from October 15 to March 31. It is noted that since the July 2025 correspondence, the overall tower height has been reduced to 255 feet. It was determined that the reduction in height would not warrant additional notification to USFWS. An updated Official Species List was obtained on April 20, 2026, and included the addition of the gray bat. The Northern Long-eared Bat and Tricolored Bat Range-Wide Determination Key (DKey) was completed and returned a finding of "may affect, not likely to adversely affect" for the northern long-eared bat. The DKey indicated that the Proposed Action is located within the hibernating range for the northern long-eared bat. The "may affect, not likely to adversely affect" finding is based upon clearing of trees outside of the "Summer Occupancy" period for the northern long-eared bat. Per the *Northern Long-eared Bat and Tricolored Bat Voluntary Environmental Review Process for Development Projects Version 1.1*, the "Summer Occupancy"

period is from March 15 to September 30. Therefore, the commitment for tree clearing has been revised to reflect current guidance with tree clearing to occur from October 1 to March 14. The gray bat roosts and hibernates in caves, and no caves have been identified within the project area vicinity. Therefore, a finding of no effect was determined for the gray bat. Further, as reported in Table 5-1 below, the determinations for non-essential experimental populations (whooping crane) and federal proposed species (monarch butterfly) have been clarified as a "no jeopardy" finding.

A consultation request was submitted to the Georgia Department of Natural Resources (GA DNR) for the Proposed Action on June 30, 2020. Following changes to the Proposed Action, an update letter was sent to the GA DNR on April 18, 2024. GA DNR responded to the 2020 consultation request indicating the presence of critical habitat for the federally threatened finelined pocketbook (*Lampsilis altilis*) on a stretch of the Tallapoosa River just north of the project site (approximately 0.4 miles north). GA DNR indicated that measures taken to minimize stormwater runoff and erosion during construction will be protective of this species and its critical habitat. A list of known occurrences of natural communities, plants, and animals of highest priority conservation status within a three-mile radius of the project site was provided. The nearest state or federally listed species was noted approximately 1.2 miles northeast of the Proposed Action within the Tallapoosa River. The USFWS and GA DNR coordination is provided in Appendix E. The following Table 5-1 provides a current list of the species identified by USFWS and GA DNR along with protection/sensitive status, suitable habitat, and finding of effect. Habitat information for species listed in the table was collected from a variety of information sources, including USFWS species profiles and the NatureServe Explorer database. Because the proposed action is not anticipated to result in impacts on surface waters or wetlands, aquatic species are not a concern for this undertaking and are excluded from the discussion below.

Table 5-1: Federally Endangered or Threatened Species Findings Summary

Common Name	Scientific Name	Federal Status	State Status	Habitat*	Finding of Effect
Gray bat	*Myotis grisescens*	Endangered	-	Roost sites are almost exclusively in caves; Winter roosting sites in deep vertical caves; Can be found in storm sewer systems	No suitable habitat; No effect
Northern long-eared bat	*Myotis septentrionalis*	Endangered	-	During summer, roosts singly or in colonies underneath bark, in cavities, or in crevices of both live and dead trees; Winters are spent hibernating in caves and mines	Potentially suitable habitat, May affect, not likely to adversely affect per Dkey; Tree clearing to be conducted from October 1 to March 14

Common Name	Scientific Name	Federal Status	State Status	Habitat*	Finding of Effect
Whooping crane	*Grus americana*	Experimental Population, Non-Essential	-	Coastal marshes and estuaries, inland marshes, lakes, open ponds, shallow bays, salt marsh and sand or tidal flats, upland swales, wet meadows and rivers, pastures and agricultural fields	No suitable habitat; No jeopardy
Monarch butterfly	*Danaus plexippus*	Proposed Threatened	-	Breeding areas are virtually all patches of milkweed in North America and some other regions; Overwintering habitats are certain high altitude Mexican conifer forests or coastal California conifer or Eucalyptus groves	No suitable habitat; No jeopardy
Georgia rockcress	*Arabis georgiana*	Threatened	Threatened	High bluffs along river courses with dry soil, open rocky woodland/forested slopes	No suitable habitat; No effect

* Habitat information for species listed in the table was sourced from USFWS species profiles and the NatureServe Explorer database

Migratory Birds and their Habitats

Per the USFWS *Recommended Best Management Practices for Communication Tower Design, Siting Construction, Operation, Maintenance, and Decommissioning* (USFWS 2021), "evidence suggests that night-migrating songbirds are either attracted to or disoriented by tower obstruction warning lighting systems, especially during overcast (i.e., low cloud ceiling), foggy, or otherwise low visibility conditions. Birds aggregate in larger numbers at towers with non-flashing lights compared to those with flashing lights, although birds aggregate at flashing lights during the "on" phase, they disperse during the "off" phase. Additionally, birds moving across the landscape at night (e.g. owl and seabirds) can collide with communications tower wires when they are placed in high movement areas." Further, communication towers may cause direct and indirect bird mortality through collisions with towers or guy wires or from exhaustion from circling a tower; through construction, operation, and maintenance activities; and significant loss of fat reserves spent while circling towers, leading to reduced survival during long migrations.

The Grantee proposes to construct a 255-foot tall (overall height) self-support telecommunications structure. Based on the specifications of the proposed tower structure, the Grantee has conformed to USFWS-recommended siting and construction measures for new towers including 1) utilizing the preferred lighting scheme for tower structures (flashing white/red lights); 2) selecting already degraded areas for tower placement; 3) not siting the tower in or near known bird concentration areas, or in known migratory bird movement routes, daily movement flyways, areas of breeding

concentration, in habitat of threatened or endangered species, key habitats for birds of conservation concern, or near breeding areas of prairie grouse; 4) avoiding ridgelines, coastal areas, wetlands, or other known bird concentration areas; 5) designing tower and associated facilities so as to avoid or minimize habitat loss within and adjacent to the tower footprint; and 6) avoiding the use of guy wires. The presence of migratory birds engaged in migrating activities cannot be ruled out in the general vicinity of the Proposed Action site and the proposed tower structure may provide opportunities for nesting and/or perching, however, this is unlikely to result in an adverse effect on migratory bird species. Further, considering the intermediate-aged woodland habitat present, the Proposed Action site is not expected to provide high quality migratory bird habitat, thus pre-construction nest clearance surveys are not deemed necessary. Considering the USFWS guidance and the specifications of the Proposed Action, the Grantee has committed to mitigation measures that would decrease risks to migratory birds.

Considering the proposed measures, the project is not anticipated to adversely affect migratory birds.

Bald and Golden Eagles

The Grantee would comply with the Bald and Golden Eagle Protection Act, which prohibits the take of bald or golden eagles without authorization from the Secretary of Interior. Based on the data reviewed (iNaturalist.org, 2026) and the lack of suitable breeding/foraging habitat within at least three miles of the Proposed Action, no impacts to eagles are anticipated. Should bald eagle nesting occur within 660 feet of the proposed site in the future, guidance provided in the *National Bald Eagle Management Guidelines* would be followed to minimize the potential for impacts to nesting eagles.

A No Action Alternative would result in no construction activities at the Proposed Action site and therefore would have no impact on biological resources.

5.6 Historic and Cultural Resources

In July of 2020, the Advisory Council on Historic Preservation (ACHP) approved amendments to the *Program Comment to Avoid Duplicative Reviews for the Wireless Communications Facilities Construction and Modification*. This Program Comment allows select agencies, including NTIA, to rely on existing Federal Communications Commission (FCC) Section 106 procedures for those undertakings also subject to *Section 106* review under the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the FCC* (FCC Nationwide PA) and the *Nationwide Programmatic Agreement for the Collocation of Wireless Antennas*, as amended (FCC Collocation PA).

The Georgia Historic Preservation Division (HPD) was provided with a Phase I Cultural Resources Survey for the Proposed Action on June 25, 2020. The HPD issued a finding on July 23, 2020, stating, “no historic properties that are listed in or eligible for listing in the NRHP will be affected by the proposed undertaking” for the Proposed Action. Due to changes to the proposed tower structure, height, and design; the length of time since prior consultations; and/or changes in project ownership, addendum letters were sent out to HPD and Tribes in 2021, 2024, and 2025. The HPD issued a finding on June 29, 2021, stating, “HPD continues to concur that no historic properties that are eligible for or listed in the NRHP will be affected by the proposed undertaking” for the Proposed Action. A response was received on July 15, 2025, stating that the FCC NPA does not require notice of

ownership changes and that the ownership update would be deleted from their system. No further responses were received from HPD regarding the 2024 update letter. Documentation of HPD consultation is included in Appendix F.

Twelve federally recognized Tribes were identified that may attach religious and cultural significance to Historic Properties within the area of the proposed undertaking. All Native American Tribes that have expressed interest within this area have either concurred with the project or expressed no further interest. Documentation of Tribal consultation is included in Appendix F, including updates provided to Tribes regarding changes to the project specifications and ownership.

It is noted that since the initial HPD and Tribal consultation was conducted, a proposed access drive apron would extend from the previously surveyed access/utility easement into the Ben Davis Road right-of-way as shown on Figure 3-3. Further, as shown in Figure 3-3, additional grading would be conducted outside the proposed access/utility easement and lease area. Considering these improvements would be located within the right-of-way and/or within 100 feet of previously assessed areas, no further coordination with HPD or Native American Tribes was deemed necessary. Further, it is noted that since the 2025 correspondence, the overall tower height has been reduced to 255 feet. It was determined that the reduction in height would not warrant additional notification to HPD or Native American Tribes.

Consistent with state and federal regulations (36 CFR 800.13[b]), should a concentration of artifacts or culturally modified soil deposits (including trash pits older than 50 years) be encountered at any time during ground disturbing activities, all work must stop until a qualified archaeologist views the finds and makes a preliminary evaluation. If warranted, further archaeological work in the discovery area should be performed. Further, should human remains be encountered, all work must stop in the immediate vicinity of the discovery until the County Coroner and a qualified archaeologist evaluate the remains. As necessary, all Tribes identified during the consultation process would be notified of pertinent discoveries made during ground disturbing activities.

The No Action Alternative would result in no construction activities at the Proposed Action site and therefore would have no impact on historic and cultural resources.

5.7 Aesthetic and Visual Resources

The Proposed Action would include the installation of a proposed 255-foot-tall self-support telecommunications tower. The proposed tower would be lit with medium-intensity dual red/white flashing lights. Tower lights would be white during the day and red at night. Construction would occur only during daytime hours, thus there would be no construction-related lighting associated with the Proposed Action. No sensitive aesthetic or visual receptors are located within the viewshed of the Proposed Action, thus no adverse impacts to aesthetic and visual resources are anticipated.

A No Action Alternative would result in no construction activities or new additions to the landscape at the Proposed Action site and therefore would have no impact on aesthetic and visual resources.

5.8 Land Use

The Proposed Action would result minimal changes to the overall land use for the larger tract on which the Proposed Action would take place, and the Proposed Action would result in no changes to surrounding property land uses.

A No Action Alternative would result in no construction activities at the Proposed Action site and therefore would have no impact on land uses.

5.9 Infrastructure

The Proposed Action would require additional energy demand for the wireless facility, including a temporary increase during construction and installation activities; however, the overall increase in energy demand for the Proposed Action would be within the existing capabilities of local electrical distribution providers during construction and implementation as well as for continued operation of the wireless facility. No new public roadways would be required for the construction of the Proposed Action, and since the Proposed Action involves unmanned wireless facilities, no water and sewer infrastructure would be required. While minimal impacts to local traffic would potentially occur during the staging and construction portions of the Proposed Action, there would be no long-term impacts to traffic as a result of the operation of the Proposed Action.

A No Action Alternative would result in no construction activities at the Proposed Action site and therefore would have no impact on infrastructure.

5.10 Human Health and Safety

Impacts to human health and safety under the Proposed Action alternative are expected to be minor over the short term and beneficial over the long term with safety mitigation efforts included. During construction activities impacts on human health may occur. Impacts related to traffic management, utility line strikes, decreased air quality from dust and construction equipment, and accidental release of hazardous materials (i.e., fuels) could occur; however, mitigation efforts to manage traffic, identify buried utilities, manage dust, protect existing infrastructure, and carefully manage hazardous materials will be in place under the Proposed Action alternative. Such measures would include performing utility locations prior to construction and dust suppression efforts. To reduce the potential for accidental releases of hazardous materials, fuels or other chemicals would be stored and maintained in designated staging areas. Additionally, an emergency spill kit containing absorption pads, a shovel, and other cleanup items would be readily available for cleanup of chemical or fuel releases. Construction activities would be completed in a relatively short period.

During the operations and maintenance period of the tower, mitigation measures such as fencing and controlled access would be implemented. Limiting access to potentially dangerous equipment would mean that the operation of the tower does not lead to any adverse impacts on human health and safety over the long term. No hazardous waste sites or registered USTs were identified within the vicinity of the Proposed Action (EPA Enviromapper 2026, EPA UST Finder 2026, GA UST 2026, see Appendix B). Prior to conducting ground disturbing activities within the Proposed Action area, the Grantee would identify buried utilities through the use of 811 (call before you dig) and a private utility locator if necessary and would utilize permit-only workers qualified by training or experience to operate heavy machinery and equipment. During construction, Occupational Safety and Health Administration (OSHA) safety standards would be enforced for contractors and their employees. Following construction, the tower would be surrounded by chain-link fencing that would include gate access secured by a padlock to prevent and discourage public access to the site.

Electromagnetic emissions (EME) from the proposed antennas would be reviewed by the carrier to ensure that emission levels are below the FCC exposure limits outlined in 47 CFR § 1.1307 and §

1.1235. The Proposed Action would result in no adverse impacts to human health and safety. The enhanced capabilities and reliability of voice and data communications resulting from the Proposed Action would be beneficial to human health by providing additional economic and educational opportunities and improved access to telehealth services for Haralson County residents.

A No Action Alternative would result in no construction activities at the Proposed Action site and would therefore negatively impact Haralson County and surrounding communities, which would continue to have diminished access to reliable connectivity and telehealth services.

6.0 Reasonably Foreseeable Effects

Reasonably foreseeable effects are the expected impacts resulting from the Proposed Action on the surrounding environment based on reasonably foreseeable future (i.e., 20 years) actions.

The Proposed Action is comprised of the construction and operation of a proposed 255-foot-tall self-support telecommunications structure and an associated facility that would be constructed within an area that is approximately 0.48-acres in size.

According to the Haralson County Joint Comprehensive Plan 2017-2027 Future Development Map, the Proposed Action area is zoned as Agricultural/Forest and there are no specific foreseeable actions for the Proposed Action area or adjoining areas. Reasonably foreseeable effects to the environment from the Proposed Action would be minimal. Further, the minimal negative impacts to the environment from the Proposed Action would be greatly outweighed by the benefit to quality of life for the population surrounding the Proposed Action area. There are therefore no negative reasonably foreseeable effects that would result from the Proposed Action.

7.0 Applicable Environmental Permits and Regulatory Requirements

Table 7-1: Potential Applicable Statutory, Regulatory, and Other Requirements

Potentially Applicable Requirement	Relevant Project Information
All Resources	
National Environmental Policy Act (NEPA) of 1969 42 U.S.C. § 4321 et seq.	NEPA requires all federal agencies to assess environmental effects of their proposed actions; this Environmental Assessment fulfills that requirement.
Federal Communications Commission Antenna Structure Registration 47 CFR § Part 17	Antenna Structure Registration Number 1320125 was completed for the Proposed Action.
Federal Aviation Administration Filing 14 CFR § Part 777 Section 77.9	FAA Aeronautical Study No. 2024-ASO-5032-OE Issue Date 10/2/2025; The structure is proposed to be lighted with a medium-dual system, consisting of medium intensity white flashing lights during the day and medium intensity red flashing lights at night
Haralson County Zoning and Permits – Building Permit and Zoning Permit	Permits are expected to be filed in May with the Haralson County Zoning and Permits Department

Vegetation, Wildlife, and Fish	
Endangered Species Act of 1973 16 U.S.C. § 1531 et seq.	Sections 7(a)(1) and 7(a)(2) of the Endangered Species Act require federal agencies to aid in the conservation of listed species and ensure activities are not likely to jeopardize the continued existence of federally listed or proposed species or destroy or adversely modify designated critical habitat. The NTIA has determined a finding of no effect/no jeopardy for federally listed/proposed species.
Waters, Wetlands, and Floodplain Protection	
Clean Water Act 33 U.S.C. § 1251 et seq. Floodplain Management Executive Order 11988 Protection of Wetlands Executive Order 11990	The Clean Water Act prohibits the discharge of any pollutant from a point source into navigable waters; no surface waters have been identified within or near the Proposed Action site. Executive Order 11988 requires federal activities to avoid adverse impacts to wetlands where practicable, and Executive Order 11990 requires federal activities to elevate structures located within floodplains above the base flood level where practicable; no wetlands or floodplains have been identified within or near the Proposed Action site.
Cultural and Historic Resources	
National Historic Preservation Act (NHPA), as amended, inclusive of Section 106 54 U.S.C. § 306108 et seq.	Section 106 NHPA requires federal agencies to identify and assess the effects their actions may have on historic properties; the Section 106 review process has revealed no effects on historic properties as a result of the Proposed Action.
Noise, Public Health, and Safety	
Federal Communications Commission (FCC)	47 CFR 1.1310 provides radiofrequency radiation exposure limits from FCC; the Proposed Action would comply with the criteria set forth in 47 CFR 1.1310.

8.0 Consultations

Table 8-1: Agency Consultations

Agency and Name	Consultation	Status
United States Fish and Wildlife Service	Endangered Species Act Consultation	IPaC list pulled April 20, 2026. No further consultation required
Georgia Department of Natural Resources	Protected Species and Natural Resources Consultation	GA DNR letter sent 11/12/2025; No response received
Georgia Historic Preservation Division – Jennifer Flood (770) 389-7851	Section 106 Historic Preservation Consultation	Complete: SHPO concurrence received 7/23/2020 and 6/29/2021; Response received on July 15, 2025, stating that the

Agency and Name	Consultation	Status
		FCC NPA does not require notice of ownership changes
Alabama Coushatta Tribe Tribal Historic Preservation Office – Bryant J Celestine (936) 563-1100	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: Final follow-up attempt = 6/29/2020 and cleared via Escalation on 8/21/2020. TCNS 231611: Final follow-up attempt = 6/4/2021 and cleared via Escalation on 7/23/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.
Coushatta Indian Tribe Tribal Historic Preservation Office - Dakota John (337) 584-1401	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: Final follow-up attempt = 6/29/2020 and cleared via Escalation on 8/21/2020. TCNS 231611: Final follow-up attempt = 6/4/2021 and cleared via Escalation on 7/23/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.
Seminole Tribe of Florida Tribal Historic Preservation Office – 869-983-6459	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: Final follow-up attempt = 6/29/2020 and cleared via Escalation on 8/21/2020. TCNS 231611: Final follow-up attempt = 6/4/2021 and cleared via Escalation on 7/23/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.
Kialegee Tribal Town Tribal Historic Preservation Office – Stephanie Yahola (405) 452-3262	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: Final follow-up attempt = 6/29/2020 and cleared via Escalation on 8/21/2020. TCNS 231611: Final follow-up attempt = 6/4/2021 and cleared via Escalation on 7/23/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.
Seminole Nation of Oklahoma Tribal Historic Preservation Office – Ben Yahola (405) 234-5218	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: 30-Day No Response Agreement timed out 7/29/2020. TCNS 231611: 30-Day No Response Agreement timed out 7/4/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.

Agency and Name	Consultation	Status
Cherokee Nation Tribal Historic Preservation Office – Gwen Terrapin (918) 772-4165	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: Final follow-up attempt = 6/29/2020 and THPO response received 7/16/2020. TCNS 211331: Final follow-up attempt = 6/4/2021 and THPO response received 6/10/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.
Muscogee (Creek) Nation Tribal Historic Preservation Office – Jason Sawyer (918) 732-7835	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: Final follow-up attempt = 6/29/2020 and cleared via Escalation on 8/21/2020. TCNS 231611: Final follow-up attempt = 6/4/2021 and cleared via Escalation on 7/30/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.
Eastern Shawnee Tribe of Oklahoma Tribal Historic Preservation Office – Lora Nuckolls (918) 238-5151	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: Final follow-up attempt = 6/29/2020 and cleared via Escalation on 8/21/2020. TCNS 211331: Final follow-up attempt = 6/4/2021 and THPO response received 5/21/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.
Alabama Quassarte Tribal Town Tribal Historic Preservation Office – Janice Lowe (405) 452-3881	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: Final follow-up attempt = 6/29/2020 and cleared via Escalation on 8/21/2020. TCNS 211331: Cleared per NOO 5/14/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.
Thlopthlocco Tribal Town Tribal Historic Preservation Office – Ryan Morrow	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: Final follow-up attempt = 6/29/2020 and cleared via Escalation on 8/21/2020. TCNS 231611: Final follow-up attempt = 6/4/2021 and cleared via Escalation on 7/23/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.

Agency and Name	Consultation	Status
Shawnee Tribe Tribal Historic Preservation Office – Tonya Tipton (918) 542-2441	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: Final follow-up attempt = 6/29/2020 and cleared via Escalation on 8/21/2020. TCNS 231611: Final follow-up attempt = 6/4/2021 and cleared via Escalation on 7/23/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.
Poarch Band of Creek Indians Tribal Historic Preservation Office – William Baily Jr. (251) 368-9136	Section 106 Historic Preservation Consultation	Complete: TCNS 211331: 30-Day No Response Agreement timed out 7/29/2020. TCNS 231611: 30-Day No Response Agreement timed out 7/4/2021. Addendum documentation delivered on 7/17/2025, no response received indicating the proposed changes would adversely affect Tribal religious sites.

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Appendix A

Site Maps and Photographs



Date Generated: 12/30/2025
Source: USGS The National Map

The National Map

ECA ID: 25-005815

ECA



500 0 500
Feet

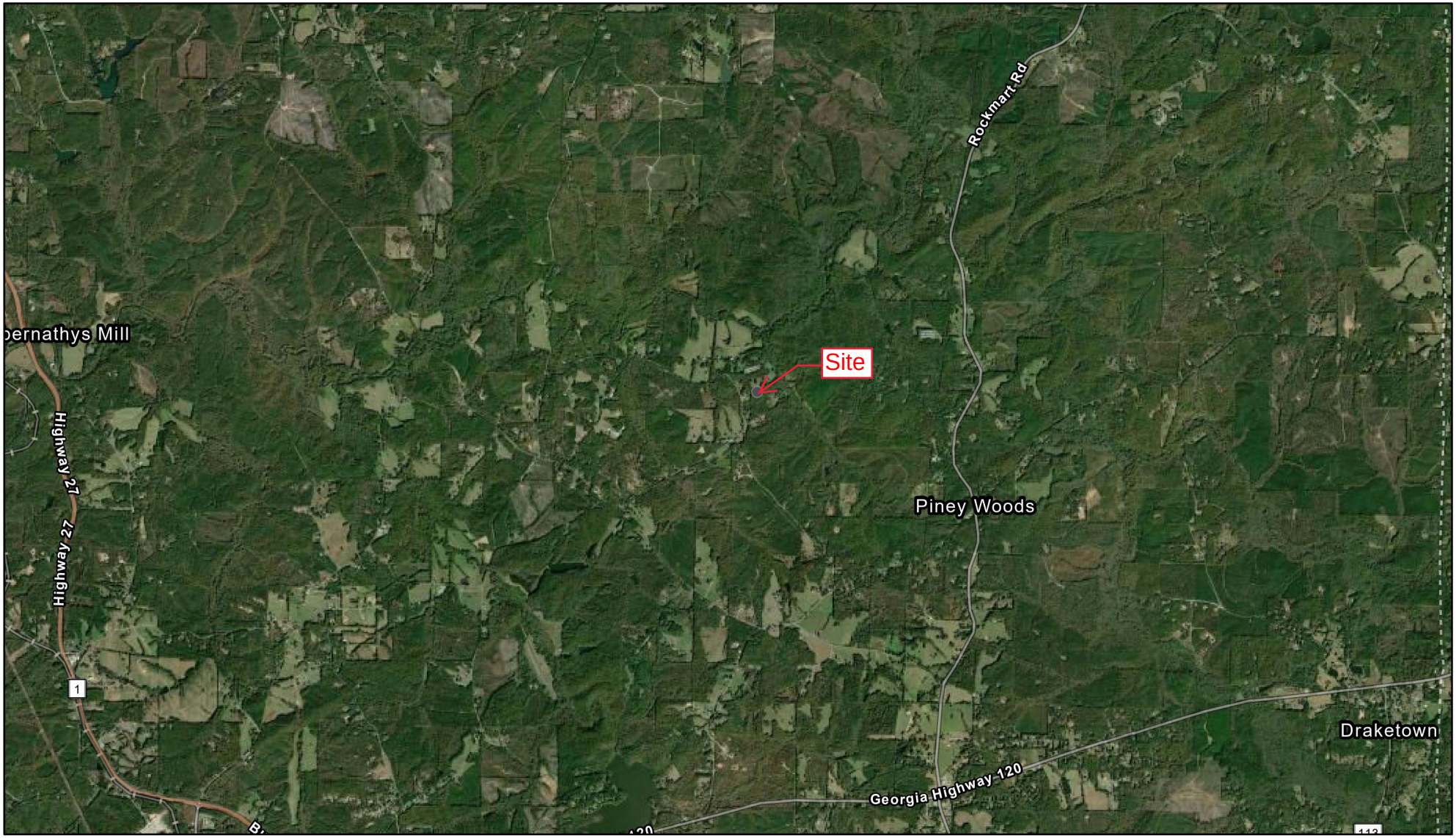
Date Generated: 12/30/2025
Source: Maxar

Site Location Map

ECA ID: 25-005815

ECA

National Scenic Historic Trail Webmap



4/2/2026, 3:09:15 PM

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Earthstar Geographics



Site Photograph 1 – Looking north at the Site



Site Photograph 2 – Looking south at the Site

Site Photographs

Verizon Wireless – Meriadoc - A
Near Ben Davis Road
Buchanan, Georgia 30113

Photographed:

April 11, 2024



Site Photograph 3 – Looking east at the Site



Site Photograph 4 – Looking west at the Site

Site Photographs

Verizon Wireless – Meriadoc - A
Near Ben Davis Road
Buchanan, Georgia 30113

Photographed:

April 11, 2024



Site Photograph 5 – Looking north away from the Site



Site Photograph 6 – Looking south away from the Site

Site Photographs

Verizon Wireless – Meriadoc - A
Near Ben Davis Road
Buchanan, Georgia 30113

Photographed:

April 11, 2024



Site Photograph 7 – Looking east away from the Site



Site Photograph 8 – Looking west away from the Site

Site Photographs

Verizon Wireless – Meriadoc - A
Near Ben Davis Road
Buchanan, Georgia 30113

Photographed:

April 11, 2024



Site Photograph 9 – Looking north along the access/utility easement



Site Photograph 10 – Looking north along the access/utility easement

Site Photographs

Verizon Wireless – Meriadoc - A
Near Ben Davis Road
Buchanan, Georgia 30113

Photographed:

April 11, 2024



Site Photograph 11 – Looking south along the access/utility easement



Site Photograph 12 – Looking south along the access/utility easement

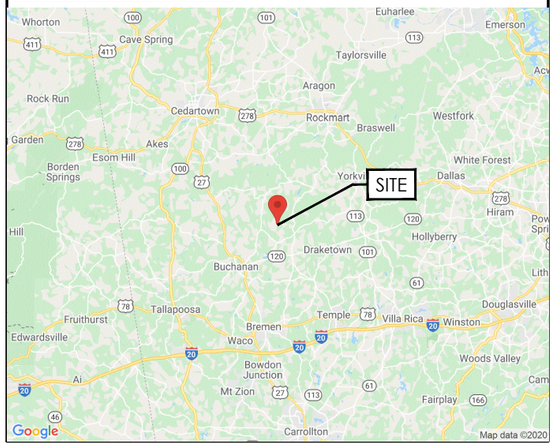
Site Photographs

Verizon Wireless – Meriadoc - A
Near Ben Davis Road
Buchanan, Georgia 30113

Photographed:

April 11, 2024

LOCATION MAP



VICINITY MAP



SCOPE OF WORK:

(NEW SITE BUILD; (P) TOWER)

- INSTALL (6) COMMSCOPE NHH-65C-R2B ANTENNAS
- INSTALL (3) ERICSSON AIR6419 INTEGRATED ANTENNAS
- INSTALL (3) ERICSSON 4490 RRUs (ANTENNA LEVEL)
- INSTALL (3) ERICSSON 4890 RRUs (ANTENNA LEVEL)
- INSTALL (1) RAYCAP RVZDC-6627-PF-48 (ANTENNA LEVEL)
- INSTALL (1) RAYCAP RVZDC-6627-PF-48 (EQUIPMENT LEVEL)
- INSTALL (2) 1-5/8" (6X12) RFS HFT1206-24S49-XXX HYBRID DC / FIBER CABLE
- INSTALL (6) RFS HFT410-4SVHY-XX HYBRID DC / FIBER JUMPERS
- INSTALL COMMSCOPE SECTOR FRAMES W/ DUAL TIEBACKS, MODEL: SFG23HD-12-4-96

SITE NAME:

MERIADOC

VERTICAL BRIDGE SITE NUMBER:

US-GA-5748

VERIZON MDG LOC. CODE:

5000236917

PROJECT TYPE:

PROPOSED 245' SELF-SUPPORT TOWER

PREPARED FOR:

vertical bridge

PREPARED BY:

PM&A

1000 HOLCOMB WOODS PKWY.
SUITE 210
ROSWELL, GA 30076
678-280-2325

CONSTRUCTION CODES

ALL CONSTRUCTION SPECIFIED ON DOCUMENTS SUBMITTED FOR BUILDING PERMIT SHALL COMPLY WITH THE REQUIREMENTS OF THE FOLLOWING:

MANDATORY CODES AS ADOPTED BY DCA:

- INTERNATIONAL BUILDING CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020, 2022, 2024)
- INTERNATIONAL FIRE CODE, 2018 EDITION (NO GEORGIA AMENDMENTS)
- INTERNATIONAL PLUMBING CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020, 2022, 2023, 2024)
- INTERNATIONAL MECHANICAL CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020, 2024)
- INTERNATIONAL FUEL GAS CODE, 2018 EDITION, WITH GEORGIA AMENDMENTS (2020, 2022)
- NATIONAL ELECTRICAL CODE, 2020 EDITION, WITH GA AMENDMENTS (2021)

DEPARTMENT	NAME / SIGNATURE	DATE
PROPERTY / TOWER OWNER		
PROJECT MANAGER		
CONSTRUCTION MANAGER		
RF ENGINEER		
SITE ACQUISITION AGENT		

PROJECT INFORMATION

SITE ADDRESS:	NEAR 1011 BEN DAVIS ROAD BUCHANAN, GA 30113
LATITUDE: LONGITUDE: ELEVATION:	33° 51' 30.74" (NAD 83) -85° 7' 21.76" (NAD 83) 1143.9' (AMSL)
ZONING JURISDICTION: ZONING CLASSIFICATION:	HARALSON COUNTY A-1
PARCEL ID:	0084 0044
PROPERTY OWNER:	DAVID & KELLY BARCLAY 1011 BEN DAVIS ROAD BUCHANAN, GA 30113 DAVID BARCLAY; 770-646-7716
APPLICANT:	VERIZON WIRELESS 10300 OLD ALABAMA ROAD CONN. ALPHARETTA, GA 30022 CM: NICHOLAS OSBORNE EMAIL: NICHOLAS.OSBORNE@VERIZONWIRELESS.COM
ENGINEER:	P. MARSHALL & ASSOCIATES 1000 HOLCOMB WOODS PKWY., STE. 210 ROSWELL, GA 30076 CHAD T. WILHOIT, P.E.; 678-280-2325 EMAIL: CWILHOIT@PMASS.COM
POWER: POWER CONTACT #:	CARROLL EMC 770-832-3552
FIBER:	FIBER COMPANY WILL BE AWARDED BY VZW CM

DRAWING INDEX

T-1	TITLE SHEET & PROJECT INFORMATION
-	SURVEY
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C-2	OVERALL BOUNDARY PLAN
C-2A	OVERALL SITE PLAN
C-2B	AERIAL SITE PLAN
C-3	ENLARGED SITE PLAN
C-4	TOWER ELEVATION
C-5	ANTENNA ORIENTATION & CONFIGURATION
C-6	GRADING, EROSION & SEDIMENT CONTROL PLAN
C-7	GRADING, EROSION & SEDIMENT CONTROL NOTES
C-8	GRADING, EROSION & SEDIMENT CONTROL DETAILS
C-9	EQUIPMENT ELEVATION
C-9A	EQUIPMENT ELEVATION
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C-16	GENERATOR SPECIFICATIONS
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E-1	GENERAL ELECTRICAL & GROUNDING NOTES
E-2	ELECTRIC & GROUNDING SITE PLAN
E-3	DETAILED GROUNDING SITE PLAN
E-4	ELECTRICAL RISER & ONE-LINE DIAGRAM
E-5	GROUNDING DETAILS
E-6	UTILITY H-FRAME DETAILS

811

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BOCA RATON, FL 33487

PM&A
P. MARSHALL & ASSOCIATES

VERIZON SITE NAME:
MERIADOC

VERTICAL BRIDGE SITE ID:
US-GA-5748

NEAR 1011 BEN DAVIS ROAD
BUCHANAN, GA 30113

MDG LOCATION CODE:
5000236917

REV	DATE	DESCRIPTION
0	5/27/2020	ISSUED FOR LEASE EXHIBIT
1	6/19/2020	ISSUED FOR PRELIM CDS
2	8/10/2020	ISSUED FOR FINAL CDS
3	3/24/2021	REVISED TOWER TYPE
4	4/10/2024	UPDATED FINAL CDS
5	5/20/2025	UPDATED TO V.B. STAND.

DESIGNED: CTW
DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

TITLE SHEET & PROJECT INFORMATION

T-1

TITLE EXCEPTIONS

THIS SURVEY WAS COMPLETED WITH THE AID OF TITLE WORK PREPARED BY US TITLE SOLUTIONS, TITLE REPORT DATE OF JULY 1, 2022, FILE NO. UST71799, FOR THE PARENT PARCEL, TO DETERMINE THE IMPACTS OF EXISTING TITLE EXCEPTIONS.

SCHEDULE 3

3.1. APPLICATION AND QUESTIONNAIRE FOR CURRENT USE ASSESSMENT OF BONA FIDE AGRICULTURAL PROPERTY BY DAVID AND KELLY BARCLAY RECORDED 5/26/2015 IN BOOK 1126 PAGE 224 . [THIS ITEM IS APPLICABLE TO THE PARENT PARCEL AND IS BLANKET IN NATURE.]

4.1. EASEMENT AS SET FORTH IN DEED BOOK 301, PAGE 602. [THIS ITEM IS APPLICABLE TO THE PARENT PARCEL BUT DOES NOT AFFECT THE LESSEE PREMISES OR 30' ING/EGR, FIBER & UTILITY EASEMENT.]

5.1. SURVEY FOR DAVID BARCLAY AND KELLY BARCLAY RECORDED 8/26/2019 IN BOOK 45 PAGE 3 . [THIS ITEM IS APPLICABLE TO THE PARENT PARCEL AND THE BOUNDARIES ARE REFLECTED HEREON.]

5.2. SURVEY FOR JOHN TUCKER RECORDED 12/22/1996 IN BOOK 24 PAGE 135. [THIS ITEM IS APPLICABLE TO THE PARENT PARCEL; HOWEVER THIS PLAT HAS BEEN SUPERSEDED BY SUBSEQUENT PLATS WHICH HAS RECONFIGURED AND UPDATED THE PARENT PARCEL AND ITS BOUNDARIES AS SHOWN HEREON].

5.3. SURVEY FOR HOWARD LOCKLEAR RECORDED 5/5/1989 IN BOOK 15 PAGE 156 . [THIS ITEM IS APPLICABLE TO THE PARENT PARCEL; HOWEVER THIS PLAT HAS BEEN SUPERSEDED BY SUBSEQUENT PLATS WHICH HAS RECONFIGURED AND UPDATED THE PARENT PARCEL AND ITS BOUNDARIES AS SHOWN HEREON].

5.4. SURVEY FOR CHARLES J. SHIPP RECORDED 5/29/1987 IN BOOK 13 PAGE 160 . [THIS ITEM IS APPLICABLE TO THE PARENT PARCEL; HOWEVER THIS PLAT HAS BEEN SUPERSEDED BY SUBSEQUENT PLATS WHICH HAS RECONFIGURED AND UPDATED THE PARENT PARCEL AND ITS BOUNDARIES AS SHOWN HEREON].

5.5. SURVEY FOR WILLIAM K. MCCONNELL RECORDED 7/9/1985 IN BOOK 12 PAGE 52 . [THIS ITEM IS APPLICABLE TO THE PARENT PARCEL; HOWEVER THIS PLAT HAS BEEN SUPERSEDED BY SUBSEQUENT PLATS WHICH HAS RECONFIGURED AND UPDATED THE PARENT PARCEL AND ITS BOUNDARIES AS SHOWN HEREON].

5.6. BOUNDARY LINE AGREEMENT BETWEEN PAUL J. BLUE AND MARGARET BLUE AND WILLIAM K. MCCONNELL AND DEBORAH A. MCCONNELL DATED 1/11/1985 RECORDED 1/24/1985 IN BOOK 263 PAGE 120 . [THIS ITEM IS APPLICABLE TO THE PARENT PARCEL; HOWEVER THIS PLAT HAS BEEN SUPERSEDED BY SUBSEQUENT PLATS WHICH HAS RECONFIGURED AND UPDATED THE PARENT PARCEL AND ITS BOUNDARIES AS SHOWN HEREON].

5.7. SURVEY FOR PAUL J. AND MARGARET BLUE RECORDED 1/8/1985 IN BOOK 11 PAGE 154 . [THIS ITEM IS APPLICABLE TO THE PARENT PARCEL; HOWEVER THIS PLAT HAS BEEN SUPERSEDED BY SUBSEQUENT PLATS WHICH HAS RECONFIGURED AND UPDATED THE PARENT PARCEL AND ITS BOUNDARIES AS SHOWN HEREON].

5.8. PLAT OF PROPERTY OF C. N. LEIGH RECORDED 7/3/1969 IN BOOK 2 PAGE 39 . [THIS ITEM IS APPLICABLE TO THE PARENT PARCEL; HOWEVER THIS PLAT HAS BEEN SUPERSEDED BY SUBSEQUENT PLATS WHICH HAS RECONFIGURED AND UPDATED THE PARENT PARCEL AND ITS BOUNDARIES AS SHOWN HEREON].

MORTGAGE SCHEDULE

1. SECURITY DEED MADE BY DAVID JAY BARCLAY AND KELLY COLLEEN BARCLAY, HUSBAND AND WIFE TO BANK OF THE OZARKS IN THE SUM OF $260,000.00 DATED AS OF 6/25/2015 RECORDED 7/9/2015 IN BOOK 1129 PAGE 328.

NOTES: RE-RECORDED IN BOOK 1350, PAGE 186 TO CORRECT THE LEGAL DESCRIPTION. PLEASE ALSO SEE AFFIDAVITS CONCERNING TITLE IN BOOK 1350, PAGE 180 AND BOOK 1350, PAGE 183.

PLEASE NOTE THE RELEASE AND AFFIDAVITS CHANGE THE LEGAL DESCRIPTION TO A DIFFERENT PROPERTY ASSOCIATED WITH PARCEL 0084 0044A. HOWEVER, NO RELEASE FOUND OF RECORD FOR THE ORIGINAL MORTGAGE CONTAINING THE SUBJECT PROPERTY.

[THIS ITEM AS RE-RECORDED IN DEED BOOK 1350, PAGE 186 IS NOT APPLICABLE TO THE PARENT PARCEL].

2. SECURITY DEED MADE BY DAVID BARCLAY AND KELLY BARCLAY, HUSBAND AND WIFE TO CCS AGRI FINANCIAL SERVICES, INC. IN THE SUM OF $112,500.00 DATED AS OF 2/28/2012 RECORDED 4/6/2012 IN BOOK 1050 PAGE 332.

[THIS ITEM IS APPLICABLE TO THE PARENT PARCEL AND PARCEL 0084 0044A AND IS BLANKET IN NATURE].

PARENT PARCEL

OWNER: DAVID BARCLAY & KELLY BARCLAY

SITE ADDRESS: BEN DAVIS ROAD, BUCHANAN, GEORGIA 30113

PARCEL ID: 0084 0044

AREA: 44.18 ACRES (PER TAX ASSESSOR)

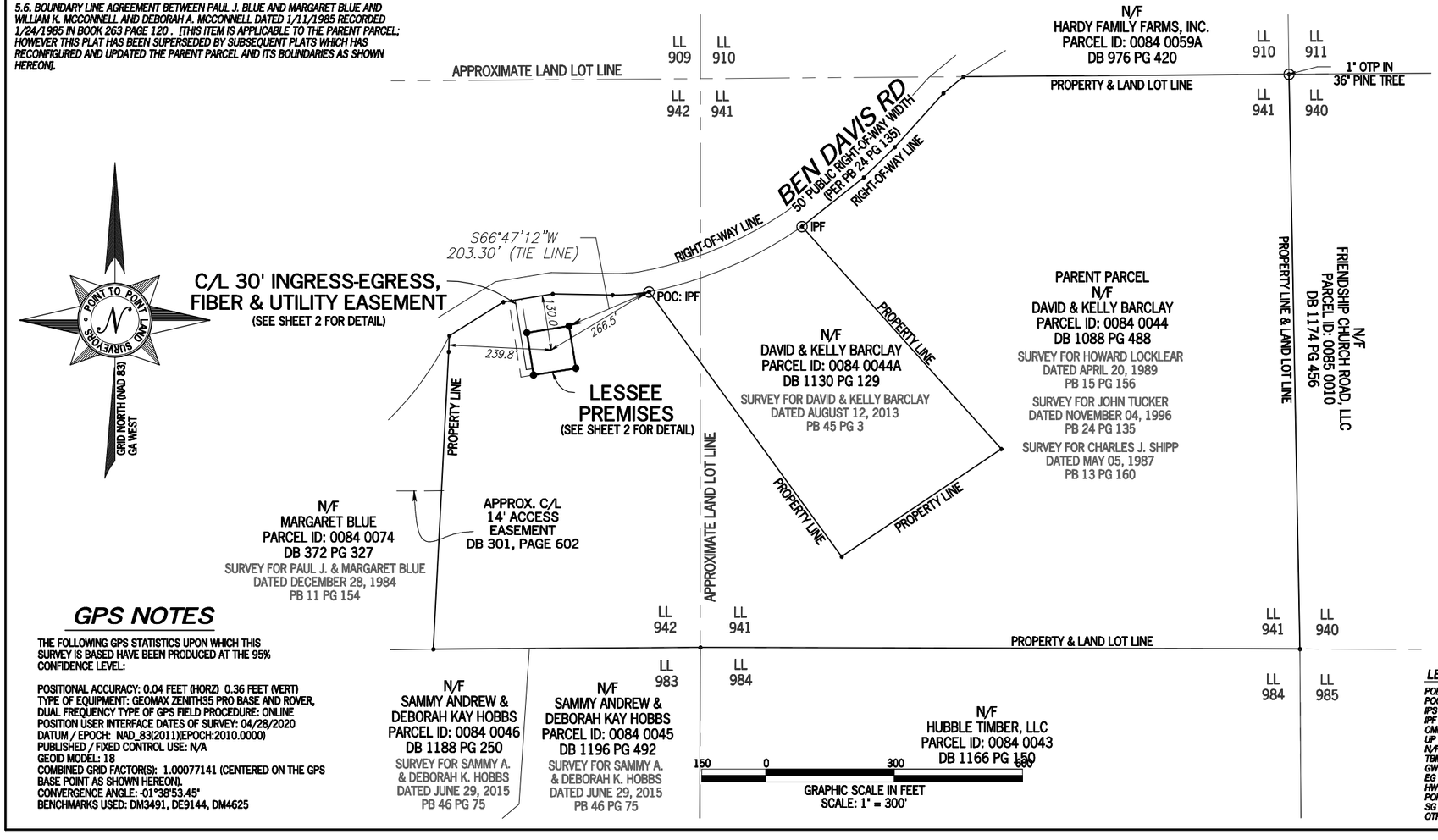
ZONED: A-1

ALL ZONING INFORMATION SHOULD BE VERIFIED WITH THE PROPER ZONING OFFICIALS

REFERENCES:
1. DEED BOOK 1088 PAGE 488 & DEED BOOK 1050 PAGE 329
2. PLAT BOOK 24 PAGE 135
3. PLAT BOOK 15 PAGE 156
4. PLAT BOOK 24 PAGE 135
5. PLAT BOOK 13 PAGE 160



VICINITY MAP
NOT TO SCALE



GPS NOTES

THE FOLLOWING GPS STATISTICS UPON WHICH THIS SURVEY IS BASED HAVE BEEN PRODUCED AT THE 95% CONFIDENCE LEVEL:

POSITIONAL ACCURACY: 0.04 FEET (HORZ) 0.36 FEET (VERT)
TYPE OF EQUIPMENT: GEOMAX ZENITH35 PRO BASE AND ROVER, DUAL FREQUENCY TYPE OF GPS FIELD PROCEDURE: ONLINE
POSITION USER INTERFACE DATES OF SURVEY: 04/28/2020
DATUM / EPOCH: NAD_83(2011)(EPOCH:2010.0000)
PUBLISHED / FIXED CONTROL USE: N/A
GEOID MODEL: 18
COMBINED GRID FACTOR(S): 1.00077141 (CENTERED ON THE GPS BASE POINT AS SHOWN HEREON).
CONVERGENCE ANGLE: -01°38'53.45"
BENCHMARKS USED: DM3491, DE9144, DM4625

GENERAL NOTES

THIS EXHIBIT SURVEY IS FOR THE LESSEE PREMISES AND EASEMENTS ONLY. THIS EXHIBIT SURVEY WAS PREPARED FOR THE EXCLUSIVE USE OF VERIZON WIRELESS AND EXCLUSIVELY FOR THE TRANSFERRAL OF THE LESSEE PREMISES AND THE RIGHTS OF EASEMENT SHOWN HEREON AND SHALL NOT BE USED AS AN EXHIBIT OR EVIDENCE IN THE FEE SIMPLE TRANSFERRAL OF THE PARENT PARCEL NOR ANY PORTION OR PORTIONS THEREOF. BOUNDARY INFORMATION SHOWN HEREON HAS BEEN COMPILED FROM TAX MAPS AND DEED DESCRIPTIONS ONLY. NO BOUNDARY SURVEY OF THE PARENT PARCEL WAS PERFORMED.

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY.

EQUIPMENT USED FOR ANGULAR & LINEAR MEASUREMENTS: LEICA TPS 1200 ROBOTIC & GEOMAX ZENITH 35. [DATE OF LAST FIELD VISIT: 04/28/2020]

THE 1' CONTOURS AND SPOT ELEVATIONS SHOWN ON THIS EXHIBIT SURVEY ARE ADJUSTED TO NAVD 88 DATUM (COMPUTED USING GEOID18) AND HAVE A VERTICAL ACCURACY OF ± 0.5'. CONTOURS OUTSIDE THE IMMEDIATE SITE AREA ARE APPROXIMATE.

BEARINGS SHOWN ON THIS EXHIBIT SURVEY ARE BASED ON GRID NORTH (NAD 83) GEORGIA WEST ZONE.

PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X (AREA OF MINIMAL FLOOD HAZARD). COMMUNITY PANEL NO. : 13143C01808 DATED: 09/36/2008

NO WETLAND AREAS HAVE BEEN INVESTIGATED BY THIS EXHIBIT SURVEY.

ALL ZONING INFORMATION SHOULD BE VERIFIED WITH THE PROPER ZONING OFFICIALS.

ANY UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM ABOVE GROUND FIELD SURVEY INFORMATION. THE SURVEYOR MAKES NO GUARANTEES THAT ANY UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT ANY UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED ANY UNDERGROUND UTILITIES.

CERTIFICATE OF AUTHORIZATION: LSF000843

SURVEY NOT VALID WITHOUT SHEET 2 OF 2

LEGEND

POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
IPS	IRON PIN SET
IPF	IRON PIN FOUND
CMF	CONCRETE MONUMENT FOUND
UP	UTILITY POLE
N/F	NOW OR FORMERLY
TBM	TEMPORARY BENCHMARK
GW	GUY WIRE
EG	EDGE OF GRAVEL
HW	HARDWOOD TREE
POP	POPLAR
SG	SWEET GUM
OTP	OPEN TOP PIPE

811 Know what's below. Call before you dig.

GEORGIA PROFESSIONAL LAND SURVEYOR No. 3433 DAVID MICHAEL MILLER

06/18/21

NO.	DATE	REVISION
1	8/26/20	TITLE REVIEW
2	3/4/2021	TOWER LOCATION
3	6/18/21	MORTGAGES - NRW
4	9/7/22	REVISED TITLE

EXHIBIT SURVEY PREPARED BY:

POINT TO POINT LAND SURVEYORS
100 Governors Trace, Ste. 103
Peachtree City, GA 30269
(p) 678.565.4440
(f) 678.565.4497
(w) pointtopointsurvey.com

EXHIBIT SURVEY PREPARED FOR:

verizon

10300 OLD ALABAMA ROAD CONNECTOR
ALPHARETTA, GA 30022

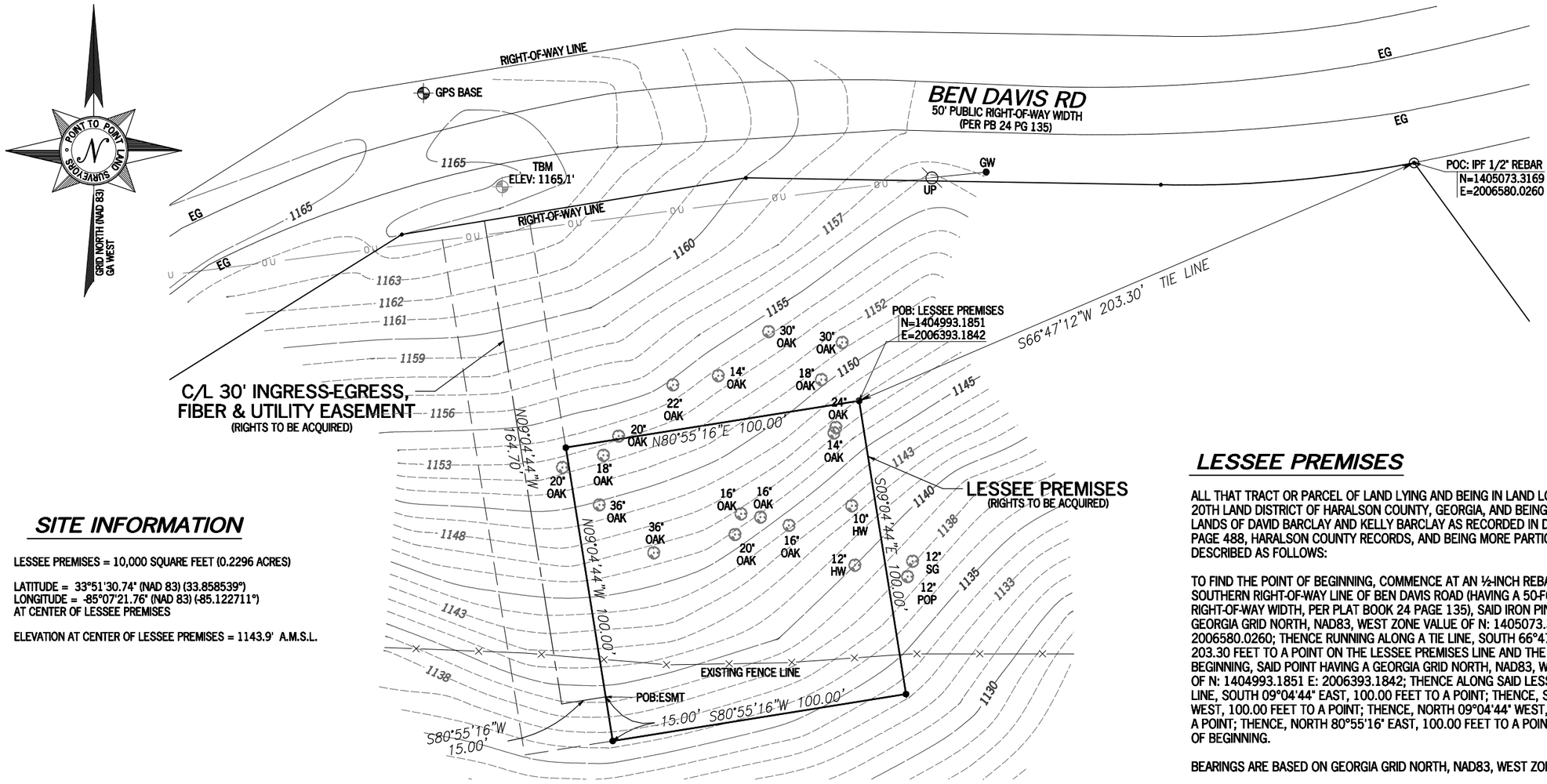
MERIADOC

LAND LOTS 941 & 942
20TH DISTRICT, 3RD SECTION
HARALSON COUNTY, GEORGIA

DRAWN BY: RMR
CHECKED BY: JKL
APPROVED: D. MILLER
DATE: MAY 7, 2020
P2P JOB #: 200868GA

SHEET: 1 OF 2

E:\Dropbox (Point To Point)\P2P Current Jobs\2020\200868GA\Meriadoc\200868GA.prjnc



SITE INFORMATION

LESSEE PREMISES = 10,000 SQUARE FEET (0.2296 ACRES)

LATITUDE = 33°51'30.74" (NAD 83) (33.858539°)
LONGITUDE = -85°07'21.76" (NAD 83) (-85.122711°)
AT CENTER OF LESSEE PREMISES

ELEVATION AT CENTER OF LESSEE PREMISES = 1143.9' A.M.S.L.

LESSEE PREMISES

ALL THAT TRACT OR PARCEL OF LAND LYING AND BEING IN LAND LOT 942 OF THE 20TH LAND DISTRICT OF HARALSON COUNTY, GEORGIA, AND BEING A PART OF THE LANDS OF DAVID BARCLAY AND KELLY BARCLAY AS RECORDED IN DEED BOOK 1088, PAGE 488, HARALSON COUNTY RECORDS, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

TO FIND THE POINT OF BEGINNING, COMMENCE AT AN ½-INCH REBAR FOUND ON THE SOUTHERN RIGHT-OF-WAY LINE OF BEN DAVIS ROAD (HAVING A 50-FOOT PUBLIC RIGHT-OF-WAY WIDTH, PER PLAT BOOK 24 PAGE 135), SAID IRON PIN HAVING A GEORGIA GRID NORTH, NAD83, WEST ZONE VALUE OF N: 1405073.3169 E: 2006580.0260; THENCE RUNNING ALONG A TIE LINE, SOUTH 66°47'12" WEST, 203.30 FEET TO A POINT ON THE LESSEE PREMISES LINE AND THE TRUE POINT OF BEGINNING, SAID POINT HAVING A GEORGIA GRID NORTH, NAD83, WEST ZONE VALUE OF N: 1404993.1851 E: 2006393.1842; THENCE ALONG SAID LESSEE PREMISES LINE, SOUTH 09°04'44" EAST, 100.00 FEET TO A POINT; THENCE, SOUTH 80°55'16" WEST, 100.00 FEET TO A POINT; THENCE, NORTH 09°04'44" WEST, 100.00 FEET TO A POINT; THENCE, NORTH 80°55'16" EAST, 100.00 FEET TO A POINT AND THE POINT OF BEGINNING.

BEARINGS ARE BASED ON GEORGIA GRID NORTH, NAD83, WEST ZONE.

SAID TRACT CONTAINS 0.2296 ACRES (10,000 SQUARE FEET), MORE OR LESS.

PARENT PARCEL LEGAL DESCRIPTION

PER US TITLE SOLUTIONS REPORT OF TITLE FILE NO. UST71799

TRACT ONE; ALL THAT TRACT OR PARCEL OF PROPERTY LYING AND BEING IN LAND LOT 941 AND 942 OF THE 20TH LAND DISTRICT, 3RD SECTION OF HARALSON COUNTY, GEORGIA MORE PARTICULARLY DESCRIBED AND DELINEATED AS A 8.890 ACRE TRACT OF LAND SHOWN ON THAT CERTAIN PLAT OF SURVEY FOR "JOHN TUCKER", DATED NOVEMBER 4, 1996, PREPARED BY HEAD, HATCH, & ASSOCIATES LAND SURVEYORS AND CERTIFIED BY CLAUDE E. HEAD, GRLS #2428 AND RECORDED IN PLAT BOOK 24, PAGE 135 OF THE PUBLIC LAND RECORDS OF HARALSON COUNTY, GEORGIA. SAID PLAT AND THE RECORD THEREOF ARE INCORPORATED HEREIN FOR A MORE ACCURATE AND DETAILED DESCRIPTION OF THE PROPERTY.

TRACT TWO: ALL THAT TRACT OR PARCEL OF PROPERTY LYING AND BEING IN LAND LOT 942 OF THE 20TH LAND DISTRICT, 3RD SECTION OF HARALSON COUNTY, GEORGIA MORE PARTICULARLY DESCRIBED AND DELINEATED AE A 10.26 ACRE TRACT OF LAND SHOWN ON THAT CERTAIN PLAT OF SURVEY FOR "CHARLES J. SHIPP", DATED APRIL 30, 1987, PREPARED AND CERTIFIED BY GILBERT O. MAULSBY, JR., GRLS # 1555 AND RECORDED IN PLAT BOOK 13, PAGE 160 OF THE PUBLIC LAND RECORDS OF HARALSON COUNTY, GEORGIA. SAID PLAT AND THE RECORD THEREOF ARE INCORPORATED HEREIN FAR A MORE ACCURATE AND DETAILED DESCRIPTION OF THE PROPERTY.

TRACT THREE: ALL THAT TRACT OR PARCEL OF PROPERTY LYING AND BEING IN LAND LOTS 941 AND 942 OF THE 20TH LAND DISTRICT,

3RD SECTION OF HARALSON COUNTY, GEORGIA MORE PARTICULARLY DESCRIBED AND DELINEATED AS A 31.82 ACRE TRACT OF LAND SHOWN ON THAT CERTAIN PLAT OF SURVEY FOR "HOWARD LOCKLEAR", DATED APRIL 20, 1989, PREPARED AND CERTIFIED BY GILBERT O. MAULSBY, JR., GRLS #1555 AND RECORDED IN PLAT BOOK 15, PAGE 156 OF THE PUBLIC LAND RECORDS OF HARALSON COUNTY, GEORGIA. SAID PLAT AND THE RECORD THEREOF ARE INCORPORATED HEREIN FOR A MORE ACCURATE AND DETAILED DESCRIPTION OF THE PROPERTY. SAID TRACTS ONE, TWO AND THREE ARE CONTIGUOUS TO ONE ANOTHER AND PRESENTLY BEAR A COMMON TAX MAP AND PARCEL NUMBER, THE SAME BEING 0084-0044.

LESS AND EXCEPT. THERE IS EXCEPTED AND EXCLUDED FROM THE ABOVE COMBINED THREE TRACTS OF PROPERTY THE FOLLOWING: ALL THAT TRACT OR PARCEL OF PROPERTY LYING AND BEING IN LAND LOTS 941 AND 942 OF THE 20 LAND DISTRICT, 3RD SECTION OF HARALSON COUNTY, GEORGIA MORE PARTICULARLY DESCRIBED AND DELINEATED AS A 6.785 ACRE TRACT OF LAND SHOWN ON THAT CERTAIN PLAT OF SURVEY FOR "DAVID BARCLAY AND KELLY BARCLAY", DATED AUGUST 12, 2013, PREPARED AND CERTIFIED BY WILLIAM B. SIMS, GRLS # 2996 AND RECORDED IN PLAT BOOK 45, PAGE 3 OF THE PUBLIC LAND RECORDS OF HARALSON COUNTY, GEORGIA. SAID PLAT AND THE RECORD THEREOF ARE INCORPORATED HEREIN FOR A MORE ACCURATE AND DETAILED DESCRIPTION OF THE PROPERTY.

30' INGRESS-EGRESS, FIBER & UTILITY EASEMENT

TOGETHER WITH A 30-FOOT WIDE INGRESS-EGRESS, FIBER AND UTILITY EASEMENT (15 FEET EACH SIDE OF CENTERLINE) LYING AND BEING IN LAND LOT 942 OF THE 20TH LAND DISTRICT OF HARALSON COUNTY, GEORGIA, AND BEING A PART OF THE LANDS OF DAVID BARCLAY AND KELLY BARCLAY AS RECORDED IN DEED BOOK 1088, PAGE 488, HARALSON COUNTY RECORDS, AND BEING MORE PARTICULARLY DESCRIBED BY THE FOLLOWING CENTERLINE DATA:

TO FIND THE POINT OF BEGINNING, COMMENCE AT AN ½-INCH REBAR FOUND ON THE SOUTHERN RIGHT-OF-WAY LINE OF BEN DAVIS ROAD (HAVING A 50-FOOT PUBLIC RIGHT-OF-WAY WIDTH, PER PLAT BOOK 24 PAGE 135), SAID IRON PIN HAVING A GEORGIA GRID NORTH, NAD83, WEST ZONE VALUE OF N: 1405073.3169 E: 2006580.0260; THENCE RUNNING ALONG A TIE LINE, SOUTH 66°47'12" WEST, 203.30 FEET TO A POINT ON THE LESSEE PREMISES LINE, SAID POINT HAVING A GEORGIA GRID NORTH, NAD83, WEST ZONE VALUE OF N: 1404993.1851 E: 2006393.1842; THENCE ALONG SAID LESSEE PREMISES LINE, SOUTH 09°04'44" EAST, 100.00 FEET TO A POINT; THENCE, SOUTH 80°55'16" WEST, 100.00 FEET TO A POINT; THENCE, NORTH 09°04'44" WEST, 15.00 FEET TO A POINT AND THE POINT OF BEGINNING; THENCE LEAVING SAID LESSEE PREMISES LINE, SOUTH 80°55'16" WEST, 15.00 FEET TO THE ENDING AT A POINT; THENCE, NORTH 09°04'44" WEST, 164.70 FEET TO THE ENDING AT A POINT ON THE SOUTHERN RIGHT-OF-WAY LINE OF BEN DAVIS ROAD.

BEARINGS ARE BASED ON GEORGIA GRID NORTH, NAD83, WEST ZONE.

LEGEND

POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
IPS	IRON PIN SET
IPF	IRON PIN FOUND
CMF	CONCRETE MONUMENT FOUND
UP	UTILITY POLE
N/F	NOW OR FORMERLY
TBM	TEMPORARY BENCHMARK
GW	GUY WIRE
EG	EDGE OF GRAVEL
HW	HARDWOOD TREE
POP	POPLAR
SG	SWEET GUM
OTP	OPEN TOP PIPE

20 0 40 80
GRAPHIC SCALE IN FEET
SCALE: 1" = 40'

SURVEY NOT VALID WITHOUT SHEET 1 OF 2

GEORGIA PROFESSIONAL LAND SURVEYOR
No. 3433
DAVID MICHAEL MILLER
06/18/21

NO.	DATE	REVISION
1	8/26/20	TITLE REVIEW
2	3/4/2021	TOWER LOCATION
3	6/18/21	MORTGAGES - NRW
4	9/7/22	REVISED TITLE

EXHIBIT SURVEY PREPARED BY:
POINT TO POINT LAND SURVEYORS
100 Governors Trace, Ste. 103
Peachtree City, GA 30269
(p) 678.565.4440
(f) 678.565.4497
(w) pointtopointsurvey.com

EXHIBIT SURVEY PREPARED FOR:

verizon

10300 OLD ALABAMA ROAD CONNECTOR
ALPHARETTA, GA 30022

MERIADOC

LAND LOTS 941 & 942
20TH DISTRICT, 3RD SECTION
HARALSON COUNTY, GEORGIA

DRAWN BY: RMR
CHECKED BY: JKL
APPROVED: D. MILLER
DATE: MAY 7, 2020
P2P JOB #: 200868GA

SHEET: 2 OF 2

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GENERAL NOTES:

1. THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.
2. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
3. THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK.
4. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
5. SITE GROUNDING SHALL COMPLY WITH VERIZON WIRELESS GROUNDING STANDARDS, LATEST EDITION, AND COMPLY WITH VERIZON WIRELESS GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN.
6. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING IS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.
7. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
8. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHALL BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ONE TIME IF POSSIBLE.
10. CONSTRUCTION MANAGER WILL CONFIRM FAA APPROVAL OF TOWER LOCATION BY ISSUING TOWER RELEASE FORM. NO TOWER SHALL BE CONSTRUCTED UNTIL THE TOWER RELEASE FORM IS ISSUED TO THE CONTRACTOR.
11. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE FINAL RF DESIGN AND TOWER STRUCTURAL ANALYSIS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
12. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
14. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO PROPERTY OUTSIDE THE LEASE PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR.
15. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.
16. SEEDING AND MULCHING OF THE SITE SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD.
17. PERMITS: OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES, INSPECTIONS, ETC.
18. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.
19. THE CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING ON THE WORK CONTAINED IN THIS DESIGN PACKAGE.

EXCAVATION & GRADING NOTES:

1. ALL CUT AND FILL SLOPES SHALL BE 3 : 1 MAXIMUM.
2. ALL EXCAVATIONS ON WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE FROM LOOSE MATERIAL AND EXCESS GROUND WATER. DEWATERING FOR EXCESS GROUND WATER SHALL BE PROVIDED IF REQUIRED.
3. CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC MATERIAL. IF SOUND SOIL IS NOT REACHED AT THE DESIGNATED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION BE FILLED WITH CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION.
4. ANY EXCAVATION OVER THE REQUIRED DEPTH SHALL BE FILLED WITH EITHER MECHANICALLY COMPACTED GRANULAR MATERIAL OF CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS.
5. AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE, AND BEFORE BACK FILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH.
6. BACK FILL SHALL BE:
   - APPROVED MATERIALS CONSISTING OF EARTH, LOAM, SANDY CLAY, SAND, GRAVEL, OR SOFT SHALE;
   - FREE FROM CLODS OR STONES OVER 2-1/2" MAXIMUM DIMENSIONS;
   - IN LAYERS AND COMPACTED.
7. SITE FILL MATERIAL AND FOUNDATION BACK FILL SHALL BE PLACED IN LAYERS, MAXIMUM 6" DEEP BEFORE COMPACTION. EACH LAYER SHALL BE SPRINKLED IF REQUIRED AND COMPACTED BY HAND OPERATED OR MACHINE TAMPERS TO 95% OF MAXIMUM DENSITY, AT THE OPTIMUM MOISTURE CONTENT €2% AS DETERMINED BY ASTM DESIGNATION D-698, UNLESS OTHERWISE APPROVED. SUCH BACK FILL SHALL NOT BE PLACED BEFORE 3 DAYS AFTER PLACEMENT OF CONCRETE.
8. THE FOUNDATION AREA SHALL BE GRADED TO PROVIDE WATER RUNOFF AND PREVENT WATER FROM STANDING. THE FINAL GRADE SHALL SLOPE AWAY IN ALL DIRECTIONS FROM THE FOUNDATION AND SHALL THEN BE COVERED WITH 4" DEEP COMPACTED STONE OR GRAVEL.
9. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL CITY, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STAW BALE SEDIMENT BARRIERS AND CHECK DAMS.
10. FILL PREPARATION:
    REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE PRIOR TO PLACING FILLS. PLOW STRIP OR BREAK UP SLOPED SURFACES STEEPER THAT 1 VERTICAL TO 4 HORIZONTAL SO FILL MATERIAL WILL BOND WITH EXISTING SURFACE. WHEN SUBGRADE OR EXISTING GROUND SURFACE TO RECEIVE FILL HAS A DENSITY LESS THAN THAT REQUIRED FOR FILL, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION OR AERATE SOIL AND RECOMPACT TO REQUIRED DENSITY.
11. REPLACE THE EXISTING WEARING SURFACE ON AREAS WHICH HAVE BEEN DAMAGED OR REMOVED DURING CONSTRUCTION OPERATIONS. SURFACE SHALL BE REPLACE TO MATCH EXISTING ADJACENT SURFACING AND SHALL BE OF THE SAME THICKNESS. NEW SURFACE SHALL BE FREE FROM CORRUGATIONS AND WAVES. EXISTING SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED IF INJURIOUS AMOUNTS OF EARTH, ORGANIC MATERIAL, OF OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ALL ADDITIONAL RESURFACING MATERIAL AS REQUIRED. BEFORE SURFACING IS REPLACED, SUBGRADE SHALL BE GRADED TO CONFORM TO REQUIRED SUBGRADE ELEVATIONS, AND LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED. DEPRESSIONS IN THE SUBGRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. SURFACING SHALL NOT BE USED FOR FILLING DEPRESSIONS IN THE SUBGRADE.
12. PROTECT EXISTING SURFACING AND SUBGRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING OR OTHER SUITABLE MATERIALS DESIGNED TO SPREAD EQUIPMENT LOADS. REPAIR DAMAGE TO EXISTING GRAVEL SURFACING OR SUBGRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTOR'S OPERATIONS. DAMAGED GRAVEL SURFACING SHALL BE RESTORED TO MATCH THE ADJACENT UNDAMAGED GRAVEL SURFACING AND SHALL BE OF THE SAME THICKNESS.
13. DAMAGE TO EXISTING STRUCTURES AND UTILITIES RESULTING FROM CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED / REPLACED TO OWNER'S SATISFACTION AT CONTRACTOR'S EXPENSE.
14. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH PROPERTY OWNER SO AS TO AVOID INTERRUPTIONS TO PROPERTY OWNER'S OPERATIONS.
15. ENSURE POSITIVE DRAINAGE DURING AND AFTER COMPLETION OF CONSTRUCTION.
16. RIPRAP SHALL BE CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY, AND FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI, OR OTHER DELETERIOUS SUBSTANCE.

LEGEND

- FENCE
- CONTOUR LINE
- PROPERTY LINE / ROW
- LEASE AREA
- EASEMENT
- DISCONNECT SWITCH
- METER
- CIRCUIT BREAKER
- CODED NOTE NUMBER
- CHEMICAL GROUND ROD
- GROUND ROD
- GROUND ROD WITH INSPECTION SLEEVE
- CADWELD TYPE CONNECTION
- COMPRESSION TYPE CONNECTION
- GROUND WIRE

verticalbridge
750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

PM&A
P. MARSHALL & ASSOCIATES

VERIZON SITE NAME:
MERIADOC

VERTICAL BRIDGE SITE ID:
US-GA-5748

NEAR 1011 BEN DAVIS ROAD
BUCHANAN, GA 30113

MDG LOCATION CODE:
5000236917

REV	DATE	DESCRIPTION
0	5/27/2020	ISSUED FOR LEASE EXHIBIT
1	6/19/2020	ISSUED FOR PRELIM CDS
2	8/10/2020	ISSUED FOR FINAL CDS
3	3/24/2021	REVISED TOWER TYPE
4	4/10/2024	UPDATED FINAL CDS
5	5/20/2025	UPDATED TO V.B. STAND.

DESIGNED: CTW
DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

ISSUED FOR REVIEW

GENERAL NOTES

C-1

NOTES:

1. SIGNS SHALL BE MADE OF ALUMINUM WITH ¼" HOLES ½" FROM EACH CORNER TO HANG SIGNS ONE FENCE
2. SIGNS SHALL BE INSTALLED AS FOLLOWS: GATE, VERIZON AND FCC TOWER REGISTRATION NUMBER. NO TRESPASSING. RF WARNING SIGN FENCE FACING ACCESS DRIVE: E911 STREET NUMBER SIGN
3. SIGNS SHALL BE INSTALLED WITH CENTER AT 5' ABOVE FINISH GRADE



8"

12"

FCC REGISTRATION SIGN

WHITE/GREEN BACKGROUND, WHITE/BLACK LETTERING.
MOUNTING LOCATION: GATE & BASE OF TOWER.
QUANTITY: 2



12"

24"

OWNER CONTACT SIGN

WHITE/GREEN BACKGROUND, BLACK/RED LETTERING
MOUNTING LOCATION: LEFT GATE OF COMPOUND GATE/LEFT GATE OF ACCESS GATE (IF APPLICABLE)
QUANTITY: 2



18"

12"

NOTICE RF SIGN (BLUE)

WHITE/BLUE BACKGROUND, WHITE/BLACK LETTERING
MOUNTING LOCATION: GATE & CENTERLINE OF FENCING AROUND SITE. (QTY 4)
WHERE ACCESS GATE INSTALLED (QTY. 5)



10"

14"

AUTHORIZED PERSONNEL SIGN

WHITE/BLUE BACKGROUND, WHITE/BLACK LETTERING
MOUNTING LOCATION: GATE & BASE OF TOWER.
QUANTITY: 1
WHERE ACCESS GATE INSTALLED (QTY. 2)



18"

24"

DANGER NO TRESPASSING SIGN

WHITE/ YELLOW BACKGROUND, RED/BLACK LETTERING
MOUNTING LOCATION: GATE & BASE OF TOWER
QUANTITY: 1
WHERE ACCESS GATE INSTALLED (QTY. 2)

000

E911 STREET

WHITE/ BLACK BACKGROUND, WHITE/ BLACK LETTERING
LETTERS TO BE A MINIMUM 5" TALL
MOUNTING LOCATION: GATE/ FENCE FACING ACCESS DRIVE
QUANTITY: 1

ISSUED FOR REVIEW

verticalbridge
750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

PM&A
P. MARSHALL & ASSOCIATES

VERIZON SITE NAME:
MERIADOC

VERTICAL BRIDGE SITE ID:
US-GA-5748

NEAR 1011 BEN DAVIS ROAD
BUCHANAN, GA 30113

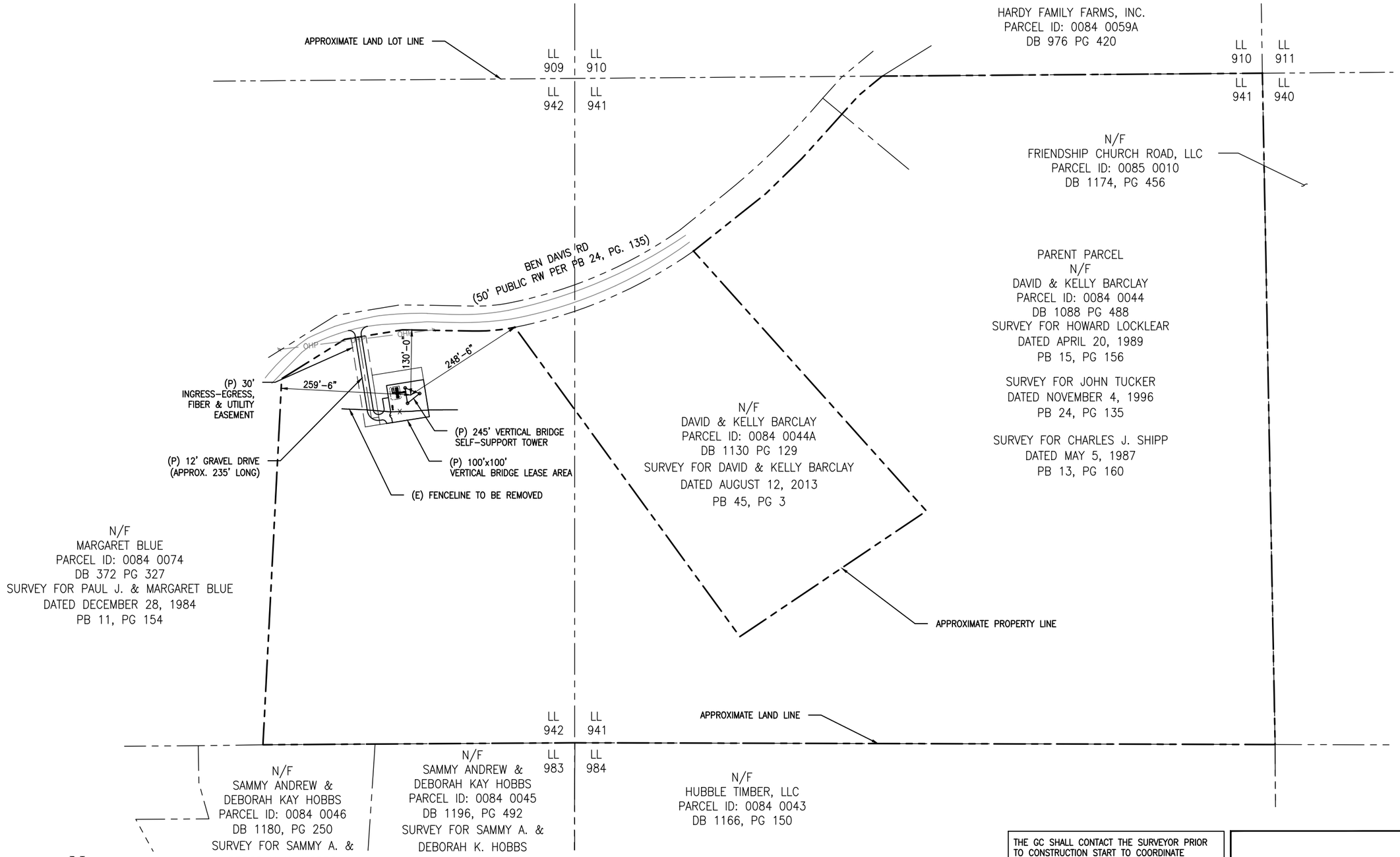
MDG LOCATION CODE:
5000236917

REV	DATE	DESCRIPTION
0	5/27/2020	ISSUED FOR LEASE EXHIBIT
1	6/19/2020	ISSUED FOR PRELIM CDS
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DESIGNED: CTW
DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

SITE SIGNAGE

C-1A



THE GC SHALL CONTACT THE SURVEYOR PRIOR TO CONSTRUCTION START TO COORDINATE STAKING AND PINNING THE CORNERS, DRIVEWAY AND CENTER OF TOWER.

PROPOSED SITE LOCATION:
LATITUDE: 33° 51' 30.74" NORTH (NAD 83)
LONGITUDE: -85° 7' 21.76" WEST (NAD 83)
GROUND ELEV: 1143.9' (NAVD 88)

FLOOD PLAIN NOTE:
PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X (AREA OF MINIMAL FLOOD HAZARD), PER F.I.R.M. COMMUNITY PANEL NO.: 13143C01808, DATED 9/26/2008.

ISSUED FOR REVIEW

verticalbridge
750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

PM&A
P. MARSHALL & ASSOCIATES

VERIZON SITE NAME:
MERIADOC

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NEAR 1011 BEN DAVIS ROAD
BUCHANAN, GA 30113

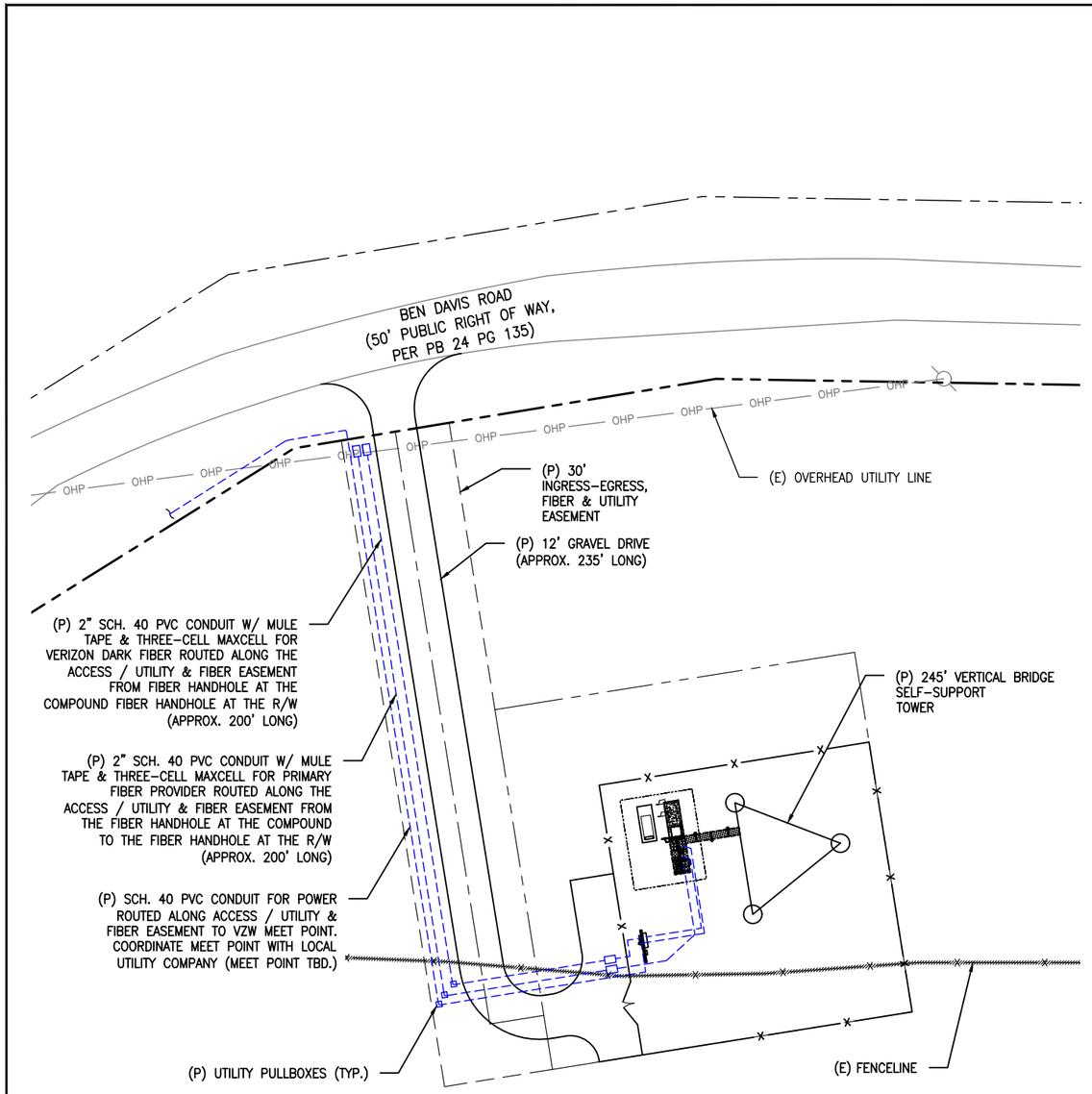
MDG LOCATION CODE:
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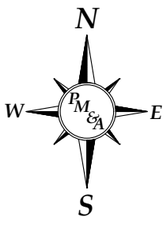
OVERALL BOUNDARY PLAN

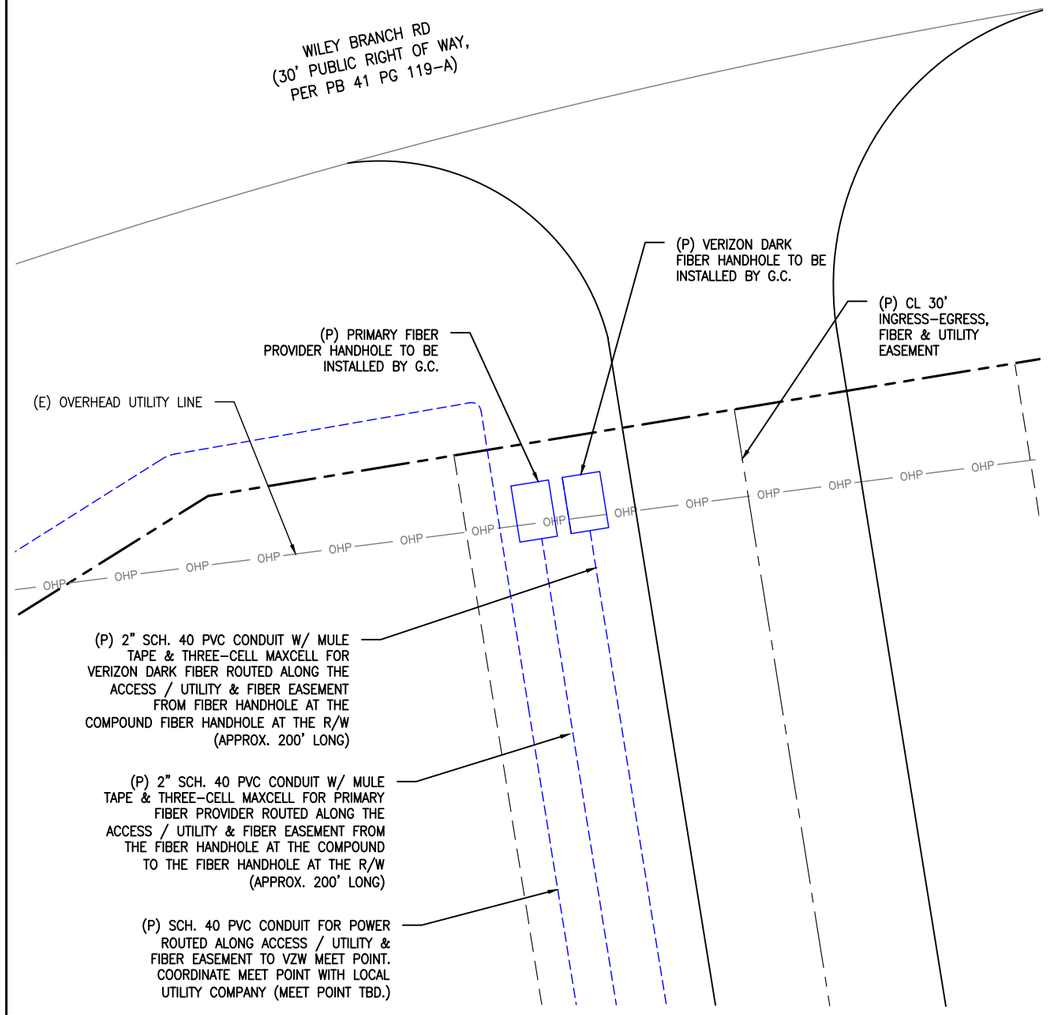
C-2



OVERALL SITE PLAN

20' 10' 0 20' 1"=20'-0" (FULL SIZE) 1"=40'-0" (11x17)





R/W FIBER HANDHOLE PLAN

4' 2' 0 4' 1/4"=1'-0" (FULL SIZE) 1/8"=1'-0" (11x17)

THE GC SHALL CONTACT THE SURVEYOR PRIOR TO CONSTRUCTION START TO COORDINATE STAKING AND PINNING THE CORNERS, DRIVEWAY AND CENTER OF TOWER.

PROPOSED SITE LOCATION:
LATITUDE: 33° 51' 30.74" NORTH (NAD 83)
LONGITUDE: -85° 7' 21.76" WEST (NAD 83)
GROUND ELEV: 1143.9' (NAVD 88)

FLOOD PLAIN NOTE:
PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X (AREA OF MINIMAL FLOOD HAZARD), PER F.I.R.M. COMMUNITY PANEL NO.: 13143C01808, DATED 9/26/2008.

ISSUED FOR REVIEW

verticalbridge
750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

PM&A
P. MARSHALL & ASSOCIATES

VERIZON SITE NAME:
MERIADOC

VERTICAL BRIDGE SITE ID:
US-GA-5748

NEAR 1011 BEN DAVIS ROAD
BUCHANAN, GA 30113

MDG LOCATION CODE:
5000236917

REV	DATE	DESCRIPTION
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1	6/19/2020	ISSUED FOR PRELIM CDS
2	8/10/2020	ISSUED FOR FINAL CDS
3	3/24/2021	REVISED TOWER TYPE
4	4/10/2024	UPDATED FINAL CDS
5	5/20/2025	UPDATED TO V.B. STAND.

DESIGNED: CTW
DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

OVERALL SITE PLAN

C-2A



AERIAL SITE PLAN

100' 50' 0 100' 1" = 100'-0" (FULL SIZE) 1" = 200'-0" (11x17)

THE GC SHALL CONTACT THE SURVEYOR PRIOR TO CONSTRUCTION START TO COORDINATE STAKING AND PINNING THE CORNERS, DRIVEWAY AND CENTER OF TOWER.

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LONGITUDE: -85° 7' 21.76" WEST (NAD 83)
GROUND ELEV: 1143.9' (NAVD 88)

FLOOD PLAIN NOTE:
PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X (AREA OF MINIMAL FLOOD HAZARD), PER F.I.R.M. COMMUNITY PANEL NO.: 13271C0075C, DATED 8/19/2010.

ISSUED FOR REVIEW

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750 PARK OF COMMERCE BLVD., STE. 200
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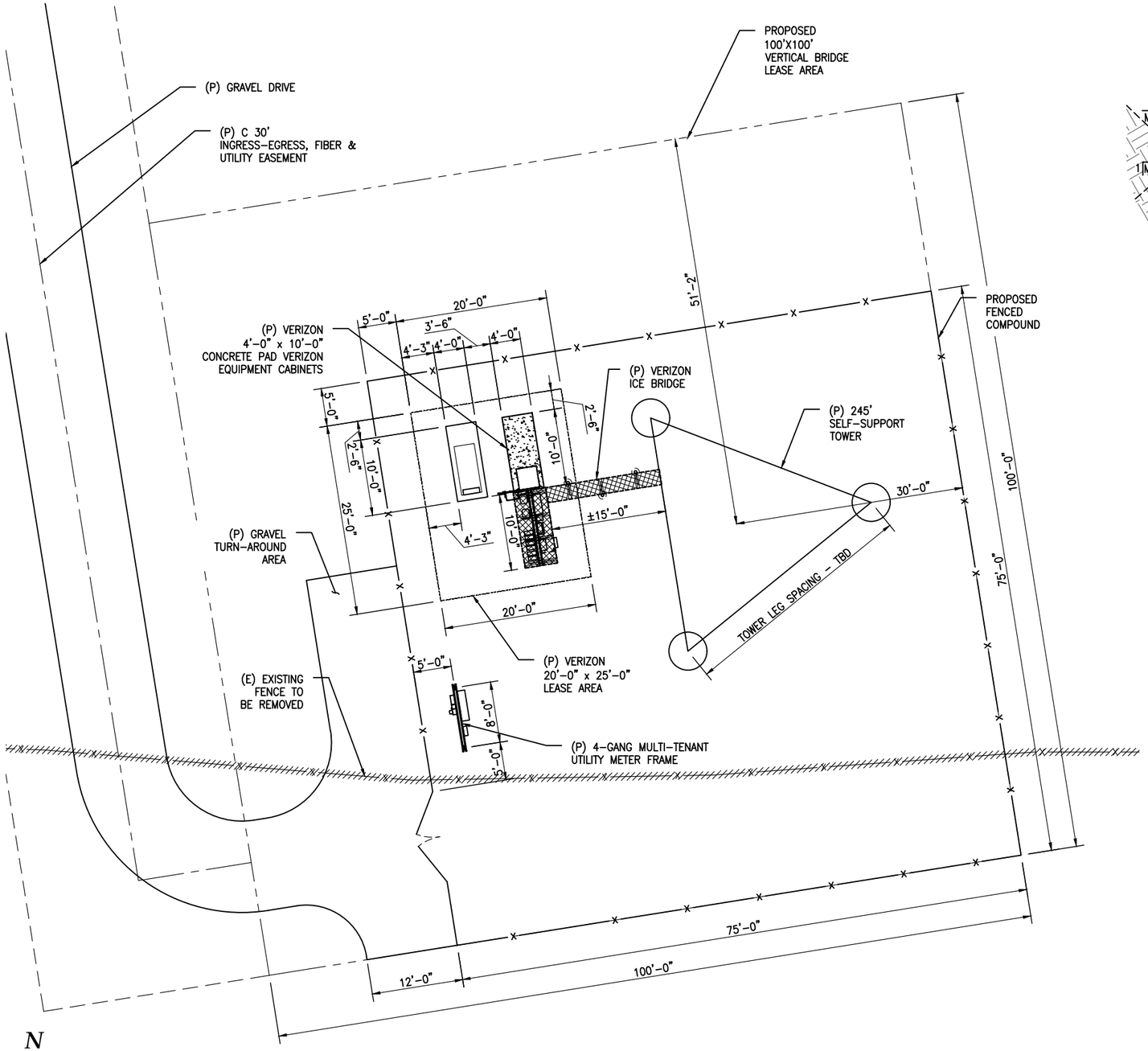
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DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

AERIAL SITE PLAN

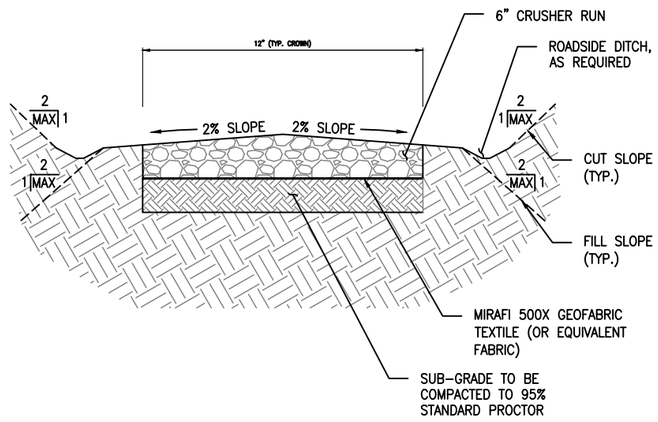
C-2B



ENLARGED SITE PLAN

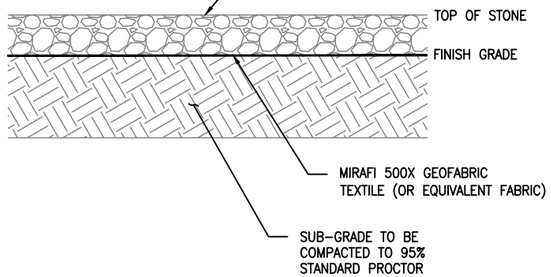
8' 4' 0 8'

1/8"=1'-0" (FULL SIZE)
1/16"=1'-0" (11x17)



ACCESS ROAD DETAILS

NOT TO SCALE



COMPOUND BASE DETAIL

NOT TO SCALE

verticalbridge
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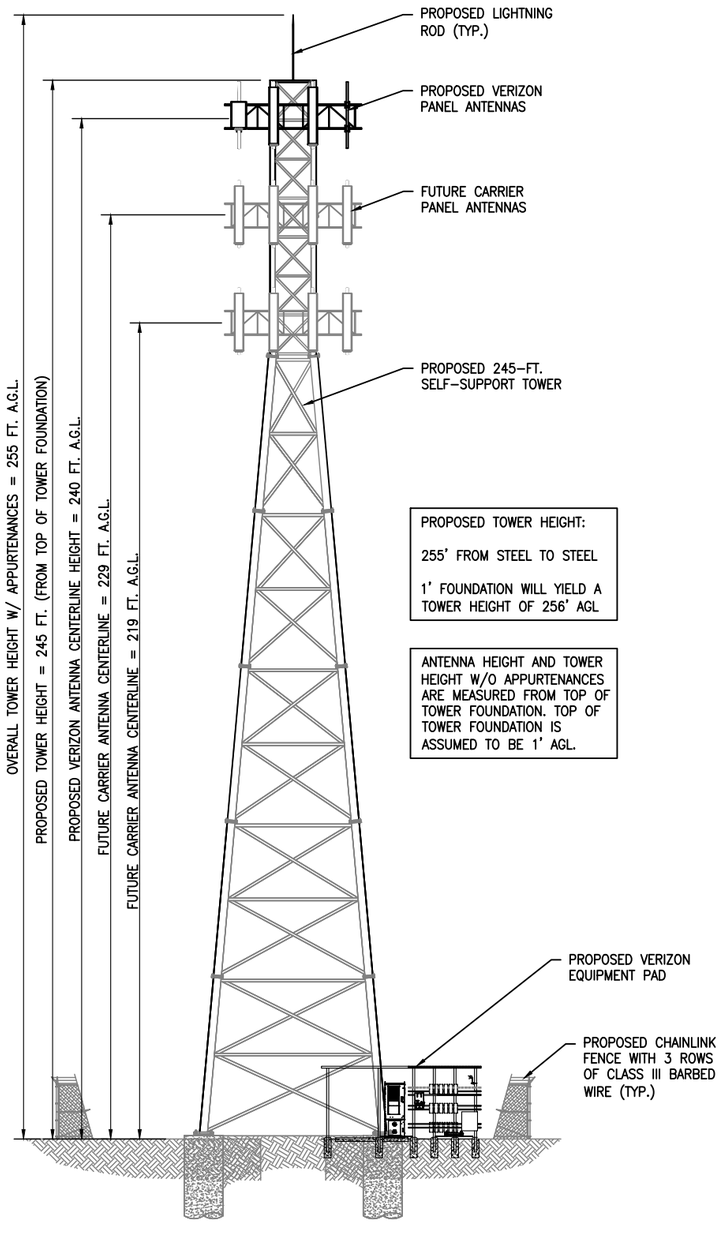
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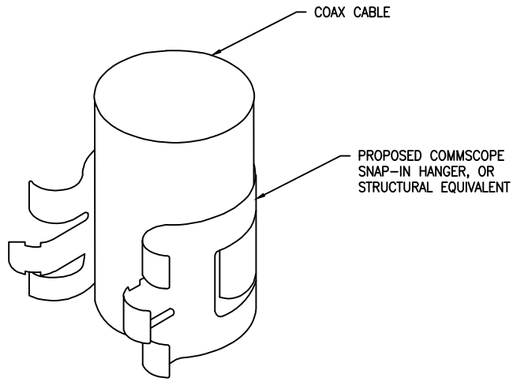
DETAILED EQUIPMENT PLAN

C-3



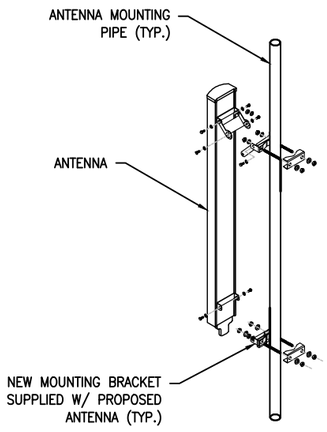
TOWER ELEVATION

NOT TO SCALE



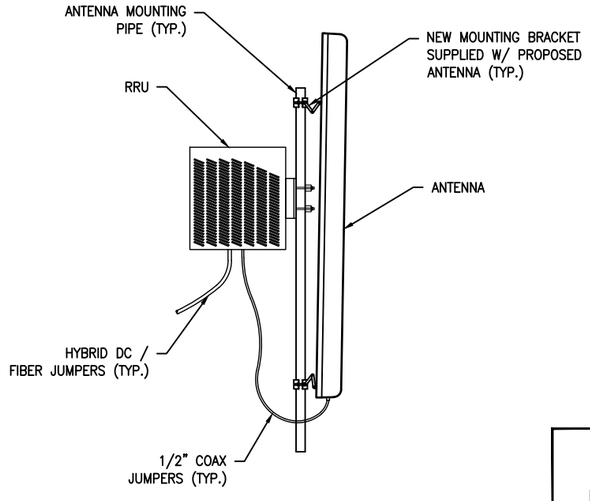
SNAP–IN HANGER

NOT TO SCALE



ANTENNA ISOMETRIC VIEW

NOT TO SCALE



ANTENNA / RRU MOUNT DETAIL

NOT TO SCALE

vertical bridge
750 PARK OF COMMERCE BLVD., STE. 200
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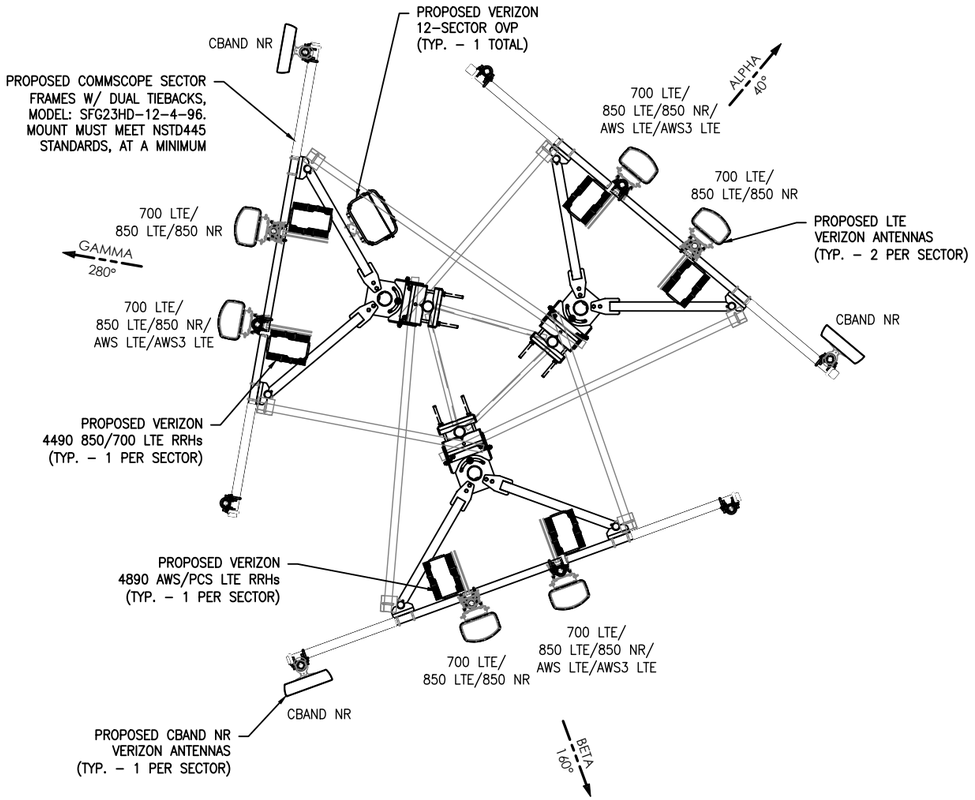
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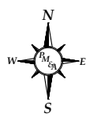
DESIGNED: CTW
DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

ISSUED FOR REVIEW

TOWER ELEVATION

C-4





FINAL ANTENNA ORIENTATION

NOT TO SCALE

FINAL ANTENNA & CABLE CONFIGURATION

RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANTITY	850 CDMA (850 MHZ) ANTENNAS	MECH. DOWNTILT	MOUNT	COAX SIZE & QUANTITY	HYBRID CABLE SIZE & QUANT.
–	–	–	–	–	–	–	–	–
	–	–	–	–	–			
	–	–	–	–	–			
RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANTITY	PCS CDMA (1900 MHZ) ANTENNAS	MECH. DOWNTILT	MOUNT	COAX SIZE & QUANTITY	HYBRID CABLE SIZE & QUANT.
–	–	–	–	–	–	–	–	–
	–	–	–	–	–			
	–	–	–	–	–			
RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANTITY	AWS LTE / AWS3 LTE (2100 MHZ) ANTENNAS	MECH. DOWNTILT	MOUNT	COAX SIZE & QUANTITY	HYBRID CABLE SIZE & QUANT.
255'	1	40°	SHARED	SHARED W/ 700 LTE & 850 LTE	0	(P) SECTOR MOUNT	–	(P) (2) 1-5/8" (6X12) HYBRID DC / FIBER CABLES
	2	160°	SHARED	SHARED W/ 700 LTE & 850 LTE	0			
	3	280°	SHARED	SHARED W/ 700 LTE & 850 LTE	0			
RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANTITY	850 LTE (850 MHZ) ANTENNAS	MECH. DOWNTILT	MOUNT	COAX SIZE & QUANTITY	
255'	1	40°	1	(P) COMMSCOPE NHH-65C-R2B	0	(P) SECTOR MOUNT	–	(P) (3) 1X2 HYBRID DC / FIBER JUMPERS FOR 4490 RRUs
	2	160°	1	(P) COMMSCOPE NHH-65C-R2B	0			
	3	280°	1	(P) COMMSCOPE NHH-65C-R2B	0			
RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANTITY	700 LTE (700 MHZ) ANTENNAS	MECH. DOWNTILT	MOUNT	COAX SIZE & QUANTITY	
255'	1	40°	1	(P) COMMSCOPE NHH-65C-R2B	0	(P) SECTOR MOUNT	–	(P) (3) 1X2 HYBRID DC / FIBER JUMPERS FOR 4890 RRUs
	2	160°	1	(P) COMMSCOPE NHH-65C-R2B	0			
	3	280°	1	(P) COMMSCOPE NHH-65C-R2B	0			
RAD CENTER	SECTOR	AZIMUTH (DEGREES)	QUANTITY	CBAND NR (6 GHZ) ANTENNAS	MECH. DOWNTILT	MOUNT	COAX SIZE & QUANTITY	
255'	1	40°	1	(P) ERICSSON AIR6419	0	(P) SECTOR MOUNT	–	(P) (3) 1X2 HYBRID DC / FIBER JUMPERS FOR AIR6419 ANTENNAS
	2	160°	1	(P) ERICSSON AIR6419	0			
	3	280°	1	(P) ERICSSON AIR6419	0			

QUANTITY	ANTENNA MOUNTS
1	(P) COMMSCOPE SECTOR FRAMES W/ DUAL TIEBACKS, MODEL: SFG23HD-12-4-96
QUANTITY	OVPs
1	(P) RAYCAP RVZDC-6627-PF-48 OVP (EQUIPMENT LEVEL)
1	(P) RAYCAP RVZDC-6627-PF-48 OVP (ANTENNA LEVEL)
QUANTITY	RRHs
3	(P) 4490 RRUs 850/700 (ANTENNA LEVEL)
3	(P) 4890 RRUs AWS/PCS (ANTENNA LEVEL)
QUANTITY	DIPLEXERS / TMAs
–	–
–	–

verticalbridge
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ISSUED FOR REVIEW

ANTENNA ORIENTATION & CONFIG. TABLE

C-5

Co CONSTRUCTION EXIT – TO REDUCE OR ELIMINATE THE TRANSPORT OF MUD FROM THE CONSTRUCTION AREA ONTO PUBLIC RIGHT–OF–WAYS, STREETS, ALLEYS, SIDEWALKS, OR PARKING AREAS.

Sd1–C TYPE C SEDIMENT BARRIER – TO PREVENT ANY SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE AND ENTERING NATURAL DRAINAGE WAYS OR STORM DRAINAGE SYSTEMS.

Ds2 DISTURBED AREA STABILIZATION (TEMPORARY) – TO ESTABLISH A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDLINGS ON DISTURBED AREAS.

Ds3 DISTURBED AREA STABILIZATION (PERMANENT) – TO ESTABLISH A PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.

Du DISTURBED AREA DUST CONTROL – TO CONTROL THE SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADWAYS, AND SIMILAR SITES.

Cd CHECK DAM – SMALL, TEMPORARY DAM CONSTRUCTED ACROSS A SWALE OR DRAINAGE DITCH TO COUNTERACT EROSION CONTROL BY REDUCING THE VELOCITY OF STORMWATER RUNOFF.

Mb MAT BLANKETING – A PROTECTIVE COVERING (BLANKET) OR SOIL STABILIZATION MAT USED TO ESTABLISH PERMANENT VEGETATION ON STEEP SLOPES. INSTALL ON SLOPES STEEPER THAN 2.5:1 AND GREATER THAN 10'.

Su SURFACE ROUGHENING – TO PROVIDE A ROUGH SOIL SURFACE ON THE CONTOUR TO AID IN THE ESTABLISHMENT OF VEGETATIVE COVER WIHT SEED AND REDUCE THE RUNOFF VELOCITY WHILE INCREASING THE INFILTRATION.

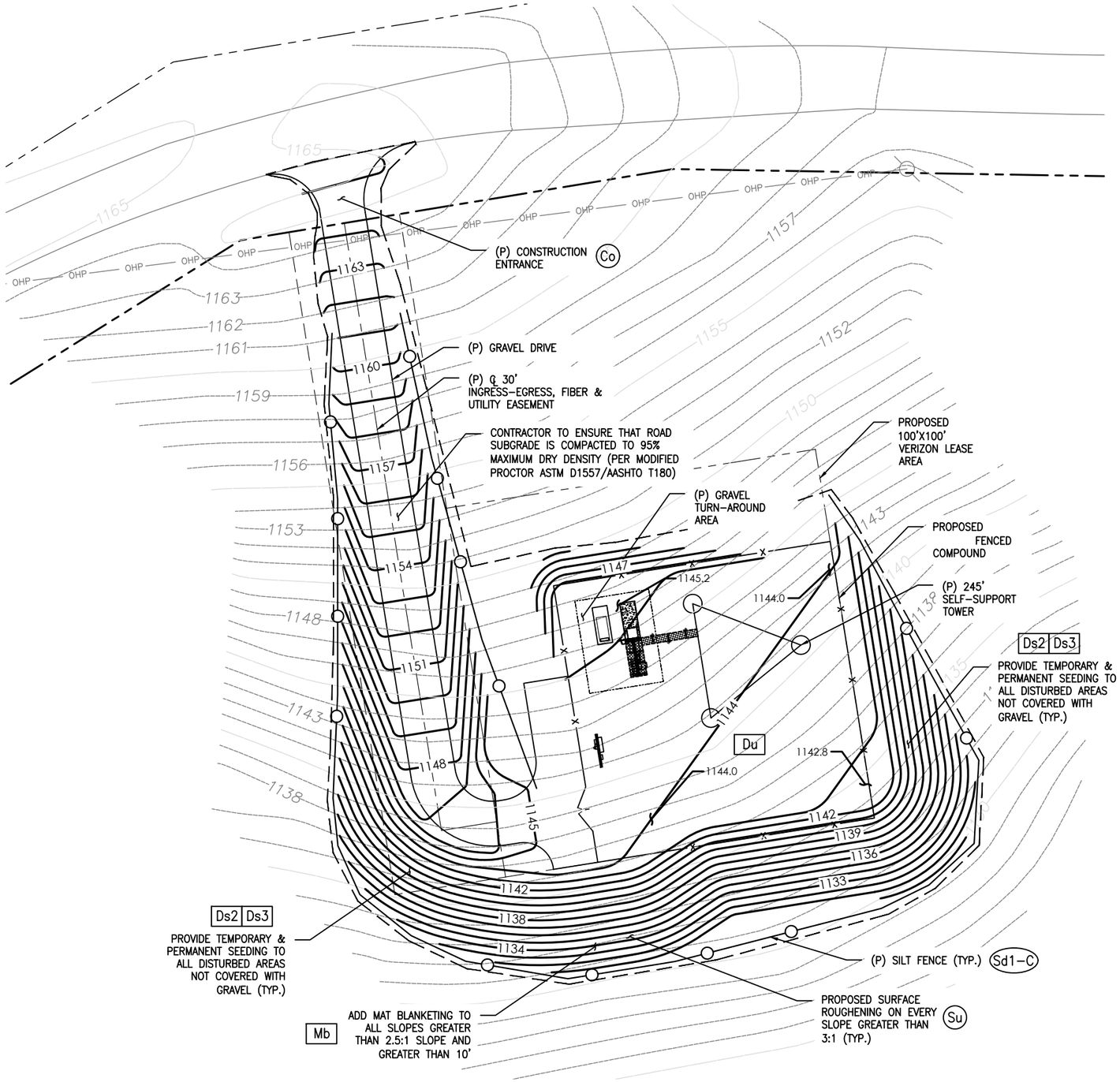
DISTURBED AREAS LEFT IDLE SHALL BE STABILIZED WITH TEMPORARY VEGETATION AFTER 14 DAYS; AFTER 30 DAYS PERMANENT VEGETATION SHALL BE ESTABLISHED

MAINTENANCE STATEMENT
EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN AND REPAIRED BY THE GENERAL CONTRACTOR

ADDITIONAL EROSION CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON–SITE INSPECTION

GRUBBING NOTE:
CONTRACTOR SHALL GRUB APPROXIMATELY 4" OF TOP SOIL FROM PROPOSED ACCESS ROAD AND FENCED COMPOUND AREA. TOP SOIL SHALL BE REMOVED AND REPLACED WITH CLEAN FILL PRIOR TO THE INSTALLATION OF GEOFABRIC.

LIMITS OF DISTURBANCE: 20,735 S.F. (0.48 ACRES)



GRADING & EROSION CONTROL PLAN
16' 8' 0 16'
1/16"=1'–0" (FULL SIZE)
1/32"=1'–0" (11x17)

N W E S

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GRADING & EROSION CONTROL PLAN

C-6

PIEDMONT VEGETATIVE COVERS

CALENDAR MONTH	TEMPORARY SEED	APPLICATION RATE/ACRE	PERMANENT SEED	APPLICATION RATE/ACRE
1. JANUARY	RYE GRASS	40–50 LB.	UNHULLED BERMUDA SERICEA LESPEDEZA [2]	8–10 LB. 30–40 LB. [1]
2. FEBRUARY			UNHULLED BERMUDA SERICEA LESPEDEZA [2] FESCUE	8–10 LB. 30–40 LB. 30–50 LB.
3. MARCH	RYE ANNUAL LESPEDEZA WEEPING LOVE GRASS	2–3 BU. 20–25 LB. 4–6 LB.	UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8–10 LB. 30–40 LB. 30–50 LB.
4. APRIL	RYE BROWN TOP MILLET ANNUAL LESPEDEZA SUDAN ANNUAL	2–3 BU. 30–40 LB. 20–25 LB. 35 LB.	WEEPING LOVE GRASS HULLED BERMUDA BAHIA	4–6 LB. 5–6 LB. 40–60 LB.
5. MAY	WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MILLET	4–6 LB. 35 LB. 30–40 LB.	WEEPING LOVE GRASS HULLED BERMUDA BAHIA	4–6 LB. 5–6 LB. 40–60 LB.
6. JUNE	WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MILLET	4–6 LB. 35 LB. 30–40 LB.	WEEPING LOVE GRASS HULLED BERMUDA BAHIA	4–6 LB. 5–6 LB. 40–60 LB.
7. JULY	WEEPING LOVE GRASS SUDAN GRASS BROWN TOP MILLET	4–6 LB. 35 LB. 30–40 LB.		
8. AUGUST	RYE GRASS WEEPING LOVE GRASS	40–50 LB. 4–6 LB.		
9. SEPTEMBER			TALL FESCUE	30–50 LB.
10. OCTOBER	WHEAT	2–3 BU.	UNHULLED BERMUDA SERICEA LESPEDEZA [2] FESCUE	8–10 LB. 30–40 LB. 30–50 LB.
11. NOVEMBER	WHEAT	2–3 BU.	UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8–10 LB. 30–40 LB. 30–50 LB.
12. DECEMBER	RYE RYE GRASS WHEAT	2–3 BU. 40–50 LB. 2–3 BU.	UNHULLED BERMUDA SERICEA LESPEDEZA FESCUE	8–10 LB. 30–40 LB. 30–50 LB.

[1] USE A MINIMUM OF 40 LBS. SCARIFIED SEED. THE REMAINDER MAY BE UNSCARIFIED, CLEAN HULLED SEED.

[2] USE EITHER COMMON SERALA OR INTERSTATE SERICEA LESPEDEZA.

Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

Ds3 DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON ROAD CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS

DUE TO GRADING AND CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

HYDRAULIC SEEDING EQUIPMENT: WHEN HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS USED, NO GRADING AND SHAPING OR SEEDBED PREPARATION WILL BE REQUIRED. THE FERTILIZER, SEED AND WOOD CELLULOSE FIBER MULCH WILL BE MIXED WITH WATER AND APPLIED IN A SLURRY. ALL SLURRY INGREDIENTS MUST BE COMBINED TO FORM A HOMOGENOUS MIXTURE, AND SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER MIXTURE IS MADE. STRAW OR HAY MULCH AND ASPHALT EMULSION WILL BE APPLIED WITH BLOWER–TYPE MULCH SPREADING EQUIPMENT WITHIN 24 HOURS AFTER SEEDING. THE MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

A. SEEDING WITH MULCH: (HYDRAULIC SEEDING EQUIPMENT ON SLOPES 3:1 AND STEEPER)

AGRICULTURAL LIMESTONE #75	4000 LBS./ACRE
FERTILIZER, 5–10–15	1500 LBS./ACRE
MULCH (STRAW OR HAY) OR	5000 LBS./ACRE
WOOD CELLULOSE FIBER MULCH	1000 LBS./ACRE

SEED SPECIES	APPLICATION RATE/ACRE	PLANTING DATES
SERICEA LESPEDEZA, SCARIFIED WEEPING LOVE GRASS, OR COMMON BERMUDA, HULLED	60 LBS. 4 LBS. 6 LBS.	3/1 – 6/15
FESCUE SERICEA LESPEDEZA, UNSCARIFIED	40 LBS. 60 LBS.	9/1 – 10/31
FESCUE SERICEA LESPEDEZA, UNSCARIFIED RYE	40 LBS. 75 LBS. 50 LBS.	11/1 – 2/28
HAY MULCH FOR TEMPORARY COVER	5000 LBS.	6/15 – 8/31

B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS./ACRE

C. SECOND–YEAR TREATMENT:

FERTILIZER (0–20–20 OR EQUIVALENT) 500 LBS./ACRE

GENERAL

THIS VEGETATIVE PLAN WILL BE CARRIED OUT ON ROAD CUT AND FILL SLOPES, SHOULDERS, AND OTHER CRITICAL AREAS CREATED BY CONSTRUCTION. SEEDING WILL BE DONE AS SOON AS CONSTRUCTION IN AN AREA IS COMPLETED. PLANTINGS WILL BE MADE TO CONTROL EROSION, TO REDUCE DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS AND TO IMPROVE THE SAFETY AND BEAUTY OF THE DEVELOPMENT AREA.

SOIL CONDITIONS

DUE TO GRADING AND CONSTRUCTION, THE AREAS TO BE TREATED ARE MAINLY SUBSOIL AND SUBSTRATES. FERTILITY IS LOW AND THE PHYSICAL CHARACTERISTICS OF THE EXPOSED MATERIAL ARE UNFAVORABLE TO ALL BUT THE MOST HARDY PLANTS.

TREATMENT SPECIFICATIONS

CONVENTIONAL SEEDING EQUIPMENT: GRADE, SHAPE, AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED, AND FIRMED. SEEDING WILL BE DONE WITH A CULTIPACKER–SEEDER, DRILL, ROTARY SEEDER, OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESHLY PREPARED SEEDBED AND COVERED LIGHTLY. WITHIN 24 HOURS AFTER SEEDING, STRAW OR HAY MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER–TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL. THE PER ACRE APPLICATION RATES ARE AS FOLLOWS:

A. SEEDING WITH MULCH: (CONVENTIONAL SEEDING EQUIPMENT ON SLOPES LESS THAN 3:1)

AGRICULTURAL LIMESTONE #75	4000 LBS./ACRE
FERTILIZER, 5–10–15	1500 LBS./ACRE
MULCH (STRAW OR HAY)	5000 LBS./ACRE

SEED SPECIES	APPLICATION RATE/ACRE	PLANTING DATES
HULLED COMMON BERMUDA GRASS	10 LBS.	3/1 – 6/15
FESCUE	50 LBS.	9/1 – 10/31
FESCUE RYE GRASS	50 LBS. 50 LBS.	11/1 – 2/28
HAY MULCH FOR TEMPORARY COVER	5000 LBS.	6/15 – 8/31

B. TOP DRESSING: APPLY WHEN PLANTS ARE 2 TO 4 INCHES TALL

FERTILIZER (AMMONIUM NITRATE 33.5%) 300 LBS./ACRE

C. SECOND–YEAR TREATMENT:

FERTILIZER (5–10–15 OR EQUIVALENT) 800 LBS./ACRE

Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

Ds3 DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

ISSUED FOR REVIEW

verticalbridge

750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

P. MARSHALL & ASSOCIATES

VERIZON SITE NAME:
MERIADOC

VERTICAL BRIDGE SITE ID:
US-GA-5748

NEAR 1011 BEN DAVIS ROAD
BUCHANAN, GA 30113

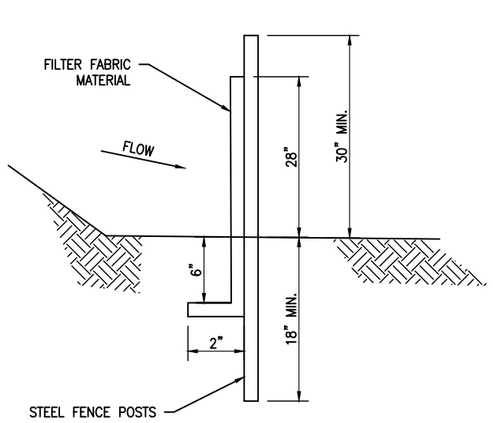
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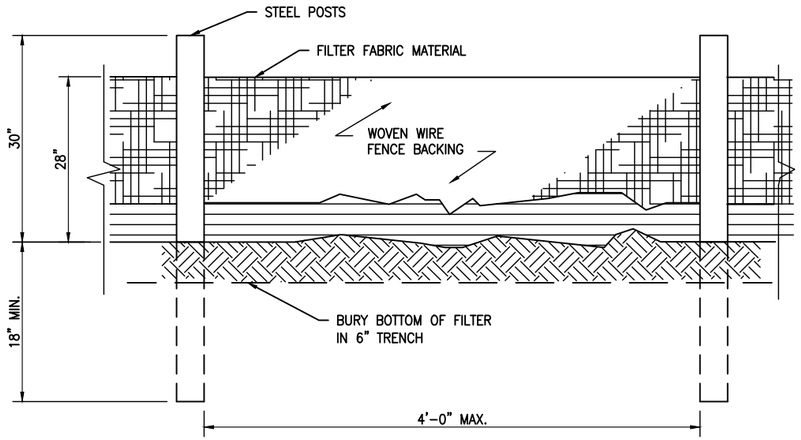
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CHECKED: CTW
JOB#: 25VBVW32N-002

RF DESIGN

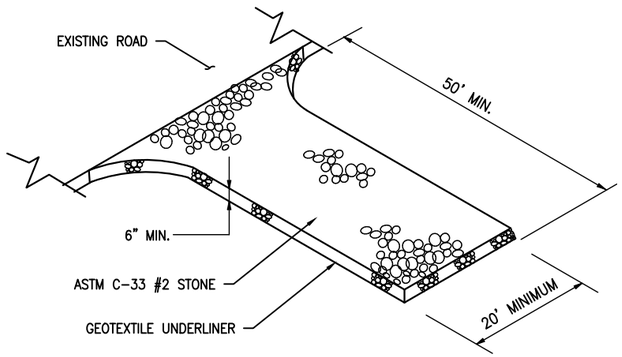
C-7



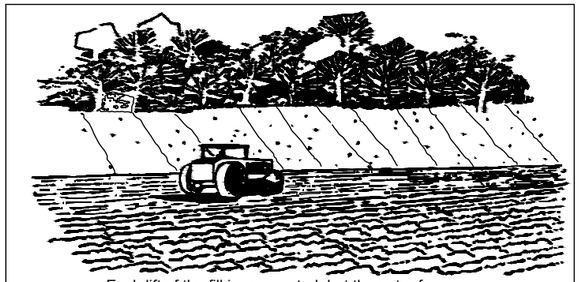


NOTE: USE 36" DOT APPROVED FABRIC
USE STEEL POSTS

Sd1-C SILT FENCE, TYPE-C
NOT TO SCALE

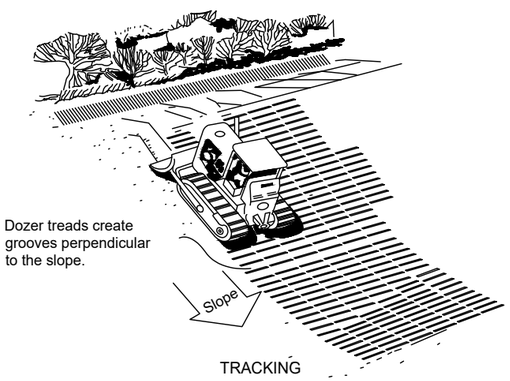


Co CONSTRUCTION EXIT
NOT TO SCALE



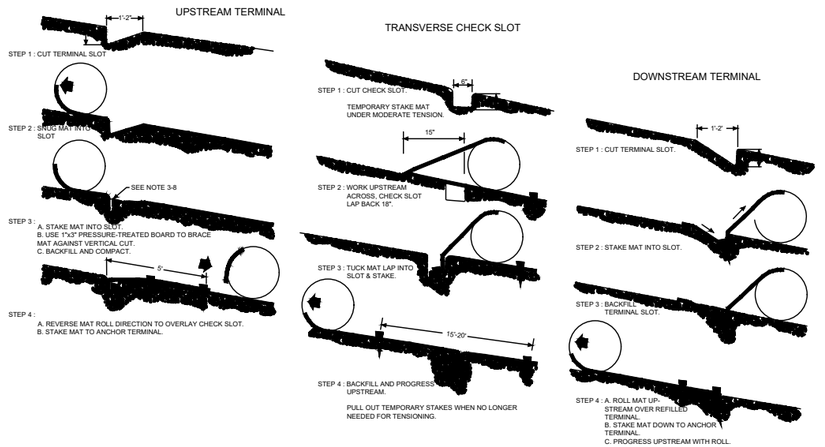
Each lift of the fill is compacted, but the outer face of the slope is allowed to remain loose so that the rocks, clods, etc. reach the natural angle of repose.

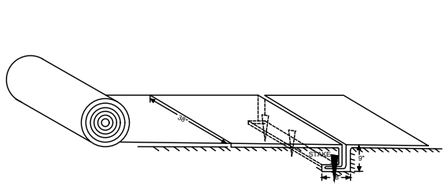
FILL SLOPE TREATMENT



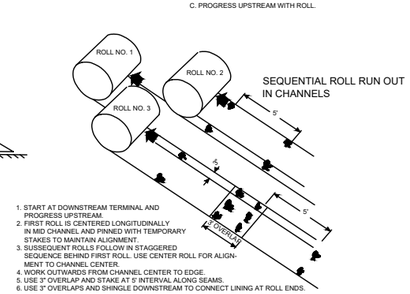
TRACKING

Su SURFACE ROUGHENING
NOT TO SCALE





PICTORAL VIEW OF TRANSVERSE SLOT



1. START AT DOWNSTREAM TERMINAL AND PROGRESS UPSTREAM.
2. FIRST ROLL IS CENTERED LONGITUDINALLY IN MID CHANNEL AND PINNED WITH TEMPORARY STAKES TO MAINTAIN ALIGNMENT.
3. SUSSEQUENT ROLLS FOLLOW IN STAGGERED SEQUENCE BEHIND FIRST ROLL. USE CENTER ROLL FOR ALIGNMENT TO CHANNEL CENTER.
4. WORK OUTWARDS FROM CHANNEL CENTER TO EDGE.
5. USE 3" OVERLAP AND STAKE AT 3' INTERVAL ALONG SEAMS.
6. USE 3" OVERLAPS AND SHINGLE DOWNSTREAM TO CONNECT LINING AT ROLL ENDS.

Mb MAT BLANKETING
NOT TO SCALE

vertical bridge
750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

PM&A
P. MARSHALL & ASSOCIATES

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DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

GRADING & EROSION CONTROL DETAILS

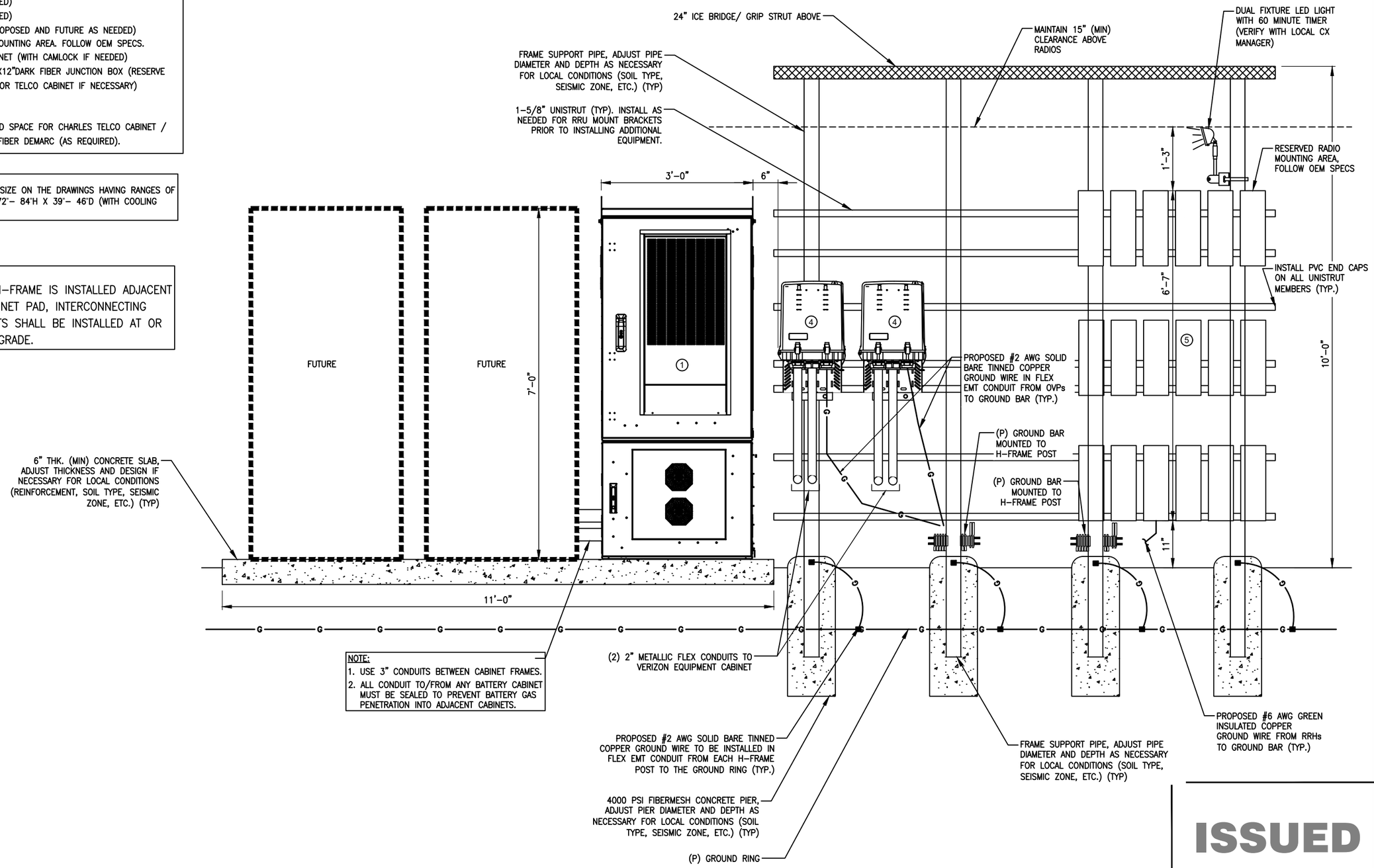
C-8

LEGEND

1. PRIMARY CABINET
2. (NOT USED)
3. (NOT USED)
4. OVP (PROPOSED AND FUTURE AS NEEDED)
5. RADIO MOUNTING AREA. FOLLOW OEM SPECS.
6. ILC CABINET (WITH CAMLOCK IF NEEDED)
7. 24"X24"X12"DARK FIBER JUNCTION BOX (RESERVE SPACE FOR TELCO CABINET IF NECESSARY)
8. N/A
9. RESERVED SPACE FOR CHARLES TELCO CABINET / CIENA/ FIBER DEMARC (AS REQUIRED).

NOTE:
EACH CABINET SIZE ON THE DRAWINGS HAVING RANGES OF 30"– 36"W X 72"– 84"H X 39"– 46"D (WITH COOLING SYSTEM)

NOTE:
1. WHEN H–FRAME IS INSTALLED ADJACENT TO CABINET PAD, INTERCONNECTING CONDUITS SHALL BE INSTALLED AT OR ABOVE GRADE.



NOTE:
1. USE 3" CONDUITS BETWEEN CABINET FRAMES.
2. ALL CONDUIT TO/FROM ANY BATTERY CABINET MUST BE SEALED TO PREVENT BATTERY GAS PENETRATION INTO ADJACENT CABINETS.

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ISSUED FOR REVIEW

EQUIPMENT ELEVATIONS

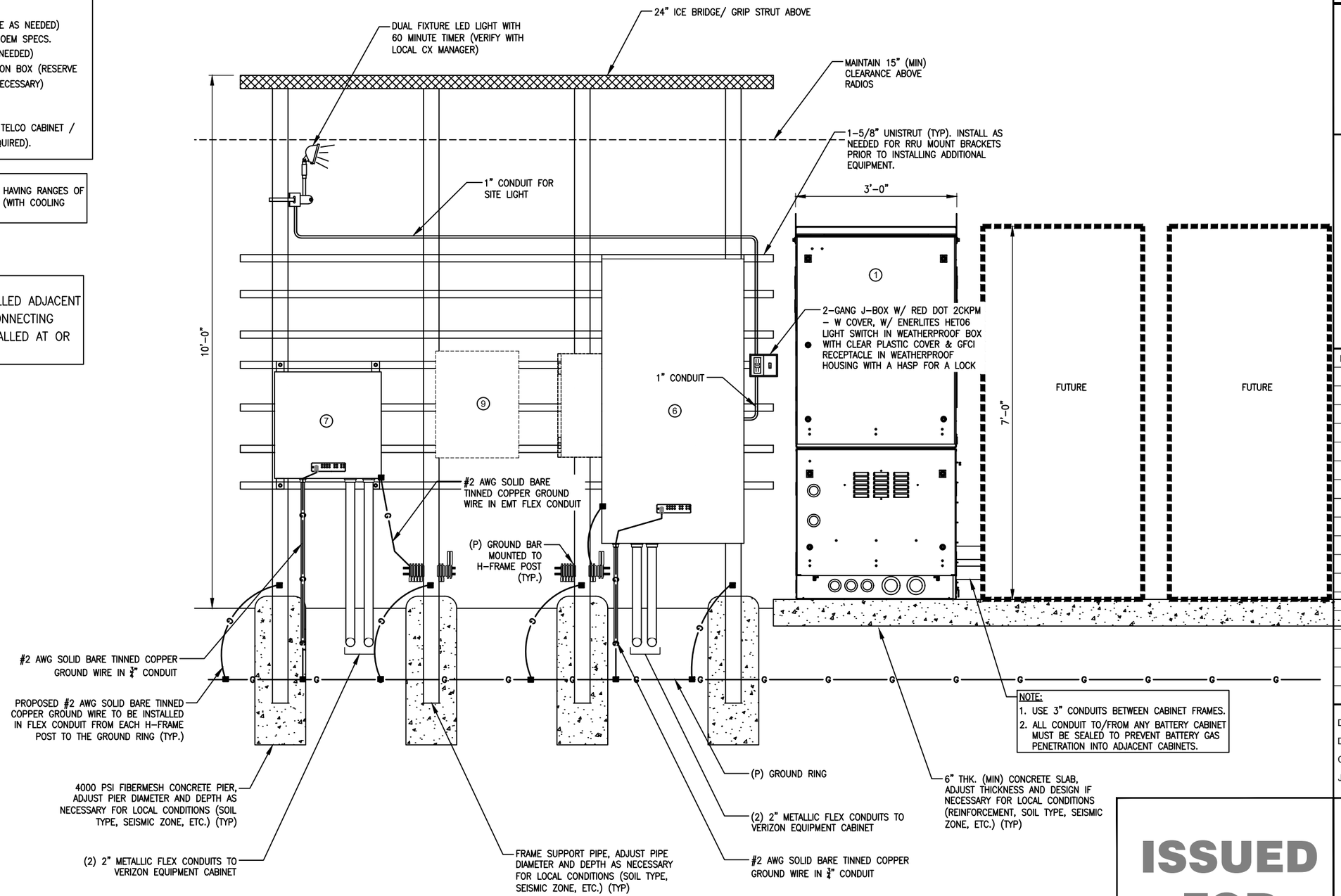
C-9

LEGEND

1. PRIMARY CABINET
2. (NOT USED)
3. (NOT USED)
4. OVP–12 (PROPOSED AND FUTURE AS NEEDED)
5. RADIO MOUNTING AREA. FOLLOW OEM SPECS.
6. ILC CABINET (WITH CAMLOCK IF NEEDED)
7. 24"x24"x12" DARK FIBER JUNCTION BOX (RESERVE SPACE FOR TELCO CABINET IF NECESSARY)
8. N/A
9. RESERVED SPACE FOR CHARLES TELCO CABINET / CIENA / FIBER DEMARC (AS REQUIRED).

NOTE:
EACH CABINET SIZE ON THE DRAWINGS HAVING RANGES OF 30"– 36"W X 72"– 84"H X 39"– 46"D (WITH COOLING SYSTEM)

NOTE:
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NOTE:
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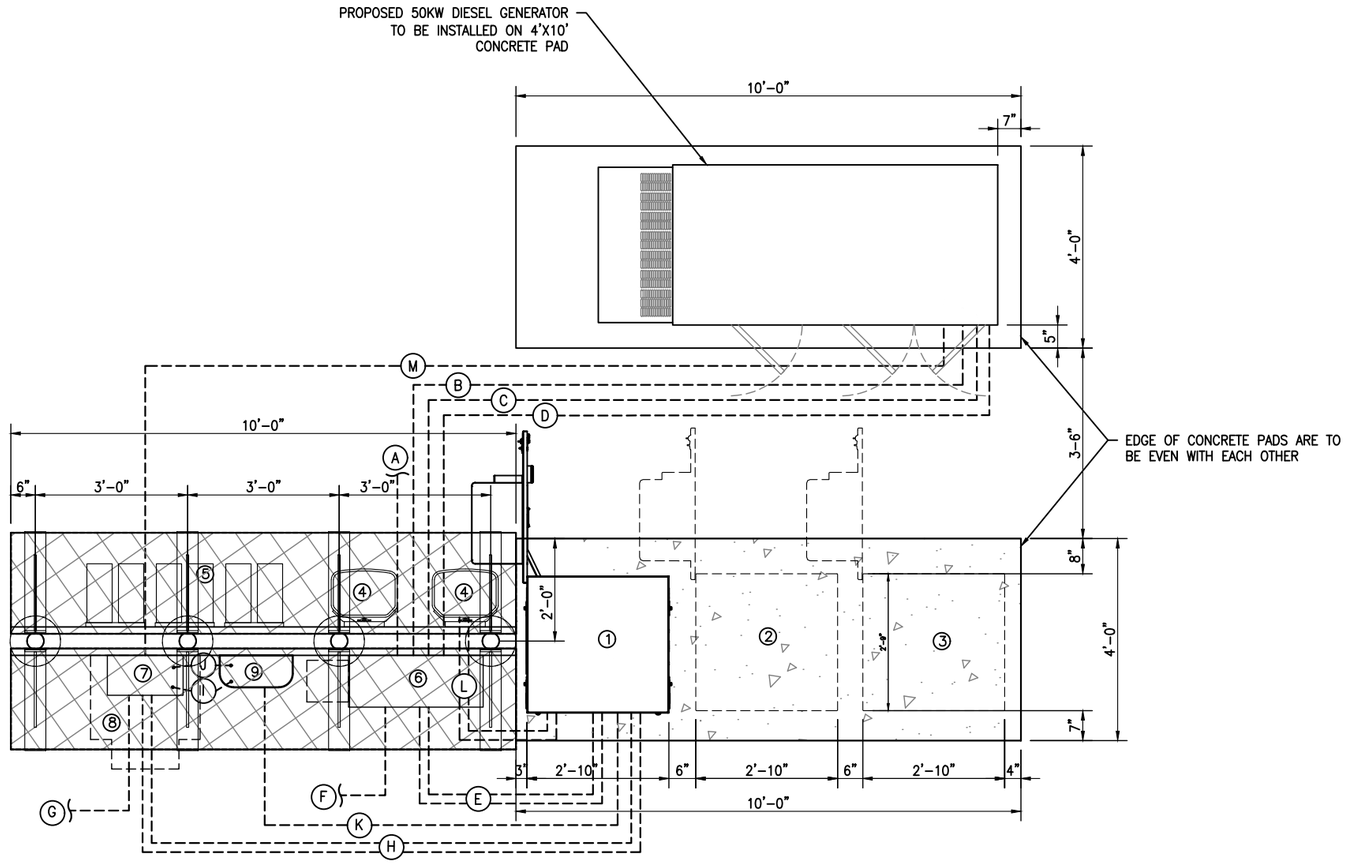
EQUIPMENT ELEVATIONS

C-9A

LEGEND

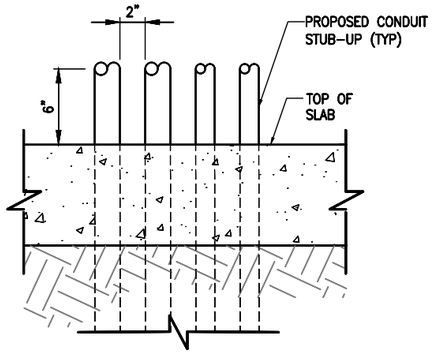
1. PRIMARY CABINET
2. BATTERY CABINET
3. GROWTH CABINET
4. OVP (PROPOSED AND FUTURE AS NEEDED)
5. (RESERVE SPACE FOR FUTURE GROUND RADIOS)
6. ILC CABINET
7. DARK FIBER JUNCTION BOX (RESERVE SPACE FOR CHARLES TELCO CABINET IF NECESSARY)
8. RESERVE PLACE FOR CHARLES TELCO
9. FIBER DEMARC FOR TELCO (AS REQUIRED)
10. METER & DISCONNECT SWITCH (AS REQUIRED)
11. 50KW DIESEL GENERATOR

UNDERGROUND CONDUIT SCHEDULE				
NO.	SIZE	FROM	TO	FOR
A	2"	DISC. SWITCH (AS REQUIRED)	ILC	POWER
B	2"	ILC	GENERATOR MAIN SWITCH	POWER
C	1"	ILC	GENERATOR	POWER, HEATER & BATT
D	1"	ILC	GENERATOR	CONTROL / ALARMS
E	(2)1-½"	ILC	PRIMARY CABINET	POWER
F	1"	ILC	GFCI / LIGHT	POWER
G	2"	VZW FIBER HH	TELCO DEMARC BOX	TELCO
H	(2) 2"	TELCO BOX	EQUIPMENT CABINETS	TELCO
I	1-1/4"	TELCO BOX	FIBER (N.I.U)	TELCO
J	1-1/4"	TELCO BOX	FIBER (N.I.U)	TELCO
K	1-1/4"	EQUIPMENT CABINET	FIBER (N.I.U)	POWER
L	(2) 2"	PRIMARY CABINET	OVP	POWER/TELCO
M	1"	TELCO BOX	GENERATOR	ALARMS



EQUIPMENT LAYOUT & STUB-UP PLAN

NOT TO SCALE



CONDUIT STUB-UP PLAN (EQUIPMENT SLAB)

NOT TO SCALE

vertical bridge

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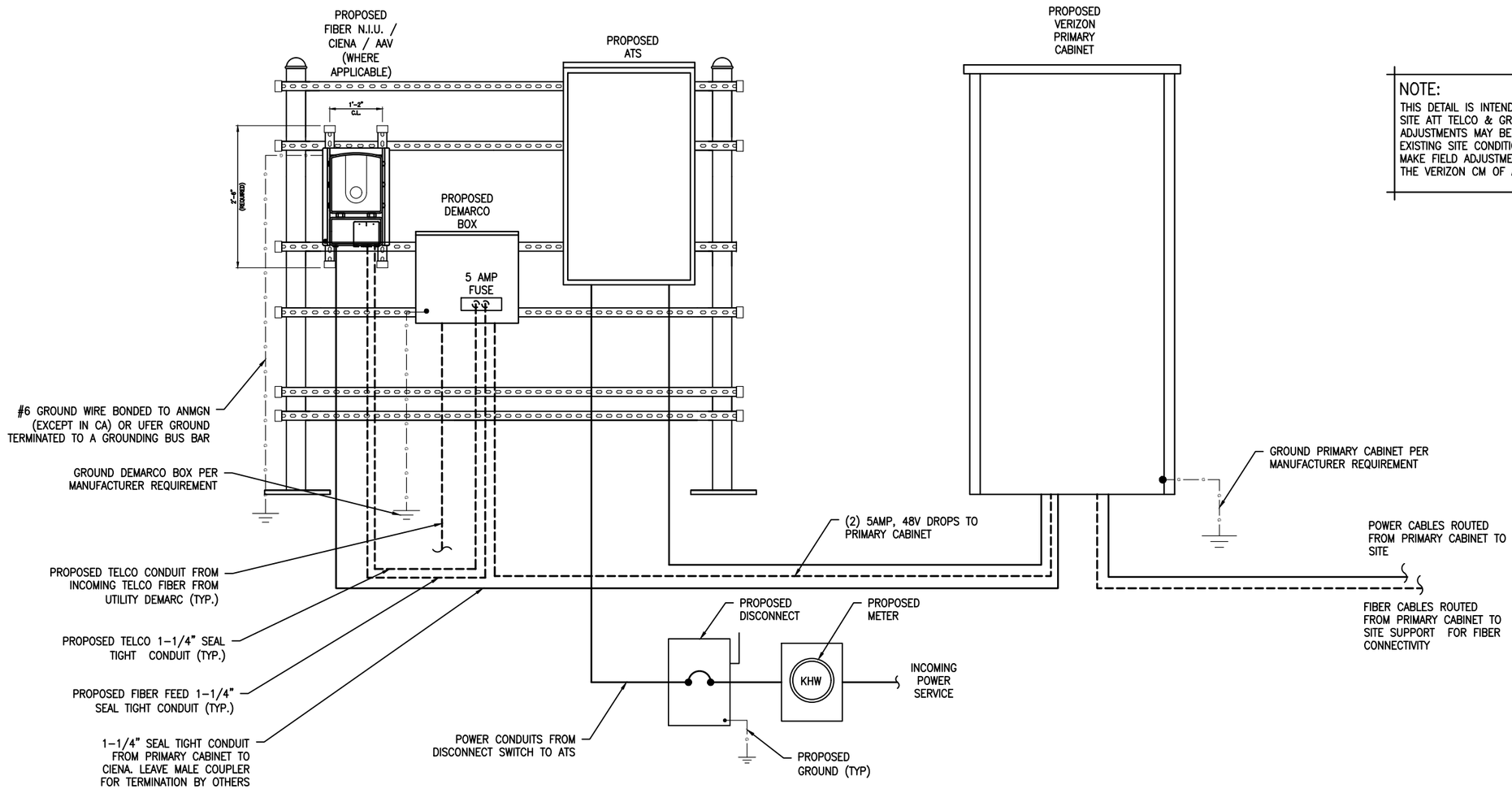
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ISSUED FOR REVIEW

EQUIPMENT LAYOUT & STUB-UP PLAN

C-10



EQUIPMENT POWER, TELCO & GROUNDING SCHEMATIC

NOT TO SCALE

NOTE:
THIS DETAIL IS INTENDED TO SHOW THE GENERAL SITE ATT TELCO & GROUNDING REQUIREMENTS. ADJUSTMENTS MAY BE REQUIRED BASED ON EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS AS NEEDED AND INFORM THE VERIZON CM OF ANY CONFLICTS.

verticalbridge
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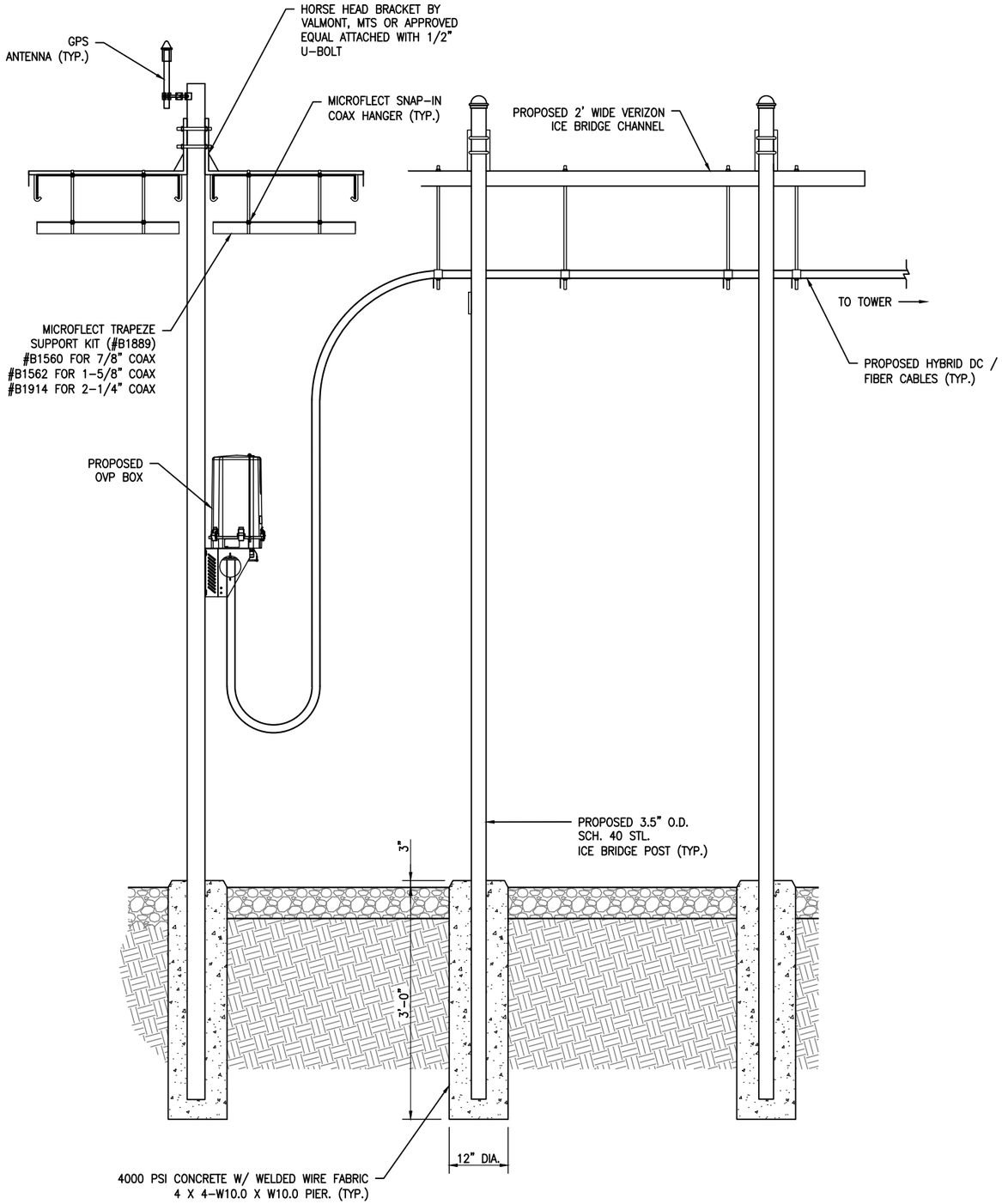
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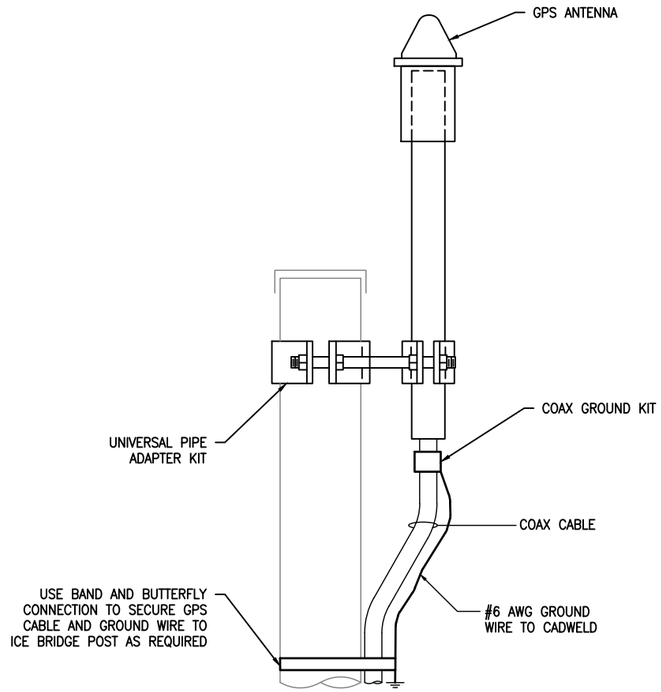
FIBER EQUIPMENT SCHEMATIC

C-11



ICE BRIDGE DETAILS

NOT TO SCALE



GPS ANTENNA MOUNTING DETAIL

NOT TO SCALE

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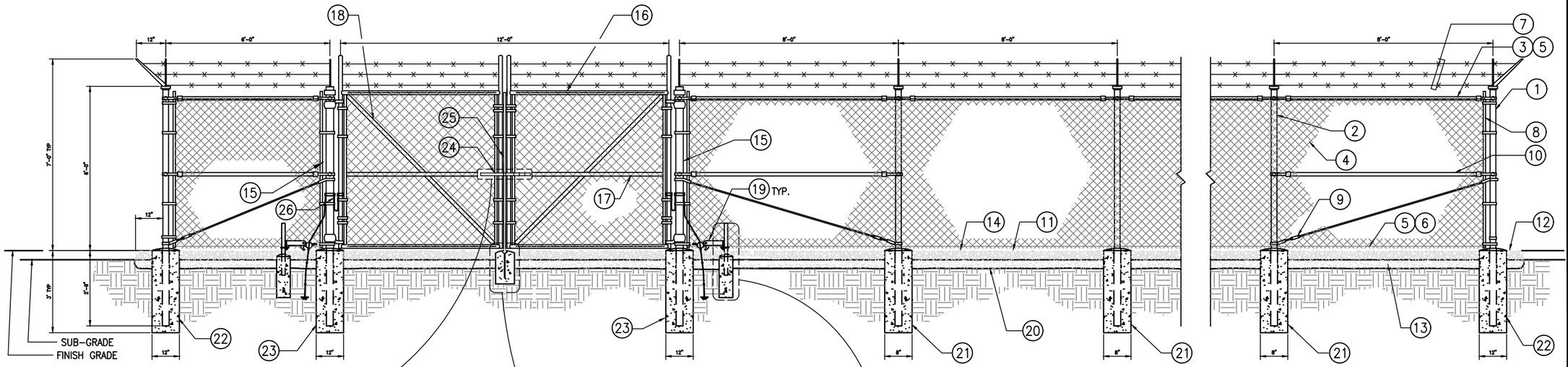
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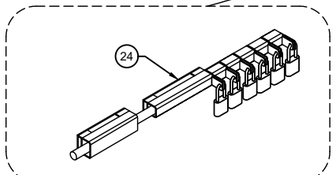
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ICE BRIDGE DETAILS

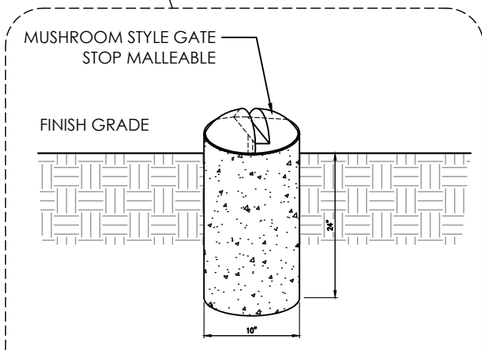
C-12





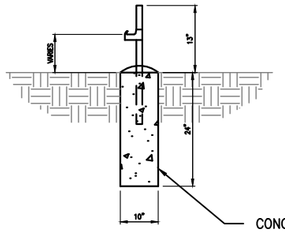
STYMIELOCK DETAIL

NOT TO SCALE



GATE DETENT DETAIL

NOT TO SCALE



GATE STOP / KEEPER DETAIL

NOT TO SCALE

FENCE DETAILS

NTS

REFERENCE NOTES:

① CORNER, END OR PULL POST 4" NOMINAL SCHEDULE 40 PIPE.

② LINE POST: 2 1/2" SCHEDULE 40 PIPE, PER ASTM-F1083. LINE POSTS SHALL BE EQUALLY SPACED AT MAXIMUM 8'-0" O.C.

③ TOP RAIL & BRACE RAIL: 1 1/2" PIPE, PER ASTM-F1083.

④ FABRIC: 9 GA CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.

⑤ TIE WIRE: MINIMUM 11 GA GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED MAX. 24" INTERVALS.

⑥ TENSION WIRE: 9 GA. GALVANIZED STEEL.

⑦ BARBED WIRE: DOUBLE STRAND 12-1/2" O.D. TWISTED WIRE TO MATCH WITH FABRIC 14 GA, 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.

⑧ STRETCHER BAR.

⑨ 3/8" DIAGONAL ROD WITH GALVANIZED STEEL TURNBUCKLE OR DIAGONAL THREADED ROD.

⑩ FENCE CORNER POST BRACE: 1 5/8" DIA. EACH CORNER EACH WAY.

⑪ 1 1/2" MAXIMUM CLEARANCE FROM GRADE.

⑫ 2" FINISH OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK.

⑬ 4" COMPACTED 95% BASE MATERIAL OR AS DETERMINED BY CONSTRUCTION MANAGER DURING BID WALK.

⑭ FINISH GRADE SHALL BE UNIFORM AND LEVEL.

⑮ GATE POST 4". SCHEDULE 40 PIPE, FOR GATE WIDTHS UP THRU 7 FEET OR 14 FEET FOR DOUBLE SWING GATE, PER ASTM-F1083.

⑯ GATE FRAME: 1 1/2" PIPE, PER ASTM-F1083.

⑰ GATE FRAME; 1 5/8" DIAMETER PIPE, PER ASTM-F1083

⑱ GATE DIAGONAL GALVANIZED STEEL 1 1/2" PIPE.

⑲ DUCK BILL OPEN GATE HOLDER. VERIFY LOCATION IN FIELD PRIOR TO INSTALLATION.

⑳ GEOTEXTILE FABRIC

㉑ LINE POST: CONCRETE FOUNDATION (2000 PSI)

㉒ CORNER POST: CONCRETE FOUNDATION (2000 PSI)

㉓ GATE POST: CONCRETE FOUNDATION (2000 PSI).

㉔ STYMIE LOCK

㉕ 1/2" GALVANIZED STEEL PLUNGER ROD ATTACHED TO 1-3/8" GATE FRAME

㉖ #2 AWG FLEXIBLE GATE JUMPERS

GENERAL FENCING NOTES:

1. INSTALL FENCING PER ASTM F-567
2. INSTALL SWING GATES PER ASTM F- 900
3. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED IF REQUIRED.
4. POST & GATE PIPE SIZES ARE INDUSTRY STANDARDS. ALL PIPE TO BE 1 1/2" GALV. (HOT DIP, ASTM A120 GRADE "A" STEEL). ALL GATE FRAMES SHALL BE WELDED. ALL WELDING SHALL BE COATED WITH (3) COATS OF COLD GALV. (OR EQUAL).
5. ALL OPEN POSTS SHALL HAVE END-CAPS.
6. USE GALVANIZED HOG-RING WIRE TO MOUNT ALL SIGNS.
7. ALL SIGNS MUST BE MOUNTED ON INSIDE OF FENCE FABRIC.

verticalbridge
750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

P. MARSHALL & ASSOCIATES

VERIZON SITE NAME:
MERIADOC

VERTICAL BRIDGE SITE ID:
US-GA-5748

NEAR 1011 BEN DAVIS ROAD
BUCHANAN, GA 30113

MDG LOCATION CODE:
5000236917

REV	DATE	DESCRIPTION
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1	6/19/2020	ISSUED FOR PRELIM CDS
2	8/10/2020	ISSUED FOR FINAL CDS
3	3/24/2021	REVISED TOWER TYPE
4	4/10/2024	UPDATED FINAL CDS
5	5/20/2025	UPDATED TO V.B. STAND.

DESIGNED: CTW
DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

ISSUED FOR REVIEW

FENCE DETAILS

C-13

SD050 | 4.5L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

Standby Power Rating
50 kW, 63 kVA, 60 Hz

Prime Power Rating*
45 kW, 56 kVA, 60 Hz

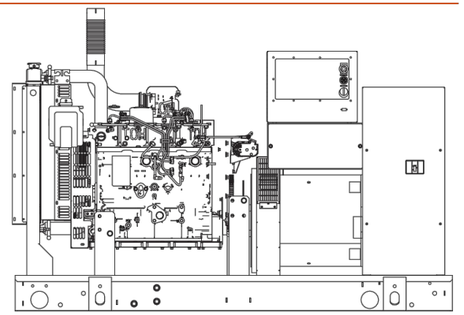


Image used for illustration purposes only

*EPA Certified Prime ratings are not available in the US or its Territories

Codes and Standards

Not all codes and standards apply to all configurations. Contact factory for details.

- UL2200, UL508, UL489, UL142
- CSA C22.2
- BS5514 and DIN 6271
- SAE J1349
- NFPA 37, 70, 99, 110
- NEC700, 701, 702, 708
- ISO 3046, 7637, 8528, 9001
- NEMA ICS10, MG1, 250, ICS6, AB1
- ANSI C62.41
- IBC 2009, CBC 2010, IBC 2012, ASCE 7-05, ASCE 7-10, ICC-ES AC-156 (2012)

Powering Ahead

For over 50 years, Generac has provided innovative design and superior manufacturing.

Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial applications under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

SPEC SHEET 1 of 6

SD050 | 4.5L | 50 kW

INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

STANDARD FEATURES

ENGINE SYSTEM

- Oil Drain Extension
- Air Cleaner
- Fan Guard
- Stainless Steel Flexible Exhaust Connection
- Radiator Duct Adapter (Open Set Only)

Fuel System

- Fuel Lockoff Solenoid
- Secondary Fuel Filter

Cooling System

- Closed Coolant Recovery System
- UV/Ozone Resistant Hoses
- Factory-Installed Radiator
- Radiator Drain Extension

Electrical System

- Battery Charging Alternator
- Battery Cables
- Battery Tray
- Rubber-Booted Engine Electrical Connections
- Solenoid Activated Starter Motor

ALTERNATOR SYSTEM

- UL2200 GENprotect™
- Class H Insulation Material
- 2/3 Pitch
- Skewed Stator
- Brushless Excitation
- Sealed Bearing
- Full Load Capacity Alternator
- Protective Thermal Switch

GENERATOR SET

- Genset Vibration Isolation
- Separation of Circuits - High/Low Voltage
- Separation of Circuits - Dual Breakers
- Standard Factory Testing
- 2 Year Limited Warranty (Standby Rated Units)
- 1 Year Limited Warranty (Prime Rated Units)

ENCLOSURE (If Selected)

- Rust-Proof Fasteners with Nylon Washers to Protect Finish
- High Performance Sound-Absorbing Material (Sound Attenuated Enclosures)
- Gasketed Doors
- Stamped Air-Intake Louvers
- Upward Facing Discharge Hoods (Radiator and Exhaust)
- Stainless Steel Lift Off Door Hinges
- Stainless Steel Lockable Handles
- RhinoCoat™ - Textured Polyester Powder Coat Paint

TANKS (If Selected)

- UL 142
- Double Wall
- Vents
- Sloped Top
- Sloped Bottom
- Factory Pressure Tested - 2 psi
- Rupture Basin Alarm
- Fuel Level
- Check Valve In Supply and Return Lines
- RhinoCoat™ - Textured Polyester Powder Coat Paint
- Stainless Steel Hardware

CONTROL SYSTEM



Digital H Control Panel- Dual 4x20 Display

Program Functions

- Programmable Crank Limiter
- 7-Day Programmable Exerciser
- Special Applications Programmable Logic Controller
- RS-232/485 Communications
- All Phase Sensing Digital Voltage Regulator
- 2-Wire Start Capability
- Date/Time Fault History (Event Log)
- Isochronous Governor Control
- Waterproof/Sealed Connectors
- Audible Alarms and Shutdowns
- Not in Auto (Flashing Light)
- Auto/Off/Manual Switch
- E-Stop (Red Mushroom-Type)
- NFPA110 Level I and II (Programmable)
- Customizable Alarms, Warnings, and Events
- Modbus® Protocol
- Predictive Maintenance Algorithm
- Sealed Boards
- Password Parameter Adjustment Protection
- Single Point Ground
- 16 Channel Remote Trending
- 0.2 msec High Speed Remote Trending
- Alarm Information Automatically Annunciated on the Display

Full System Status Display

- Power Output (kW)
- Power Factor
- kW Hours, Total, and Last Run
- Real/Reactive/Apparent Power
- All Phase AC Voltage
- All Phase Currents
- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Speed
- Battery Voltage
- Frequency

Alarms and Warnings

- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Overspeed
- Battery Voltage
- Alarms and Warnings Time and Date Stamped
- Snap Shots of Key Operation Parameters During Alarms and Warnings
- Alarms and Warnings Spelled Out (No Alarm Codes)

SPEC SHEET 2 of 6

ISSUED FOR REVIEW

vertical bridge
750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

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CHECKED: CTW
JOB#: 25VBVW32N-002

GENERATOR SPECIFICATIONS

C-14

SD050 | 4.5L | 50 kW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

CONFIGURABLE OPTIONS

ENGINE SYSTEM
- Oil Make-Up System
- Oil Heater
- Industrial Silencer
- Critical Silencer

FUEL SYSTEM
- Flexible Fuel Lines
- Primary Fuel Filter

COOLING SYSTEM
- 120 VAC Coolant Heater
- 208 VAC Coolant Heater
- 240 VAC Coolant Heater

ELECTRICAL SYSTEM
- Battery Box
- Battery Heater
- 10A UL Listed Float/Equalize Battery Charger

ALTERNATOR SYSTEM
- Main Line Circuit Breaker
- 2nd Circuit Breaker
- 3rd Circuit Breaker
- Alternator Upsizing
- Anti-Condensation Heater
- Tropical Coating
- Permanent Magnet Excitation

GENERATOR SET
- Weather Protected Enclosure
- Level 1 Sound Attenuated Enclosure
- Level 2 Sound Attenuated Enclosure
- IBC Seismic Certified/Seismic Rated Vibration Isolators
- Steel Enclosure
- Aluminum Enclosure
- Enclosure Light Kits

CONTROL SYSTEM
- NFPA 110 Level 1 Compliant 21-Light Remote Annunciator
- Remote Relay Assembly (8 or 16)
- Spare Inputs (x4) Outputs (x4)
- Oil Temperature Indication and Alarm
- Remote E-Stop (Break Glass-Type, Surface Mount)
- Remote E-Stop (Red Mushroom-Type, Surface Mount)
- Remote E-Stop (Red Mushroom-Type, Flush Mount)
- Remote Communication - Modem
- 10A Engine Run Relay
- Ground Fault Annunciator
- 100 dB Alarm Horn

WARRANTY (Standby Gensets Only)
- 2 Year Extended Limited Warranty
- 5 Year Limited Warranty
- 5 Year Extended Limited Warranty
- 7 Year Extended Limited Warranty
- 10 Year Extended Limited Warranty

ENGINEERED OPTIONS

ENGINE SYSTEM
- Coolant Heater Ball Valves
- Fluid Containment Pan

CONTROL SYSTEM
- Battery Disconnect Switch

GENERATOR SET
- Special Testing
- Battery Box

ENCLOSURE
- Door Open Alarm
- Enclosure Heater
- Motorized Dampers

TANKS
- Overfill Protection Valve
- ULC S-601
- UL 2085 Tank
- Special Fuel Tanks
- External Vent Extensions
- Tank Risers
- 5 Gallon Spill Box
- Lockable Fuel Fill
- Pipe Flanges
- 90% High Fuel Alarm

SPEC SHEET
3 of 6

SD050 | 4.5L | 50 kW
INDUSTRIAL DIESEL GENERATOR SET
EPA Certified Stationary Emergency

GENERAC | INDUSTRIAL POWER

APPLICATION AND ENGINEERING DATA

ENGINE SPECIFICATIONS

General

Make	Iveco/FPT
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Reference	See Emission Data Sheet
Cylinder #	4
Type	In-Line
Displacement - in^3 (L)	274 (4.5)
Bore - in (mm)	4.1 (105)
Stroke - in (mm)	5.2 (132)
Compression Ratio	17.5:1
Intake Air Method	Turbocharged
Cylinder Head Type	2-Valve
Piston Type	Aluminum
Crankshaft Type	Forged Steel

Engine Governing

Governor	Electronic Isochronous
Frequency Regulation (Steady State)	±0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full-Flow Cartridge
Crankcase Capacity - qt (L)	14.4 (13.6)

Cooling System

Cooling System Type	Closed
Water Pump Type	Belt Driven Centrifugal
Fan Type	Pusher
Fan Speed - RPM	2,538
Fan Diameter - in (mm)	26 (660)

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel
Fuel Specifications	ASTM
Fuel Filtering (Microns)	5
Fuel Pump Type	Engine Driven Gear
Injector Type	Mechanical
Fuel Supply Line - in (mm)	0.25 (6.35) NPT
Fuel Return Line - in (mm)	0.25 (6.35) NPT

Engine Electrical System

System Voltage	12 VDC
Battery Charger Alternator	Standard
Battery Size	See Battery Index 0161970SBY
Battery Voltage	12 VDC
Ground Polarity	Negative

ALTERNATOR SPECIFICATIONS

Standard Model	K0050124Y21
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5%
Telephone Interference Factor (TIF)	<50
Standard Excitation	Synchronous Brushless
Bearings	One, Pre-Lubed and Sealed
Coupling	Direct via Flexible Disc
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Digital
Number of Sensed Phases	3
Regulation Accuracy (Steady State)	±0.25%

SPEC SHEET
4 of 6

ISSUED FOR REVIEW

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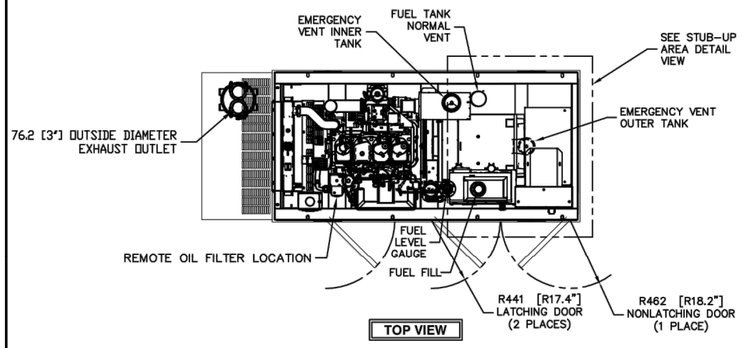
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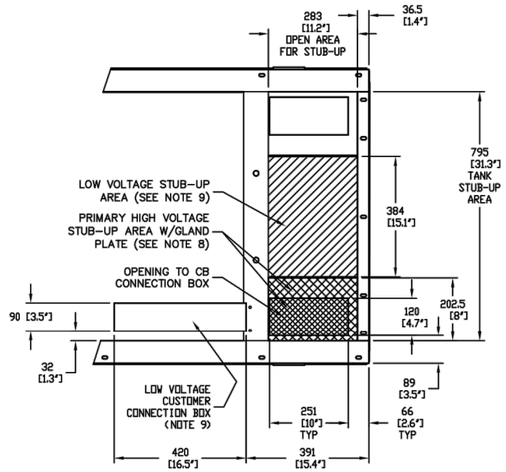
GENERATOR SPECIFICATIONS

C-15

0J8316D

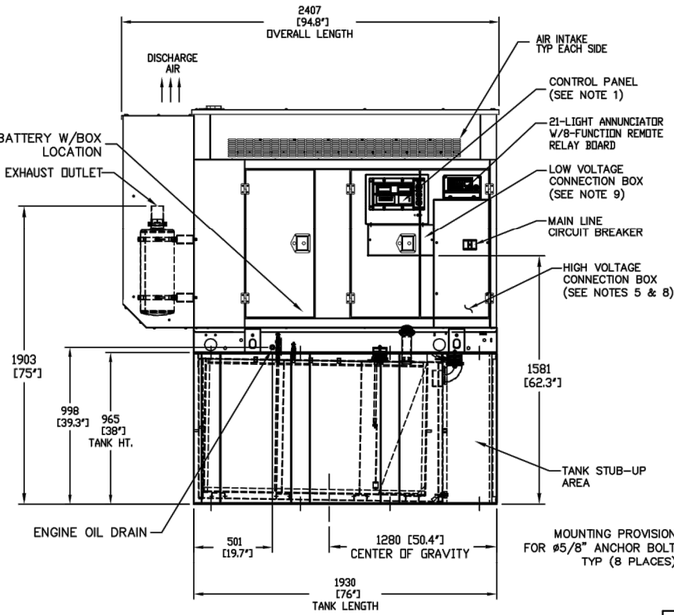


TOP VIEW

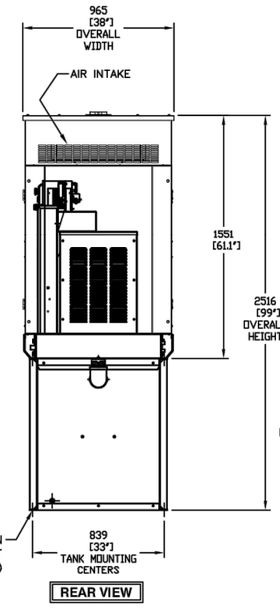


STUB-UP AREA DETAIL

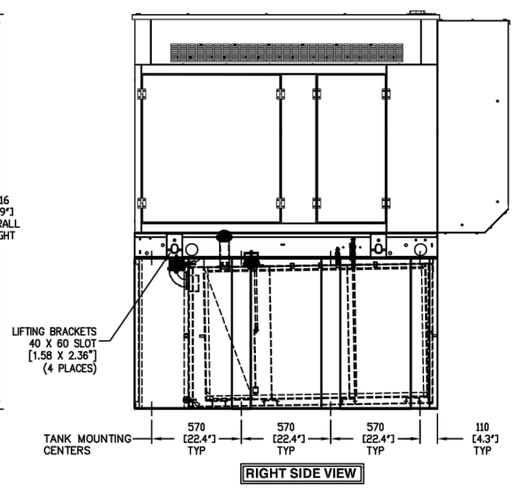
RECOMMENDED ELECTRICAL STUB-UPS (SEE DETAILED VIEW & TOP VIEW)	
DESCRIPTION	INSIDE BASE
HIGH VOLTAGE STUB-UP AREA 1) AC LOAD LEAD CONDUIT AREA. 2) 120/240 VAC FROM UTILITY FOR OPTIONAL LOADS SUCH AS GFCI OUTLET, BLOCK HEATER, BATTERY CHARGER, AND OTHER 120/240 VAC OPTIONS. (GLAND PLATE INCLUDED)	
LOW VOLTAGE STUB-UP AREA 1) TRANSFER SWITCH/ COMMUNICATION CONDUITS. COMMUNICATIONS AND 2-WIRE START MUST NOT BE RUN IN CONDUIT WITH AC WIRING. (SEE NOTE 9)	



LEFT SIDE VIEW



REAR VIEW



RIGHT SIDE VIEW

NOTES:
1. CONTROL PANEL W/BATTERY CHARGER. THREE PRONG CORD COMING OUT OF CONTROL PANEL IS FOR THE BATTERY CHARGER.
2. 1500W 120VAC ENGINE BLOCK HEATER W/CORD.
3. 12 VOLT NEGATIVE GROUND SYSTEM.
4. OPTIONAL REMOTE EMERGENCY STOP SHIPPED LOOSE WITH GENERATOR.
5. GENERATOR MUST BE GROUNDED.
6. CENTER OF GRAVITY & WEIGHT MAY SHIFT SLIGHTLY DUE TO UNIT OPTIONS.
7. STUB-UPS: BASE TANK REQUIRES ALL STUB-UPS TO BE IN THE REAR TANK STUB-UP AREA.
8. HIGH VOLTAGE STUB-UP AREA INCLUDES THE AC LOAD LEAD CONNECTION TO THE MAIN LINE CIRCUIT BREAKER (MLCB), THE NEUTRAL CONNECTION, AND AUXILIARY 120/240V CONNECTION.
9. CONNECTION POINTS FOR CONTROL WIRES. BOTTOM OF LOW VOLTAGE CUSTOMER CONNECTION BOX HAS KNOCKOUTS FOR 1/2" AND 3/4" CONDUIT FITTINGS.
10. MUST ALLOW FREE FLOW OF DISCHARGE AIR AND EXHAUST. SEE SPEC SHEET FOR MINIMUM AIR FLOW AND MAXIMUM RESTRICTION REQUIREMENTS.
11. MUST ALLOW FREE FLOW OF INTAKE AIR. SEE SPEC SHEET FOR MINIMUM AIR FLOW AND MAXIMUM RESTRICTION REQUIREMENTS.
12. ENCLOSED SETS – GENERATOR SET MUST BE INSTALLED SUCH THAT DISCHARGE AIR IS NOT RECIRCULATED.
13. IT IS THE RESPONSIBILITY OF THE INSTALLATION TECHNICIAN TO ENSURE THAT THE GENERATOR INSTALLATION COMPLIES WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS.
14. 210 GALLON USEABLE CAPACITY BASETANK STANDARD WITH GENERATOR.
15. UNIT IS SHIPPED WITH FUEL SUPPLY AND RETURN LINES DISCONNECTED AND PLUGGED BETWEEN ENGINE AND FUEL TANK. THIS HAS BEEN DONE TO FACILITATE PRESSURE TESTING OF THE TANK IN THE FIELD. FOR INFORMATION REGARDING CONNECTING THE FUEL SUPPLY AND RETURN LINES PRIOR TO START UP, SEE THE FUEL TANK FIELD TESTING PROCEDURE (0E5082) SUPPLIED IN THE TANK LOOSE VENTS KIT, WHICH IS SHIPPED WITH THIS GENERATOR.
16. SEE DRAWING 0C3850 FOR DUCT REMOVAL. REMOVAL OF FRONT DUCT WILL PROVIDE ACCESS TO MUFFLER FOR SERVICING.

WEIGHT DATA (INCLUDES WOODEN SHIPPING SKID)
ENCLOSED GENERATOR WITH EMPTY FUEL TANK – 1700kg (3750 lbs)

UNITS: mm [INCHES]

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INSTALLATION D4.5L G17 50KW

ENCLOSED LEVEL 2A - SSM Y02

WITH 3 FT 210 GALLON BASE TANK

ISSUE DATE: 2/18/13

INSTALLATION DRAWING

GENERAC POWER SYSTEMS
Waukesha
P.O. BOX 8
WAUKESHA, WIS. 53187

FILE NAME	0J8316D.DWG	SIZE	B
SCALE	NTS	FIRST USE	0067160
DWG NO.	0J8316D	REV	B

ISSUED FOR REVIEW

vertical bridge
750 PARK OF COMMERCE BLVD., STE. 200
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JOB#: 25VBVW32N-002

GENERATOR SPECIFICATIONS

C-16

REINFORCED CONCRETE NOTES:

1. PROVIDE REINFORCED CONCRETE CONFORMING TO THE FOLLOWING STANDARDS (EDITION AS REFERENCED BY DESIGN BUILDING CODE):
   ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS
   ACI 318, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE
   ACI 3022.1R, GUIED FOR CONCRETE FLOOR AND SLAB CONSTRUCTION
   ACI 360R, DESIGN OF SLABS-ON-GRADE

2. CONCRETE SHALL HAVE A NORMAL WEIGHT AND HAVE THE FOLLOWING PROPERTIES:

MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:	4,000 PSI AT 28 DAY
SLUMP	5"±1"
AIR ENTRAINMENT:	2-3% BY VOLUME
WATER-TO-CEMENT RATIO:	0.55 MAXIMUM

3. PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR RESISTANCE TO LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 CH. 4 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE.

4. CEMENT SHALL BE PORTLAND CEMENT, ASTM C150, TYPE I OR II.

5. FULLY DOCUMENT AND SUBMIT FOR REVIEW THE PROPOSED MATERIALS AND MIX DESIGN FOR ALL CONCRETE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE REQUIRED DESIGN STRENGTH. ALL CONCRETE TEST DATA MUST BE AVAILABLE AT THE JOB SITE.

6. THE USE OF CALCIUM CHLORIDE, CHLORIDE IONS, OR OTHER SALTS IS NOT PERMITTED.

7. AGGREGATE SHALL BE CLEAN AND WELL-GRADED AND CONFORM TO ASTM C-33. MAXIMUM COARSE AGGREGATE SIZE SHALL BE 3/4".

8. CONCRETE MIXING, TRANSPORTING, PLACING, AND CURING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF ACI 301. READY-MIXED CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH REQUIREMENTS OF ASTM C94 OR ASTM C685.

9. SLUMP TEST SHALL BE PERFORMED ON-SITE TO ENSURE WORKABILITY OF CONCRETE.

10. SAMPLES FOR STRENGTH TEST SHALL BE TAKEN IN ACCORDANCE WITH ASTM C172. CYLINDERS FOR STRENGTH TESTS SHALL BE MOLDED AND LABORATORY CURED IN ACCORDANCE WITH ASTM C31 AND TESTED IN ACCORDANCE WITH ASTM C39. CYLINDERS TO BE BROKEN ON DAYS 7 AND 28. TWO ADDITIONAL CYLINDERS SHOULD BE AVAILABLE FOR ANY ADDITIONAL TESTING. A SUFFICIENT SAMPLING OF CONCRETE USED FOR ALL SLUMP AND COMPRESSION TESTS. NON-CONFORMING MATERIAL SHALL NOT BE ACCEPTED BY CONTRACTOR.

11. CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFILTRATION OR WATER OR SOIL, AND OTHER OCCURRENCES THAT MAY DECREASE THE STRENGTH OR DURABILITY OF THE CONCRETE.

12. ALL CONSTRUCTION JOINTS SHALL BE AS DETAILED OR APPROVED BY THE EOR.

13. CONTRACTOR SHALL PLACE CONCRETE IN A CONTINUOUS POUR. NO COLD JOINTS ARE ALLOWED.

14. CHAMFER OR ROUND ALL EXPOSED CORNERS A MINIMUM OR 3/4".

15. SHOP DRAWINGS SHALL FULLY DETAIL REINFORCING BARS IN ACCORDANCE WITH ACI 315, DETAILING OF CONCRETE REINFORCEMENT, AND ACI 318, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.

16. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. PROVIDE WELDED WIRE FABRIC IN FLAT SHEETS (NOT ROLLS). LAP WELDED WIRE FABRIC A MINIMUM OF 8 INCHES.

17. ALL REINFORCING SHALL BE HIGH STRENGTH DEFORMED BARS ASTM A615, GRADE 60 (60,000 PSI MINIMUM YIELD). ALL REINFORCING SHALL BE FREE FROM MUD, OIL, AND NON-METALLIC COATINGS AT THE TIME OF POUR.

18. NO SPLICES OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAILED OR AUTHORIZED BY THE EOR.

19. LAP SPLICES, WHERE PERMITTED, SHALL BE A MINIMUM OF 40 BAR DIAMETERS, UNLESS NOTED OTHERWISE.

20. PROVIDE CORNER BARS AT ALL CORNERS AND INTERSECTIONS.

21. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING AT POSITIONS SHOWN ON THE DRAWINGS.

22. REBAR CHAIRS MUST BE USED TO ENSURE MINIMUM COVER. THE USE OF CONCRETE BLOCKS IS NOT PERMITTED.

23. REINFORCEMENT SHALL BE PROPERLY PLACED PRIOR TO ANY CONCRETE PLACEMENT. REINFORCING SHALL BE BRACED TO RETAIN PROPER DIMENSIONS DURING HANDLING AND THROUGHOUT PLACEMENT OF CONCRETE. "STICKING" DOWELS, ANCHOR RODS OR OTHER EMBEDDED ITEMS INTO WET CONCRETE IS NOT PERMITTED.

24. ALL BAR LENGTHS ARE NOT DRAWN TO SCALE.

25. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:

- CONCRETE CAST AGAINST EARTH:	3"
- FORMED CONCRETE EXPOSED TO EARTH OR WEATHER	
#6 THROUGH # 18 BARS:	2"
#5 BARS AND SMALLER:	1-1/2"

26. WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.

27. MAINTAIN THE TEMPERATURE OF CAST-IN-PLACE CONCRETE AT BETWEEN 50°F TO 90°F. IF COLDER OR HOTTER CONDITIONS EXIST, THE CONCRETE MIX DESIGN SHALL BE ADJUSTED ACCORDINGLY.

28. IN COLD WEATHER CONDITIONS, WORK SHALL BE IN ACCORDANCE WITH ACI 306.1-90 (REAPPROVED 2002). SEE ACI 306 FOR DESCRIPTION OF COLD WEATHER CONDITIONS.

29. SULFATE RESISTANT CEMENT SHALL BE USED IN AREAS WHICH ARE KNOWN TO HAVE SULFATES IN SOIL AND GROUND WATER.

30. DO NOT USE RETEMPERED CONCRETE.

FOUNDATION NOTES:

1. THE DESIGN OF FOUNDATIONS AND SLABS-ON-GRADE IS BASED ON PRESUMPTIVE SOIL VALUES PER IBC. AN ALLOWABLE BEARING CAPACITY OF 2,000 PSF SHALL BE VERIFIED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACING THE FOUNDATION.

2. AFTER EXCAVATION, IF THE CONDITION OF THE SOILS DOES NOT MEET THE RECOMMENDED DESIGN CRITERIA STATED IN THE GEOTECHNICAL REPORT, NOTIFY THE STRUCTURAL ENGINEER OF RECORD SO THAT THE FOUNDATIONS MAY BE REDESIGNED IF NECESSARY.

3. FOUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS AND ANY ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED UPON CONDITIONS EXISTING AT THE SITE.

4. THE GEOTECHNICAL ENGINEER MUST VERIFY THE CONDITION AND/OR ADEQUACY OF ALL SUBGRADES, FILLS, AND BACKFILLS PRIOR TO THE PLACEMENT OF FOUNDATIONS, FOOTINGS, SLABS, WALLS, ETC.

5. CONTACT THE EOR IF THE BOTTOM OF FOUNDATION ELEVATION AS SHOWN ON DRAWINGS OCCURS IN DISTURBED, UNSUITABLE, OR UNSTABLE SOIL.

6. IF ANY INTERFERENCE APPEARS BETWEEN EXISTING FOUNDATIONS AND THE SPECIFIED DESIGN, NOTIFY THE STRUCTURAL ENGINEER OF RECORD SO THAT THE FOUNDATIONS MAY BE REDESIGNED AS REQUIRED.

7. THE CONTRACTOR SHALL VERIFY FROST LINE AND FOOTING DEPTH REQUIREMENTS WITH THE JURISDICTION HAVING AUTHORITY PRIOR TO CONSTRUCTION.

8. SIDES OF FOUNDATIONS MUST BE FORMED UNLESS CONDITIONS PERMIT EARTH FORMING. FOUNDATIONS PLACED AGAINST THE EARTH REQUIRE THE FOLLOWING PRECAUTIONS: SLOPE SIDES OF EXCAVATIONS AS APPROVED BY THE GEOTECHNICAL ENGINEER AND CLEAN UP SLOUGHING BEFORE AND DURING CONCRETE PLACEMENT.

9. WHERE FOOTING STEPS ARE NECESSARY, SLOPE NO STEEPER THAN ONE VERTICAL TO TWO HORIZONTAL.

10. LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT. CONCRETE SHALL BE PLACED ON THE UNDISTURBED SOIL OR COMPACTED FILL. LOOSE CUTTINGS SHALL BE REMOVED FROM SIDES OF EXCAVATION PRIOR TO CONCRETE PLACEMENT. UNDER NO CIRCUMSTANCES SHALL CONCRETE FALL THROUGH WATER.

11. FOUNDATION BACKFILL SHALL BE PLACED IN 6" MAXIMUM LAYERS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698 (STANDARD PROCTOR). ADDITIONALLY, STRUCTURAL BACKFILL MUST HAVE A MINIMUM COMPACTED UNIT WEIGHT OF 125 LBS PER CUBIC FOOT.

12. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION, AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.

POST-INSTALLED EXPANSION ANCHORS:

1. SPECIAL INSPECTION AND TESTING IS REQUIRED IN ACCORDANCE WITH SECTIONS 1704 AND 1705 OF THE BUILDING CODE AND THE "STATEMENT OF SPECIAL INSPECTIONS" ON THESE CONSTRUCTION DOCUMENTS.

2. POST-INSTALLED EXPANSION ANCHORS SHALL BE AS FOLLOWS (UNO):

NORMAL-WEIGHT & LIGHT-WEIGHT CONCRETE:	HILTI KB-TZ2 (ESR-4266)
SOLID GROUND CMU:	HILTI KB-TZ2 (ESR-4561)

3. ANCHORS SHALL BE THE TYPE, DIAMETER, AND MINIMUM DIMENSIONAL REQUIREMENTS (EMBEDMENT, SPACING, AND EDGE DISTANCE) AS INDICATED ON THE DRAWINGS.

4. ANCHORS SHALL BE INSTALLED IN HOLES DRILLED WITH DRILLING EQUIPMENT OF THE TYPE REQUIRED IN THE MANUFACTURER'S PUBLISHED EVALUATION REPORT. HOLES SHALL BE CLEANED IN CONFORMANCE WITH THE ANCHOR MANUFACTURER'S INSTRUCTIONS.

5. WHEN INSTALLING ANCHORS IN EXISTING REINFORCED CONCRETE OR MASONRY, AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS.

6. WHEN INSTALLING ANCHORS INTO PRESTRESSED CONCRETE (PRE- OR POST-TENSIONED), LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. AVOID CUTTING OR DAMAGING THE TENDONS.

verticalbridge
750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

PM&A
P. MARSHALL & ASSOCIATES

VERIZON SITE NAME:
MERIADOC

VERTICAL BRIDGE SITE ID:
US-GA-5748

NEAR 1011 BEN DAVIS ROAD
BUCHANAN, GA 30113

MDG LOCATION CODE:
5000236917

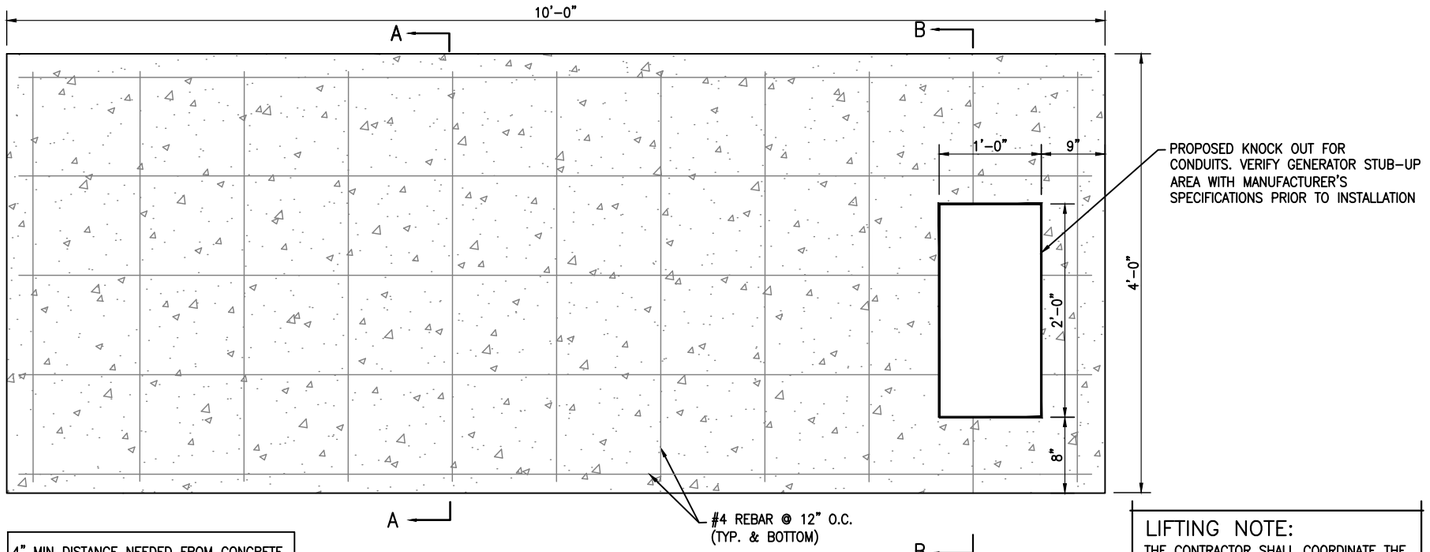
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DESIGNED: CTW
DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

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EQUIPMENT FOUNDATION NOTES

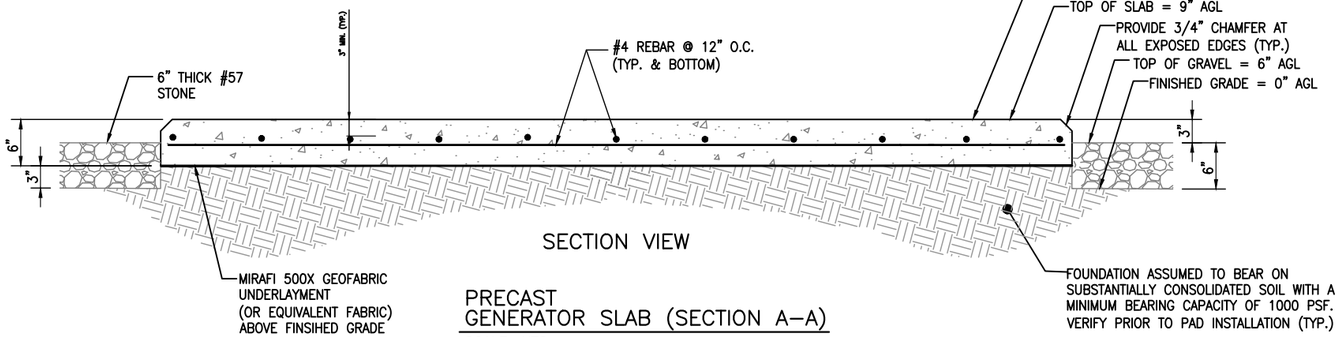
C-17



4" MIN DISTANCE NEEDED FROM CONCRETE EDGES BEFORE DRILLING ANCHORS TO SUPPORT CABINETS OR ICE PROTECTION

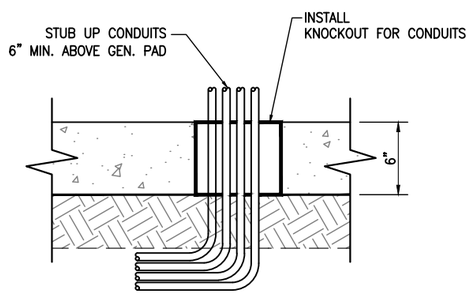
PRECAST GENERATOR SLAB DETAIL
NOT TO SCALE

LIFTING NOTE:
THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF EMBEDDED HOISTING HOOKS OR REBAR AS REQUIRED PRIOR TO FABRICATION.

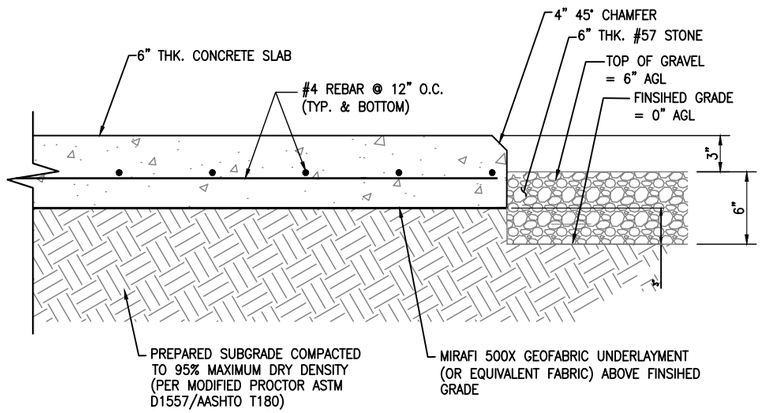


SECTION VIEW

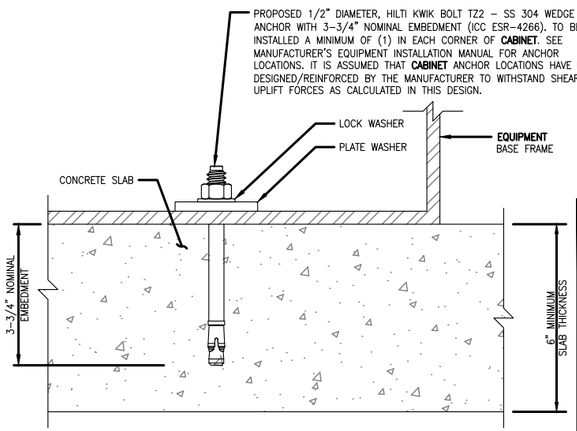
PRECAST GENERATOR SLAB (SECTION A–A)
SCALE: NTS



CONDUIT STUB-UP FOR GENERATOR SLAB (SECTION B–B)
SCALE: NTS



EQUIPMENT CONCRETE SLAB SECTION
SCALE: NTS



EQUIPMENT CABINET ANCHOR DETAIL
SCALE: NTS

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EQUIPMENT FOUNDATION DETAILS

C-18

ELECTRICAL INSTALLATION NOTES:

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE LOCAL CODES.

2. CONDUIT ROUTINGS ARE SCHEMATIC. SUBCONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED.

3. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC AND TELCORDIA.

4. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC AND TELCORDIA.

5. CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS.

6. EACH END OF EVERY POWER, POWER PHASE CONDUCTOR (I.E., HOTS), GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA.

7. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PANELBOARD AND CIRCUIT ID'S).

8. PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.

9. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.

10. POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.

11. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (#6 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2 GREEN INSULATION, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.

12. POWER AND CONTROL WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.

13. ALL POWER AND POWER GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRENUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75°C (90°C IF AVAILABLE).

14. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.

15. ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.

16. ELECTRICAL METALLIC TUBING (EMT), ELECTRICAL NONMETALLIC TUBING (ENT), OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.

17. GALVANIZED STEEL INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.

18. RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.

19. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.

20. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.

21. CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.

22. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.

23. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS

24. METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.

25. NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.

26. THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.

27. THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY.

GROUNDING NOTES:

1. ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GES'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.

2. THE SUBCONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS. TESTING SHALL BE IN ACCORDANCE WITH SPECIFICATION 24782-000-3PS-EG00-00001. USE OF OTHER METHODS MUST BE PRE-APPROVED BY CONTRACTOR IN WRITING.

3. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS. WHEN ADDING ELECTRODES, CONTRACTOR SHALL MAINTAIN A MINIMUM DISTANCE BETWEEN THE ADDED ELECTRODE AND ANY OTHER EXISTING ELECTRODE EQUAL TO THE BURIED LENGTH OF THE ROD. IDEALLY, CONTRACTOR SHALL STRIVE TO KEEP THE SEPARATION DISTANCE EQUAL TO TWICE THE BURIED LENGTH OF THE RODS.

4. THE SUBCONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT.

5. METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 AWG COPPER WIRE AND UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.

6. METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.

7. CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED. BACK-TO-BACK CONNECTIONS ON OPPOSITE SIDES OF THE GROUND BUS ARE PERMITTED.

8. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.

9. USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED. IN ALL CASES, BENDS SHALL BE MADE WITH A MINIMUM BEND RADIUS OF 8 INCHES.

10. EACH INTERIOR BTS CABINET FRAME/PLINTH SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUND BAR WITH #6 AWG STRANDED, GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES. EACH OUTDOOR CABINET FRAME/PLINTH SHALL BE DIRECTLY CONNECTED TO THE BURIED GROUND RING WITH # 2 AWG SOLID TIN-PLATED COPPER WIRE.

11. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING, SHALL BE #2 AWG SOLID TIN-PLATED COPPER UNLESS OTHERWISE INDICATED.

12. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE. CONNECTIONS TO ABOVE GRADE EXTERIOR UNITS SHALL BE MADE WITH EXOTHERMIC WELDS WHERE PRACTICAL OR WITH 2 HOLE MECHANICAL TYPE BRASS CONNECTORS WITH STAINLESS STEEL HARDWARE, INCLUDING SET SCREWS. HIGH PRESSURE CRIMP CONNECTORS MAY ONLY BE USED WITH WRITTEN PERMISSION FROM VERIZON MARKET REPRESENTATIVE.

13. EXOTHERMIC WELDS SHALL BE PERMITTED ON TOWERS ONLY WITH THE EXPRESS APPROVAL OF THE TOWER MANUFACTURER OR THE CONTRACTORS STRUCTURAL ENGINEER.

14. ALL WIRE TO WIRE GROUND CONNECTIONS TO THE INTERIOR GROUND RING SHALL BE FORMED USING HIGH PRESS CRIMPS OR SPLIT BOLT CONNECTORS WHERE INDICATED IN THE DETAILS.

15. ON ROOFTOP SITES WHERE EXOTHERMIC WELDS ARE A FIRE HAZARD COPPER COMPRESSION CAP CONNECTORS MAY BE USED FOR WIRE TO WIRE CONNECTORS. 2 HOLE MECHANICAL TYPE BRASS CONNECTORS WITH STAINLESS STEEL HARDWARE, INCLUDING SET SCREWS SHALL BE USED FOR CONNECTION TO ALL ROOFTOP BTS EQUIPMENT AND STRUCTURAL STEEL.

16. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED OR BOLTED TO THE BRIDGE AND THE TOWER GROUND BAR USING TWO HOLED MECHANICAL TYPE BRASS CONNECTORS AND STAINLESS STEEL HARDWARE.

17. APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.

18. ALL EXTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.

19. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.

20. BOND ALL METALLIC OBJECTS WITHIN 6 FT OF THE BURIED GROUND RING WITH #2 SOLID AWG TIN-PLATED COPPER GROUND CONDUCTOR.

21. GROUND CONDUCTORS USED IN THE FACILITY GROUND AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC PLASTIC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (E.G., NON-METALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT WITH LISTED BONDING FITTINGS.

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GENERAL ELECTRICAL & GROUNDING NOTES

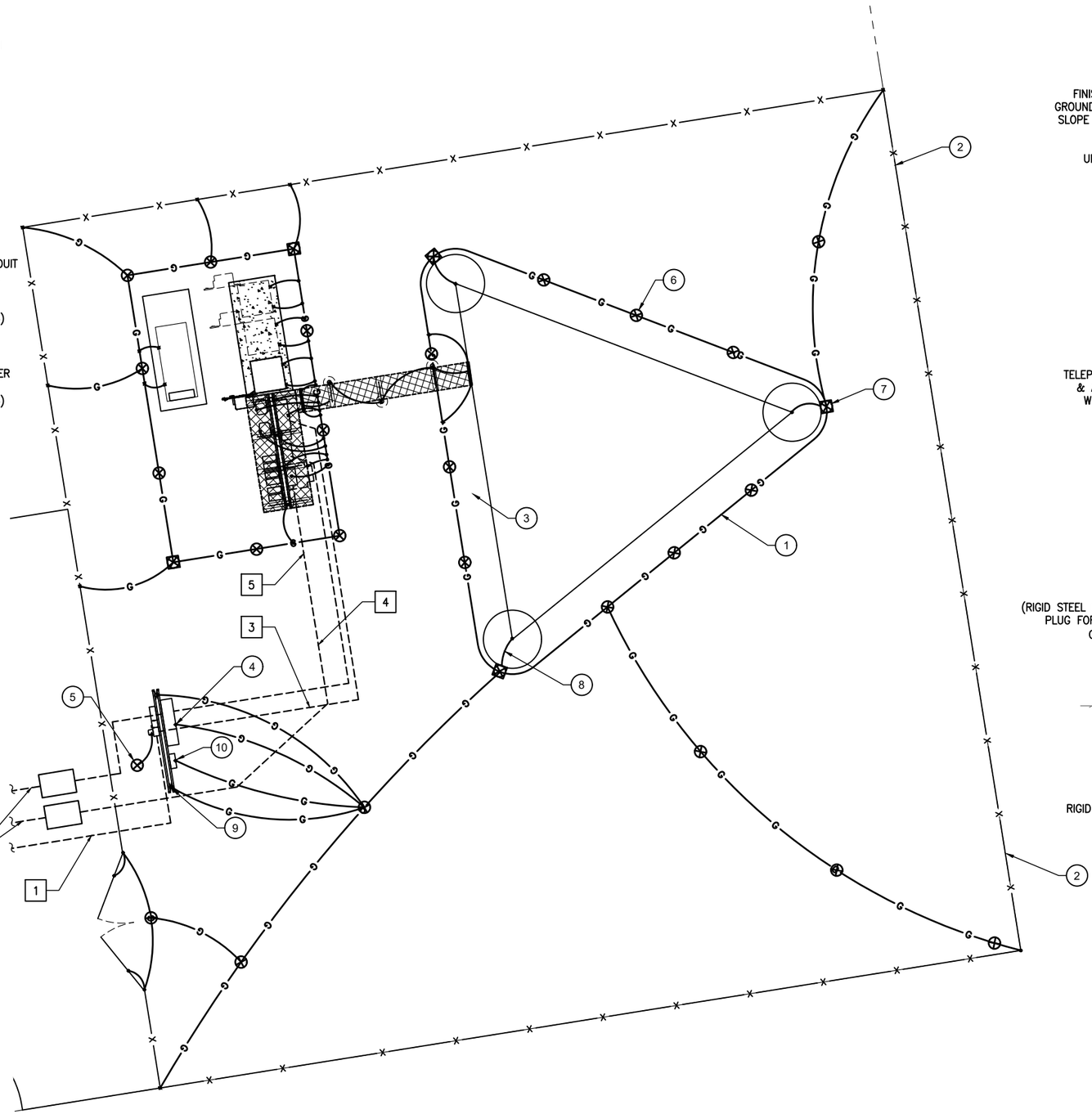
E-1

ELECTRICAL KEY NOTES:

1. PROPOSED SCH. 40 PVC CONDUIT FOR POWER. CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY PROVIDER TO VERIFY THE EXACT ROUTE TO THE VERIZON MEET POINT. WIRE & CONDUIT SIZE TBD. SEE SHEET E-6 FOR CONDUIT SIZING INFORMATION.
2. PROPOSED VERIZON (2) 2" SCH. 40 PVC CONDUIT WITH THREE-CELL MAXCELL & MULE TAPE, 36" DEEP FOR FIBER FROM HH AT COMPOUND TO HH AT R/W (APPROX. 200' LONG)
3. PROPOSED 2" SCH. 40 PVC CONDUIT FOR POWER. CONTRACTOR SHALL COORDINATE WITH VZW CM FOR EXACT CONDUIT ROUTE. (APPROX. 50' LONG)
4. PROPOSED VERIZON 2" SCH. 40 PVC CONDUIT WITH THREE-CELL MAXCELL & MULE TAPE, 36" DEEP FOR PRIMARY FIBER PROVIDER FROM VZW UTILITY FRAME TO HH AT COMPOUND ENTRANCE. (APPROX. 55' LONG)
5. PROPOSED VERIZON 2" SCH. 40 PVC CONDUIT WITH THREE-CELL MAXCELL & MULE TAPE, 36" DEEP FOR VZW DARK FIBER FROM VZW UTILITY FRAME TO HH AT COMPOUND ENTRANCE. (APPROX. 50' LONG)

GROUNDING KEY NOTES:

1. #2 AWG BARE TINNED SOLID COPPER GROUND RING BURIED 30" BELOW GRADE (TYP.).
2. BOND FENCE & GATE POSTS TO GROUND RING WITH CADWELD CONNECTIONS.
3. BOND TOWER MOUNTED GROUND BAR TO TOWER GROUND RING (TYP. – 2 PLACES).
4. GROUND TELCO CABINET & BUSS BAR TO GROUND RING PER MANUFACTURER'S SPECIFICATIONS.
5. 1-#1/0 GROUNDING CONDUCTOR IN 1" PVC CONDUIT TO GROUND RING.
6. PROPOSED GROUND ROD (TYP.).
7. PROPOSED GROUND ROD WITH INSPECTION WELL (TYP.).
8. BOND TOWER BASE PLATE TO GROUND RING (TYP.).
9. BOND ALL H-FRAME POSTS TO GROUND RING (TYP.).
10. BOND TOWER LIGHT CONTROLLER TO GROUND RING PER MANUFACTURER'S SPECIFICATIONS (TYP.).

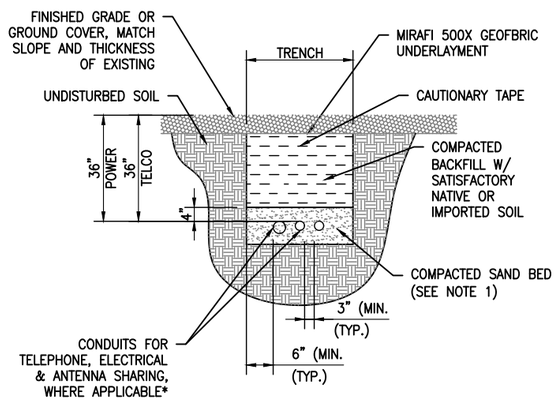


ELECTRICAL & GROUNDING SITE PLAN

4' 2' 0 4'

1/4"=1'-0" (FULL SIZE)
1/8"=1'-0" (11x17)

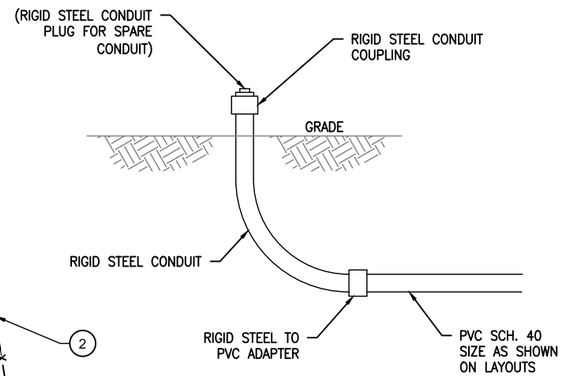
NOTES: 1. LEAN CONCRETE, RED-COLORED TOP, MAY BE USED IN PLACE OF COMPACTED SAND.



* CONDUIT SIZE, TYPE, QUANTITY AND SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS & CROWN CASTLE CM

DIRECT BURIED CONDUIT

NOT TO SCALE



UNDERGROUND CONDUIT STUB-UP

NOT TO SCALE

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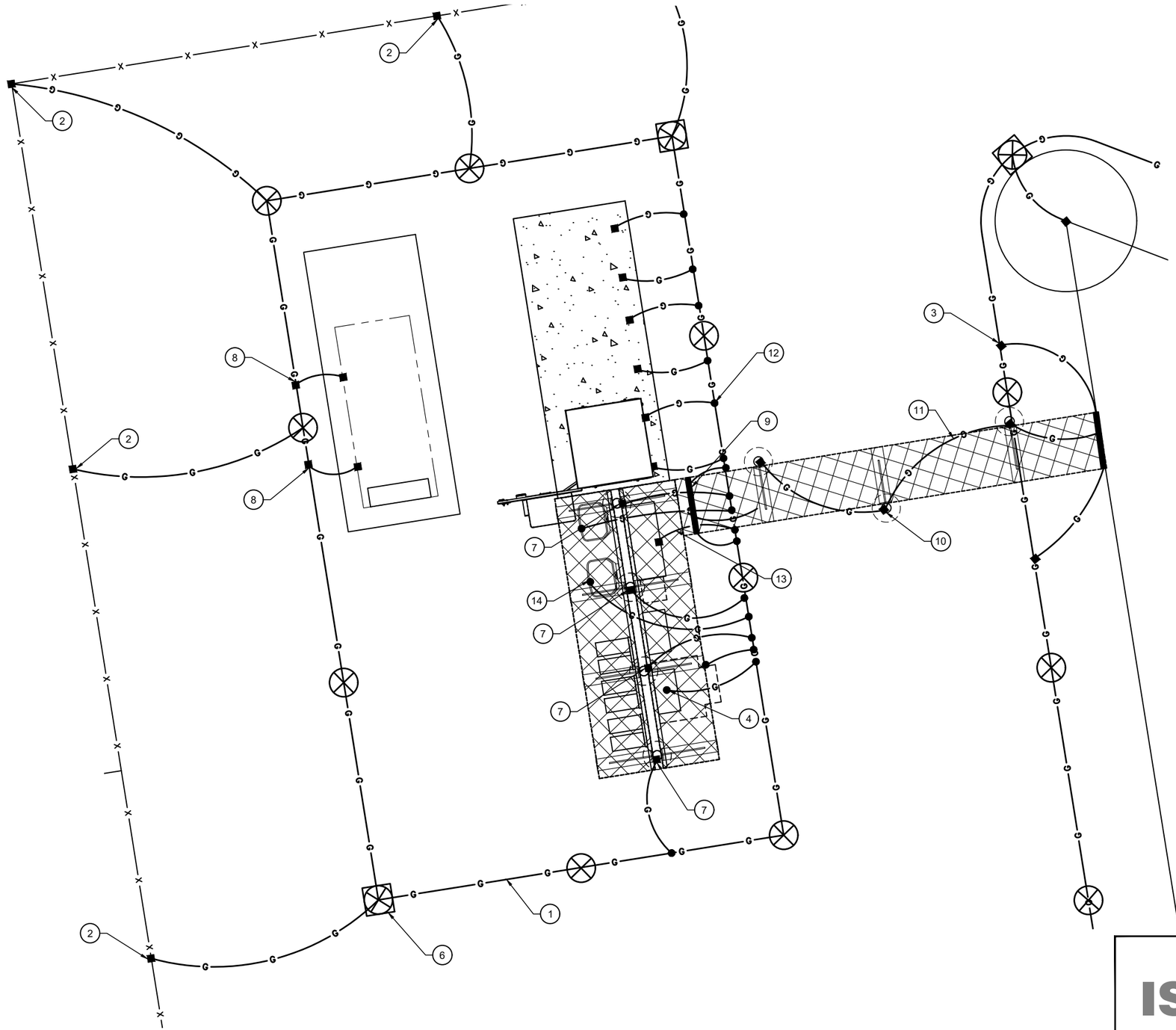
ISSUED FOR REVIEW

ELECTRICAL & GROUNDING SITE PLAN

E-2

GROUNDING KEY NOTES:

1. #2 AWG BARE TINNED SOLID COPPER GROUND RING BURIED 30" BELOW GRADE (TYP.).
2. BOND FENCE & GATE POSTS TO GROUND RING WITH CADWELD CONNECTIONS.
3. BOND TOWER MOUNTED GROUND BAR TO TOWER GROUND RING (TYP. – 2 PLACES).
4. GROUND TRANSPORT CABINET & BUSS BAR TO GROUND RING PER MANUFACTURER'S SPECIFICATIONS.
5. PROPOSED GROUND ROD (TYP.).
6. PROPOSED GROUND ROD WITH INSPECTION WELL (TYP.).
7. BOND ALL H–FRAME POSTS TO GROUND RING (TYP.).
8. PROPOSED #2 AWG BARE TINNED SOLID COPPER WIRE: 2–HOLE LUG CONNECTION TO GENERATOR BASE FRAME, CADWELD CONNECTION TO GROUND BAR.
9. BOND ICE BRIDGE GROUND BAR TO GROUND RING WITH #2 AWG SOLID BARE TINNED COPPER WIRE (TYP. – 2 PLACES).
10. BOND EVERY ICE BRIDGE POST BASE TO GROUND RING WITH CADWELD CONNECTION (TYP.).
11. BOND EACH ICE BRIDGE SECTION TOGETHER WITH JUMPERS. BOND FIRST AND LAST SECTION TO GROUND RING.
12. GROUND EQUIPMENT CABINET GROUNDING PER MANUFACTURER'S SPECIFICATIONS.
13. GROUND ILC TO GROUND RING PER MANUFACTURER'S SPECIFICATIONS.
14. GROUND OVPs TO GROUND RING PER MANUFACTURER'S SPECIFICATIONS.



EQUIPMENT GROUNDING SITE PLAN
2' 1' 0 2' 1"=2'-0" (FULL SIZE) 1"=4'-0" (11x17)

N W E S

verticalbridge
750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

PM&A
P. MARSHALL & ASSOCIATES

VERIZON SITE NAME:
MERIADOC

VERTICAL BRIDGE SITE ID:
US-GA-5748

NEAR 1011 BEN DAVIS ROAD
BUCHANAN, GA 30113

MDG LOCATION CODE:
5000236917

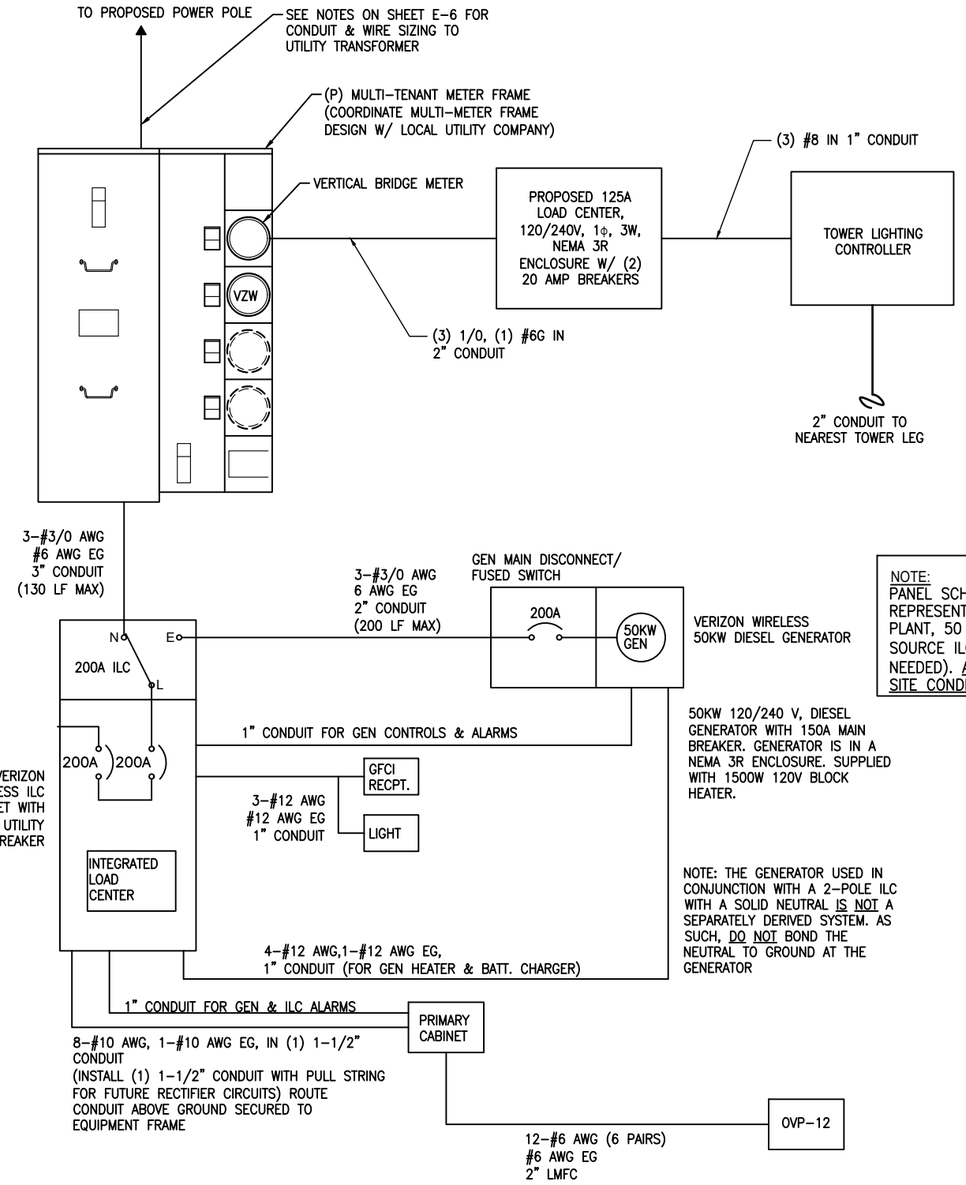
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5	5/20/2025	UPDATED TO V.B. STAND.

DESIGNED: CTW
DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

ISSUED FOR REVIEW

EQUIPMENT GROUNDING SITE PLAN

E-3



50KW 120/240 V, DIESEL GENERATOR WITH 150A MAIN BREAKER. GENERATOR IS IN A NEMA 3R ENCLOSURE. SUPPLIED WITH 1500W 120V BLOCK HEATER.

NOTE: THE GENERATOR USED IN CONJUNCTION WITH A 2-POLE ILC WITH A SOLID NEUTRAL IS NOT A SEPARATELY DERIVED SYSTEM. AS SUCH, DO NOT BOND THE NEUTRAL TO GROUND AT THE GENERATOR

ELECTRICAL SINGLE LINE DIAGRAM

NOTES:
1. ALL EQUIPMENT SHALL BE NEMA 3R RATED.
2. ALL EQUIPMENT SHALL BE LIGHTNING PROTECTED IN ACCORDANCE WITH TIA-222-G AND VERIZON WIRELESS STANDARDS.
3. CONDUCTOR SIZES AND DISTANCES HAVE BEEN SIZED FOR 3% MAX VOLTAGE DROP (TOTAL SYSTEM VOLTAGE DROP ON BOTH FEEDERS AND BRANCH CIRCUITS TO THE FARTHEST DEMAND SHALL NOT EXCEED 5%).
4. WIRE SIZING AND MAXIMUM DISTANCE FROM GENERATOR TO ILC ASSUMES POWER FACTOR OF 0.9.
5. BELOW GRADE CONDUIT SHALL BE SCHEDULE 80 PVC. ABOVE GRADE CONDUIT SHALL BE GALVANIZED RIGID CONDUIT. BELOW GRADE PVC CONDUIT SHALL TRANSITION TO GRC PRIOR TO RISING ABOVE GRADE. ALL BENDS SHALL HAVE A MINIMUM 24" RADIUS. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT. VERIFY CONDUIT TYPE WITH LOCAL CONSTRUCTION MANAGER AND ADJUST IF NECESSARY. ALL CONDUIT SHALL MEET NEC, STATE, AND LOCAL CODE REQUIREMENTS AS REQUIRED.

VERIZON SITE:	LOCATION:	VOLTAGE: 240/120 1Ø
US-GA-5748	UTILITY H-FRAME	MAIN C/B: 200 AMPS
5/20/2025		BUS RATING: 200 AMPS

MOUNTING / ENCLOSURE:	SURFACE / NEMA 3R
AVAIL. FAULT CURRENT:	PROPOSED
SHORT CIRCUIT RATING:	65,000

AMPS/ POLES	WIRE & CONDUIT	TYPE	DESCRIPTION	KVA	CKT	A		B	CKT	KVA	DESCRIPTION	TYPE	WIRE & CONDUIT	AMPS/ POLES
20/1	**SEE ONE-LINE**	**L**	**LIGHT/RECEPTACLE**	**0.50**	**1**	2.66			**2**	**2.16**	**RECTIFIER #1**	**EQ**	**SEE ONE-LINE**	**30/2**
30/2	**SEE ONE-LINE**	**EQ**	**RECTIFIER #2**	**2.16**	**3**			4.32	**4**	**2.16**	-	**EQ**	-	-
-	-	**EQ**	-	**2.16**	5	4.32			**6**	**2.16**	**RECTIFIER #3**	**EQ**	**SEE ONE-LINE**	**30/2**
30/2	**SEE ONE-LINE**	**EQ**	**RECTIFIER #4**	**2.16**	7			4.32	**8**	**2.16**	-	**EQ**	-	-
-	-	**EQ**	-	**2.16**	9	4.32			**10**	**2.16**	**FUTURE RECTIFIER #5**	**EQ**	**SEE ONE-LINE**	**30/2**
30/2	**SEE ONE-LINE**	**EQ**	**RFUTURE RECTIFIER #6**	**2.16**	11			4.32	**12**	**2.16**	-	**EQ**	-	-
-	-	**EQ**	-	**2.16**	13	2.16			14		SPARE	-	-	-
20/1	**SEE ONE-LINE**	**H**	**BLOCK HEATER**	**1.50**	15			1.50	16		SPACE	-	-	-
20/1	**SEE ONE-LINE**	**EQ**	**BATTERY CHARGER**	**1.00**	17	1.00			18		SPACE	-	-	-
30/2	-	**EQ**	**FAA TOWER LIGHTING**	**2.44**	19			2.44	20		SPACE	-	-	-
-	-	**EQ**	-	**2.44**	21	2.44			22		SPACE	-	-	-
-	-	-	SPACE		23				24		SPACE	-	-	-
				PHASE TOTAL		16.9		16.9	KVA					

TOTAL CONNECTED LOAD	33.8 kVA	141 A				
TOTAL DEMAND LOAD	41.9 kVA	174 A				

LOAD TYPE	DESCRIPTION	CONN. LOAD KVA	CONN. LOAD AMPS	DEMAND FACTOR	DESIGN LOAD KVA	DESIGN LOAD AMPS
L	LIGHTING	0.5	2.1	1.25	0.6	2.6
R	RECEPTACLE	0.0	0.0	NEC	0.0	0.0
M	MOTOR	0.0	0.0	NEC	0.0	0.0
H	HEATING	1.5	6.3	1.00	1.5	6.3
AC	HVAC	0.0	0.0	1.00	0.0	0.0
EQ	EQUIPMENT	31.8	132.5	1.25	39.8	165.6
E	EXISTING	0.0	0.0	1.25	0.0	0.0

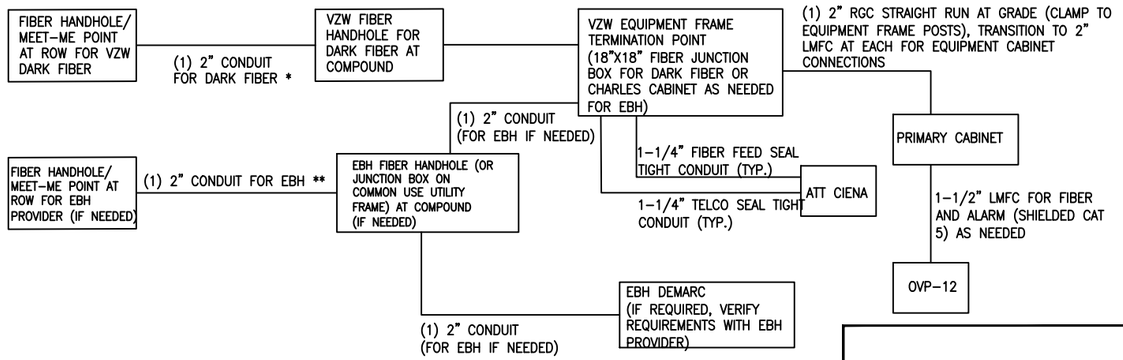
* ALL EQUIPMENT LOADS CONSIDERED CONTINUOUS LOADS

NOTES:
***G.C. TO REFER TO MANUFACTURER'S SPECIFICATIONS FOR TOWER LIGHT CONTROLLER BREAKER & WIRE SIZES. ADJUST AS REQUIRED.**

PANEL SCHEDULE

NOTE:
PANEL SCHEDULE AND SINGLE LINE DIAGRAM REPRESENT A SITE WITH A NEW GE POWER PLANT, 50 KW DIESEL GENERATOR, AND TWO SOURCE ILC (THREE SOURCE ILC OPTIONAL AS NEEDED). ADJUST AS NECESSARY PER LOCAL SITE CONDITIONS.

COMMON VzW DC PLANT RECTIFIER REQUIREMENTS			
RECTIFIER	INPUT FLA CURRENT AT 240 VAC (EACH RECTIFIER)	2 RECT / BRANCH CIRCUIT (PREFERRED APPROACH)	1 RECT / BRANCH CIRCUIT (ALT APPROACH)
GE 75A (NE075AC48xxxx or sim)	22 AMPS (MAX)	60A/2P #3 THHN	30A/2P #10 THHN



FIBER SINGLE LINE DIAGRAM

NOTES:
* ADD (1) ADDITIONAL 2" CONDUIT FOR DARK FIBER (2 TOTAL) IF REQUIRED BY LOCAL MARKET FACILITIES, VERIFY PRIOR TO CONSTRUCTION. (ADD 2 PULL STRINGS TO EACH CONDUIT)
** VERIFY EBH REQUIREMENTS WITH TELCO PROVIDER PRIOR TO CONSTRUCTION. (ADD 2 PULL STRINGS TO EACH CONDUIT)

ISSUED FOR REVIEW

verticalbridge
750 PARK OF COMMERCE BLVD., STE. 200
BOCA RATON, FL 33487

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P. MARSHALL & ASSOCIATES

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NEAR 1011 BEN DAVIS ROAD
BUCHANAN, GA 30113

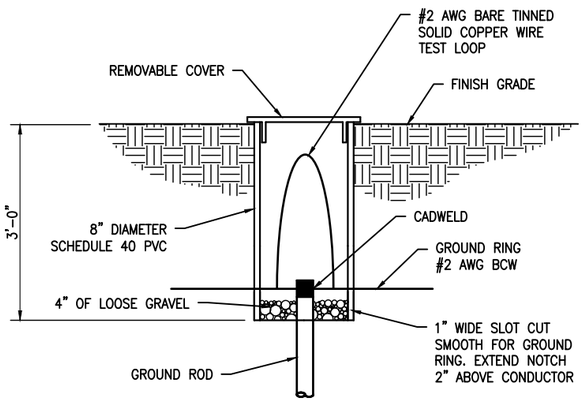
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REV	DATE	DESCRIPTION
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DESIGNED: CTW
DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

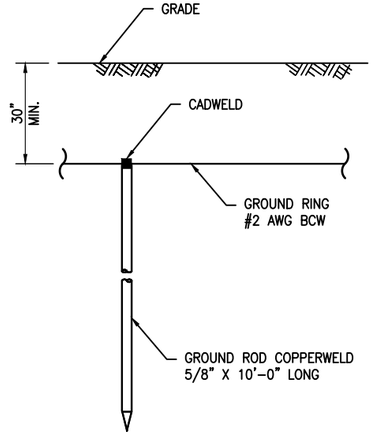
ELECTRICAL RISER & ONE-LINE DIAGRAM

E-4



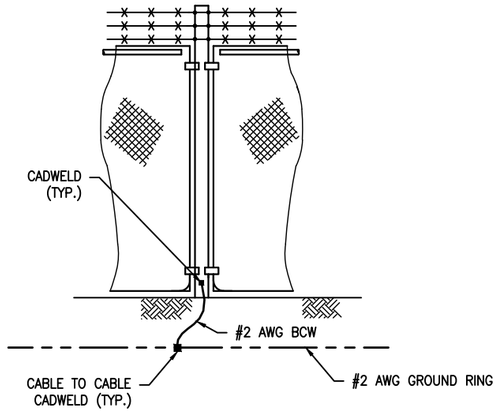
GROUND ROD INSPECTION WELL

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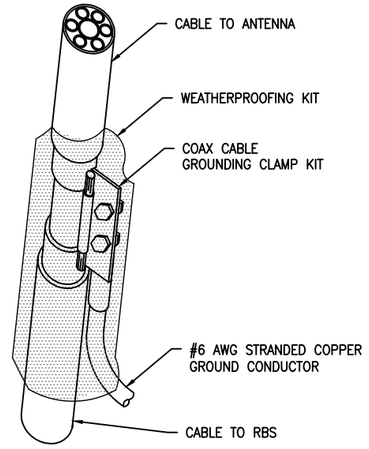
GROUND ROD DETAIL

NOT TO SCALE



FENCE GROUNDING

NOT TO SCALE

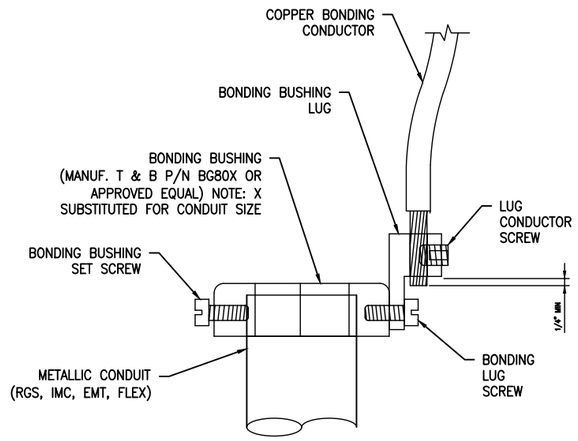


NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT BEND.
2. ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
3. GROUNDING KIT & WEATHER PROOFING KIT SHALL BE TYPE & PART # AS SUPPLIED OR RECOMMENDED BY CABLE MANUFACTURER.

COAX CABLE GROUND KIT

NOT TO SCALE

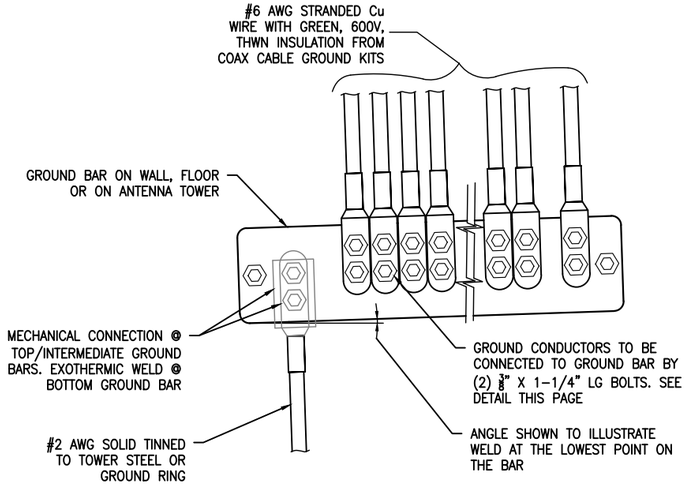


DIRECTIONS:
1. MOUNT BONDING BUSHING ONTO CONDUIT
2. TIGHTEN BOND BUSHING SET SCREW
3. INSERT COPPER CONDUCTOR INTO LUG
4. TIGHTEN LUG CONDUCTOR SCREW
5. TIGHTEN BONDING LUG SCREW

NOTE: BONDING BUSHING, SET SCREW, LUG, LUG SCREW, COND. LUG SCREW, SHOWN AS COMPLETE UNIT.

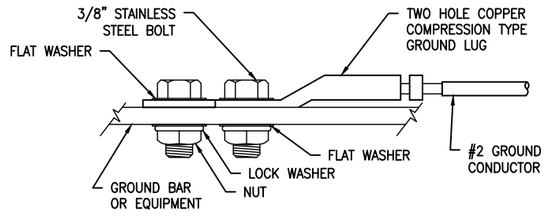
CONDUIT BOND/GROUND BUSHING

NOT TO SCALE



INSTAL. OF GROUND WIRE TO COAX CABLE GROUND BAR

NOT TO SCALE



MECHANICAL GROUND CONNECTION

NOT TO SCALE

verticalbridge
750 PARK OF COMMERCE BLVD., STE. 200
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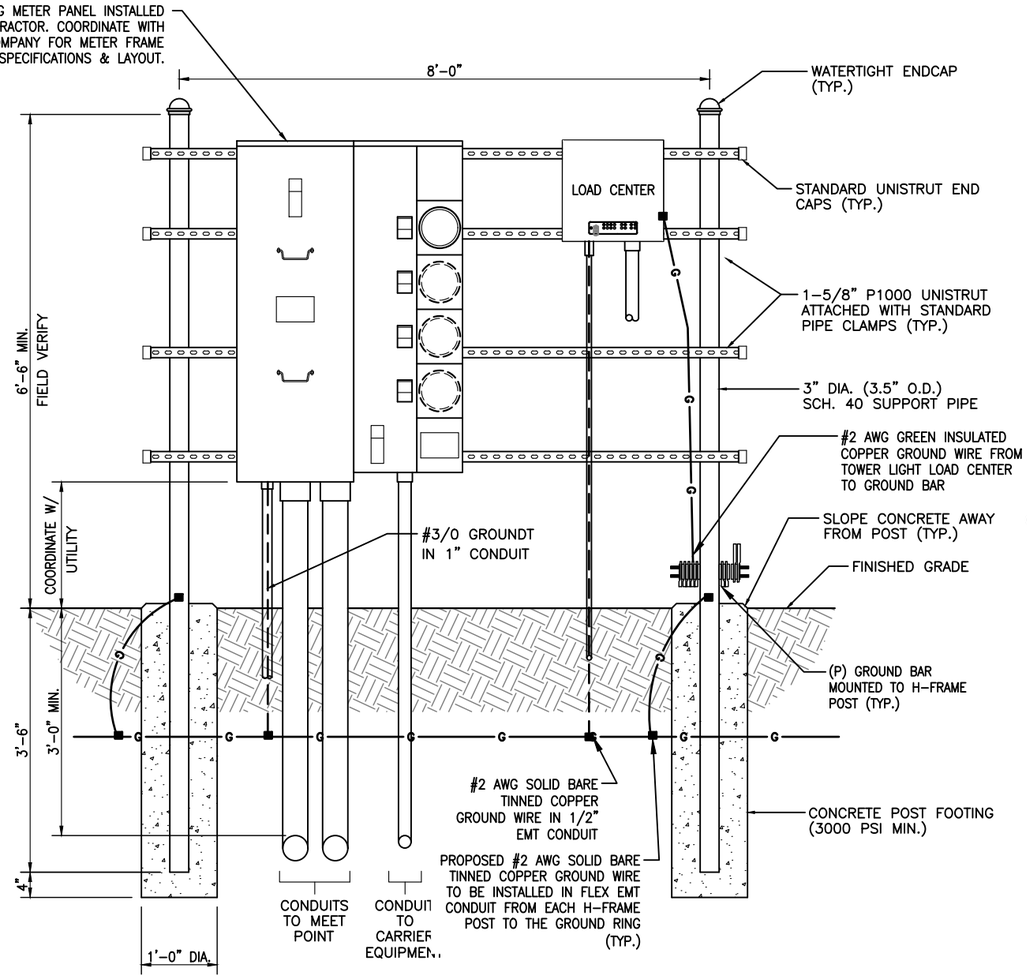
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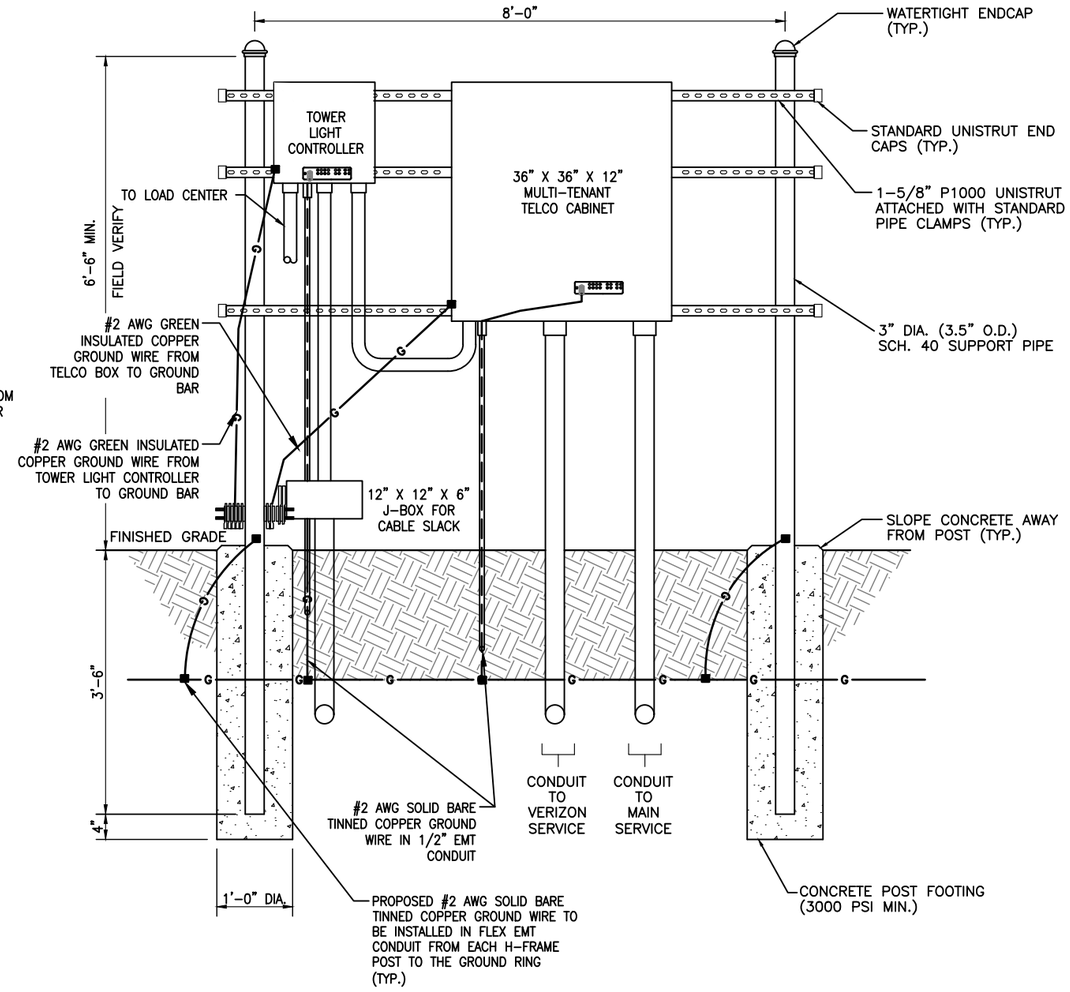
DESIGNED: CTW
DRAWN: AJD
CHECKED: CTW
JOB#: 25VBVW32N-002

ISSUED FOR REVIEW

GROUNDING DETAILS

E-5





POWER CONDUIT ROUTING NOTES (TO BE VERIFIED W/ POWER COORDINATION):

1. IF 3–GANG 600A METER FRAME IS USED:
   1.1. USE (2) SET OF (3) 350 KCMIL IN (2) 3" SCH. 40 PVC CONDUIT TO MEET POINT (MAX 230' LENGTH). COORDINATE WITH LOCAL UTILITY COMPANY FOR FINAL POWER COORDINATION DETAILS.
2. IF 4–GANG 800A METER FRAME IS USED:
   2.1. USE (2) SET OF (3) 600 KCMIL IN (2) 4" SCH. 40 PVC CONDUIT TO MEET POINT (MAX 240' LENGTH). COORDINATE WITH LOCAL UTILITY COMPANY FOR FINAL POWER COORDINATION DETAILS.

MULTI–TENANT METER FRAME DETAIL

NTS

NOTES:

1. CONTRACTOR SHALL FIELD LOCATE THE METER PEDESTAL AS SHOWN ON SITE PLAN. INSTALL THE METER PEDESTAL NEAR THE PERIMETER OF THE FENCED COMPOUND WITH THE METERS FACING AS SHOWN.
2. SUPPORT POST AND UNISTRUT SHALL BE GALVANIZED. PIPE CLAMPS AND HARDWARE SHALL BE GALVANIZED OR STAINLESS STEEL.
3. ADJUSTMENTS TO THE METER PEDESTAL DESIGN MAY BE REQUIRED DEPENDING ON THE EXACT METER PANEL INSTALLED. CONTRACTOR SHALL FIELD COORDINATE ADJUSTMENTS AND INFORM THE ENGINEER IF ANY UNUSUAL CONDITIONS ARE FOUND TO EXIST.
4. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL POWER COMPANY FOR THE CONDUIT RUN VERIZON MEET POINT.
5. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY COMPANY FOR GROUND ROD REQUIREMENTS. IF REQUIRED, THE CONTRACTOR SHALL PAY FOR NECESSARY GROUND TESTS.
6. THE PROPOSED TELCO CABINET SHALL BE A 48" X 48" X 12" HOFFMAN BOX OR EQUIVALENT. PROVIDE A 3/4" PLYWOOD BACKBOARD INSIDE THE MULTI–TENANT CABINET.

verticalbridge
750 PARK OF COMMERCE BLVD., STE. 200
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UTILITY H-FRAME DETAILS

E-6

Appendix B

Air Quality and EPA Programs

EPA EnviroMapper



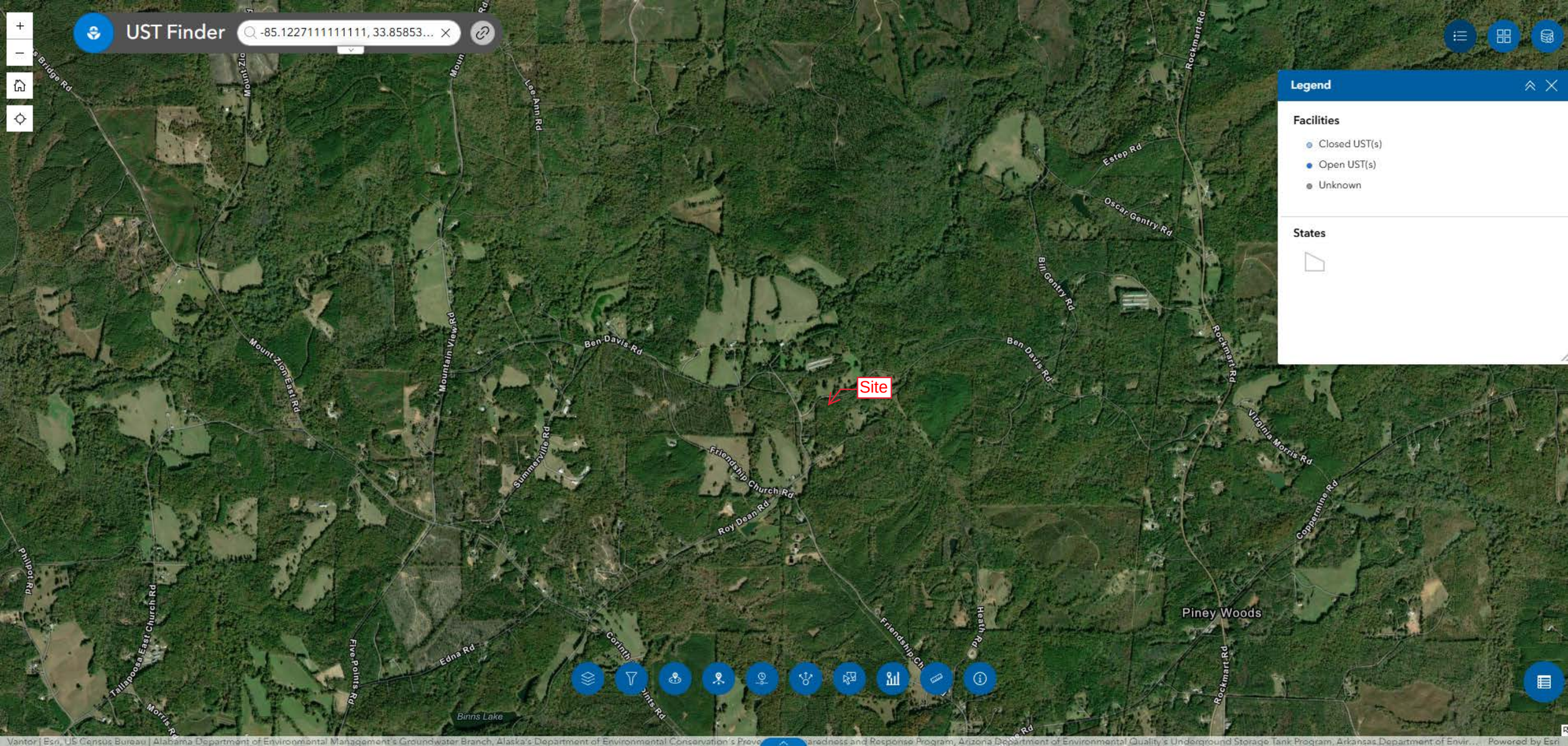
April 2, 2026

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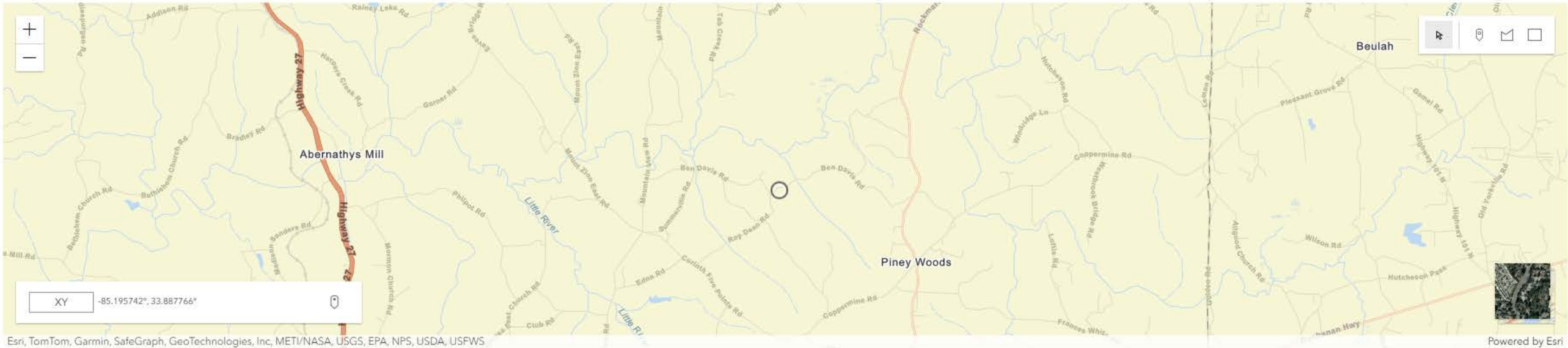
0 0.2 0.4 0.8 km

Vantor, Esri Community Maps Contributors, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US


UST Finder
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Legend
Facilities
Closed UST(s)
Open UST(s)
Unknown
States
Site
Ben Davis Rd
Mount Zion East Rd
Mountain View Rd
Summerville Rd
Friendship Church Rd
Roy Dean Rd
Estep Rd
Oscar Gentry Rd
Bill Gentry Rd
Rockmart Rd
Virginia Morris Rd
Coppermine Rd
Heath Rd
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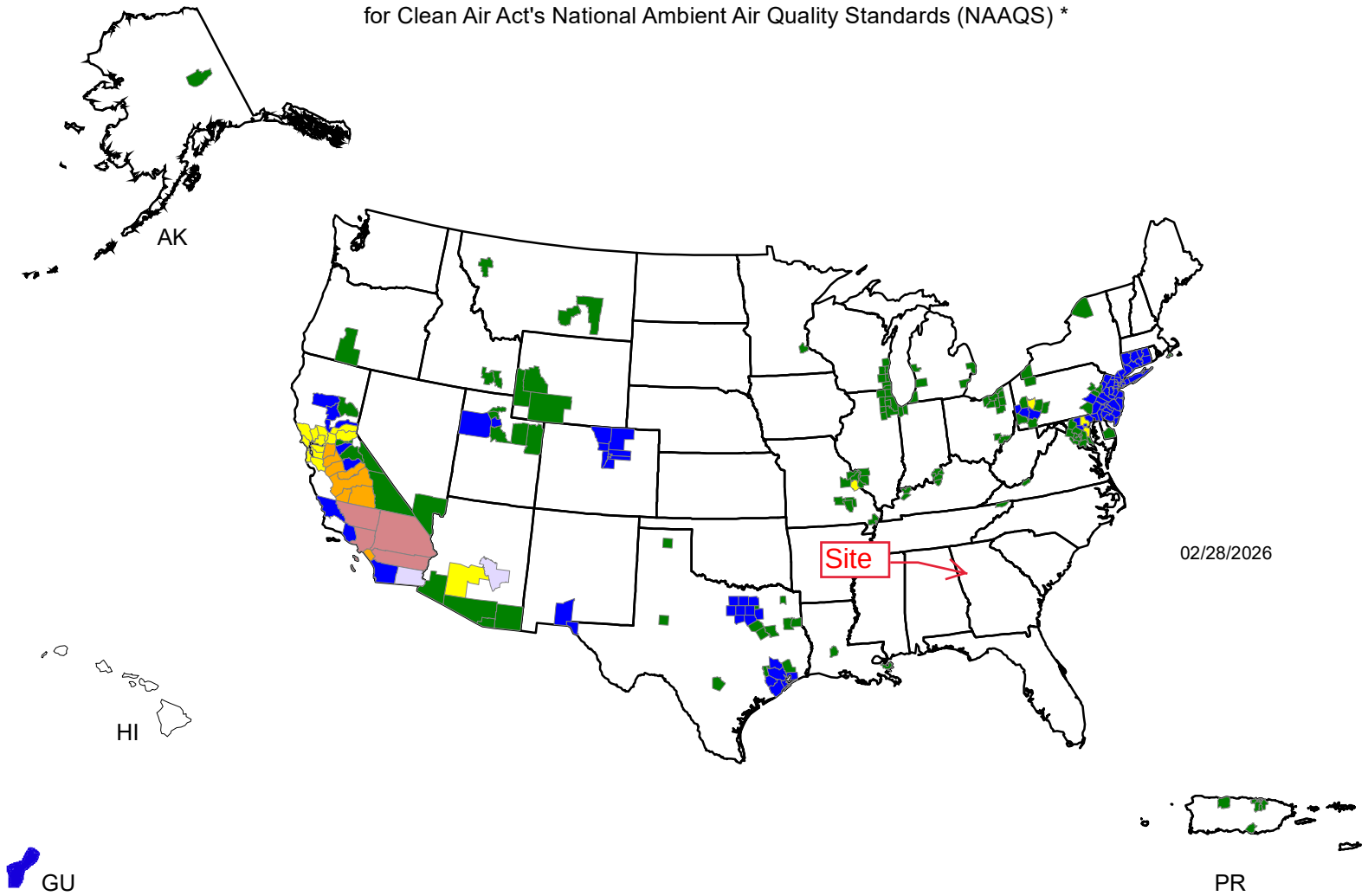
EPA EnviroMapper Water Discharges Map



Open Report | Save Map for Later | Clear All Graphics

Counties Designated "Nonattainment"

for Clean Air Act's National Ambient Air Quality Standards (NAAQS) *



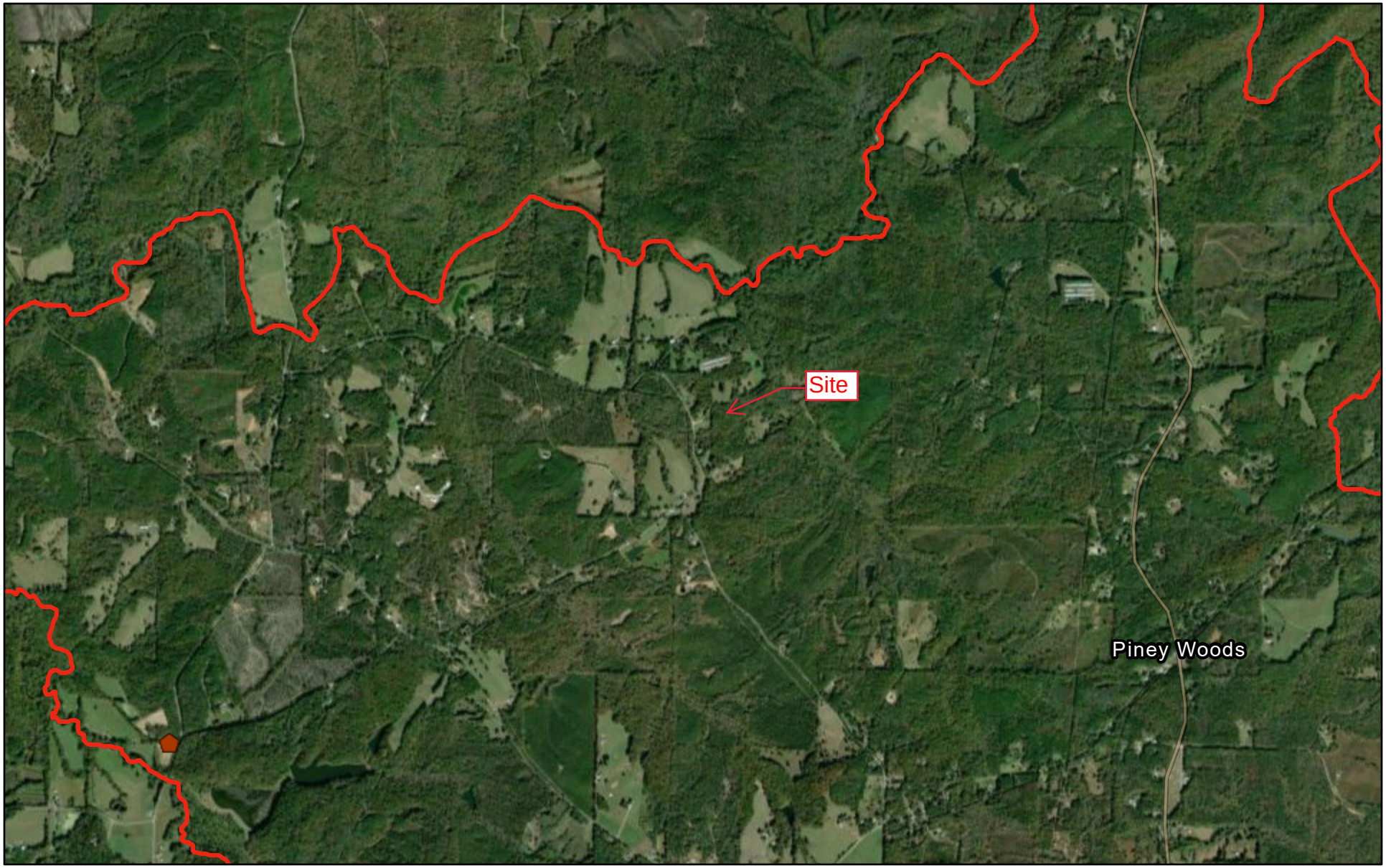
Legend **

- County Designated Nonattainment for 6 NAAQS Pollutants
- County Designated Nonattainment for 5 NAAQS Pollutants
- County Designated Nonattainment for 4 NAAQS Pollutants
- County Designated Nonattainment for 3 NAAQS Pollutants
- County Designated Nonattainment for 2 NAAQS Pollutants
- County Designated Nonattainment for 1 NAAQS Pollutant

* The National Ambient Air Quality Standards (NAAQS) are health standards for Carbon Monoxide, Lead (1978 and 2008), Nitrogen Dioxide, 8-hour Ozone (2008), Particulate Matter (PM-10 and PM-2.5 (1997, 2006 and 2012), and Sulfur Dioxide.(1971 and 2010)

** Included in the counts are counties designated for NAAQS and revised NAAQS pollutants. Revoked 1-hour (1979) and 8-hour Ozone (1997) are excluded. Partial counties, those with part of the county designated nonattainment and part attainment, are shown as full counties on the map.

NTIA EPA Programs Map



4/2/2026

**National Pollutant Discharge Elimination System Sites (NPDES)

**Impaired Streams

Y

2,016 - 2,020.5

2,020.5 - 2,022

2,022

1:36,112

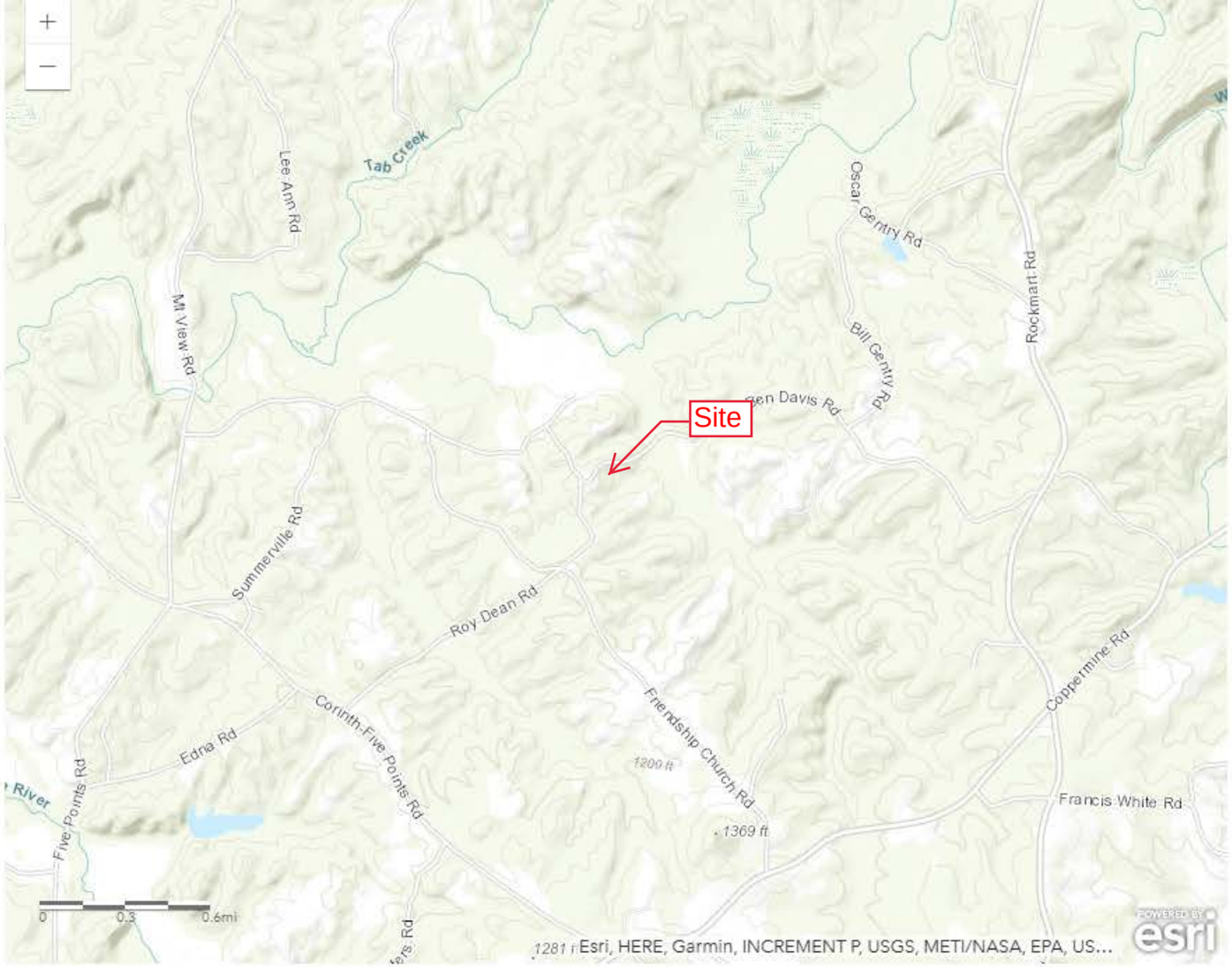
0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, This EPA Geospatial data set is

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- Uniform Environmental Covenants
- Voluntary Remediation
- Household Hazardous Waste
- Recovered Materials and Abatement
- Solid Waste
- Surface Mining
- Underground Storage Tanks
- Technical Guidance
- Watershed Protection
- District Offices
- EPD Laboratory Operations

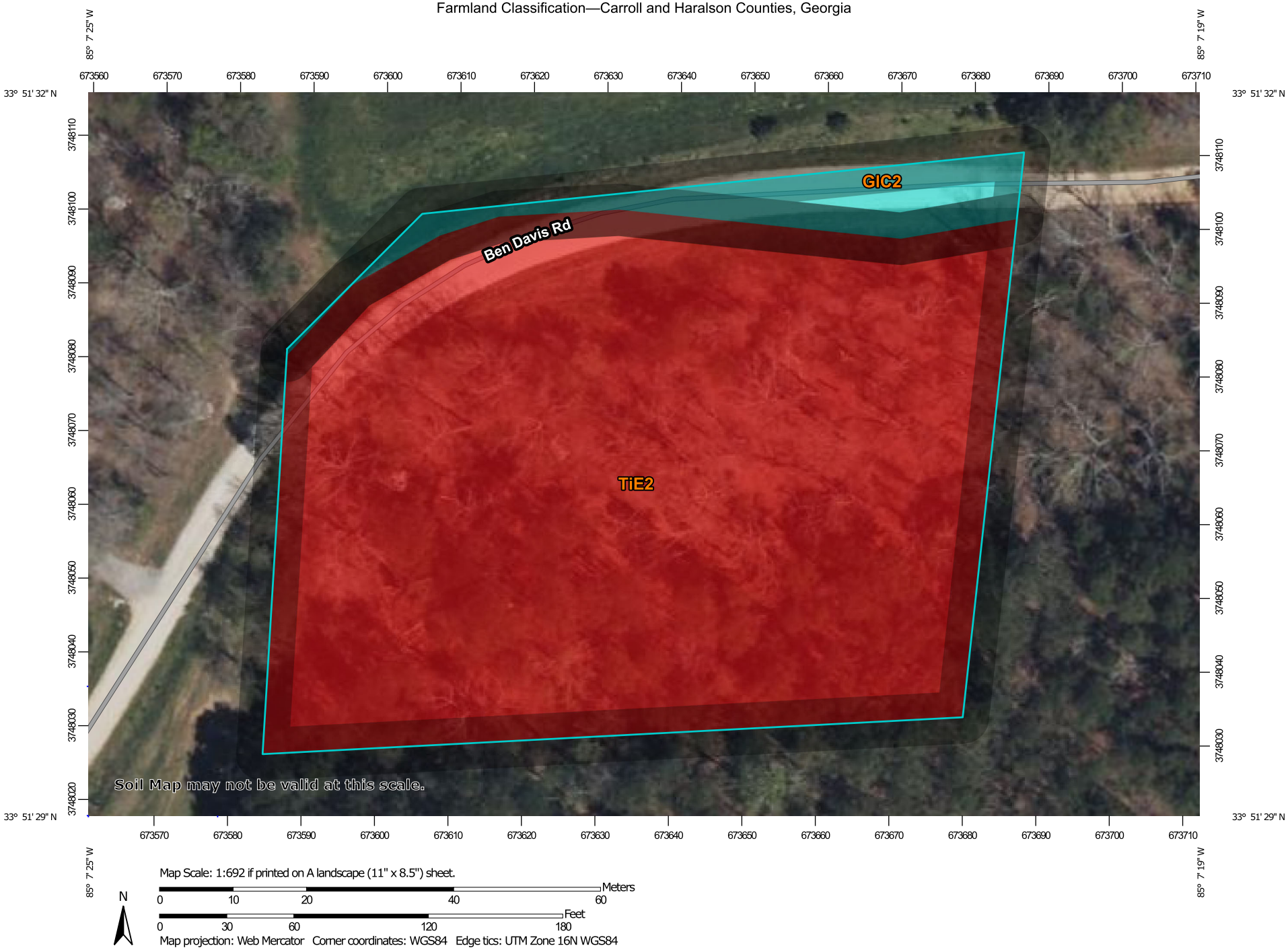


Map Legend

Symbol	Investigation / Cleanup Funding Source	Description
🔴	Responsible Party (RP)	Work funded by responsible party or other entity.
🟡	Abandoned (A)	RP unable/unwilling to perform work. EPD may use Hazardous Waste Trust Fund and may lien property.
🟢	Public Landfill (L)	Costs may be reimbursed from Hazardous Waste Trust Fund.

Appendix C

Geology and Soils



Map Scale: 1:692 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 10 20 40 60

Feet: 0 30 60 120 180

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

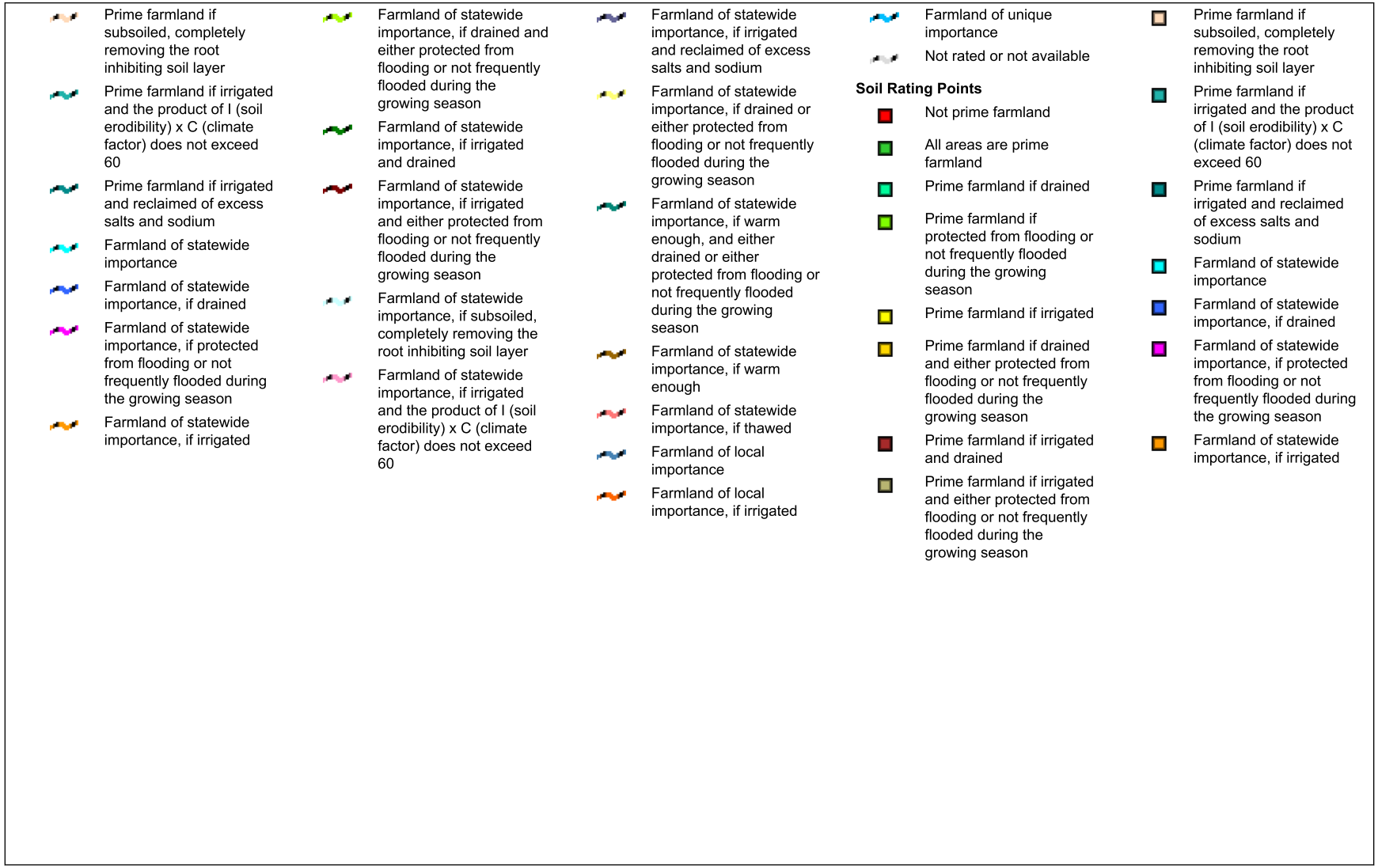
Soils

Soil Rating Polygons

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if subsoiled, completely removing the root inhibiting soil layer
- Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Prime farmland if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance
- Farmland of statewide importance, if drained
- Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated
- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Soil Rating Lines

- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated
- Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
- Prime farmland if irrigated and drained
- Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season


Prime farmland if subsoiled, completely removing the root inhibiting soil layer
Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Prime farmland if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated
Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated and drained
Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if warm enough
Farmland of statewide importance, if thawed
Farmland of local importance
Farmland of local importance, if irrigated
Farmland of unique importance
Not rated or not available
Soil Rating Points
Not prime farmland
All areas are prime farmland
Prime farmland if drained
Prime farmland if protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated
Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
Prime farmland if irrigated and drained
Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
Prime farmland if subsoiled, completely removing the root inhibiting soil layer
Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
Prime farmland if irrigated and reclaimed of excess salts and sodium
Farmland of statewide importance
Farmland of statewide importance, if drained
Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
Farmland of statewide importance, if irrigated

- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if irrigated and drained
- Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
- Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated
- Farmland of unique importance
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Carroll and Haralson Counties, Georgia
Survey Area Data: Version 17, Sep 5, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 10, 2022—Apr 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
GlC2	Grover gravelly fine sandy loam, 6 to 10 percent slopes, eroded	Farmland of statewide importance	0.1	6.7%
TiE2	Tallapoosa gravelly fine sandy loam, 15 to 25 percent slopes, eroded	Not prime farmland	1.6	93.3%
Totals for Area of Interest			**1.7**	**100.0%**

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

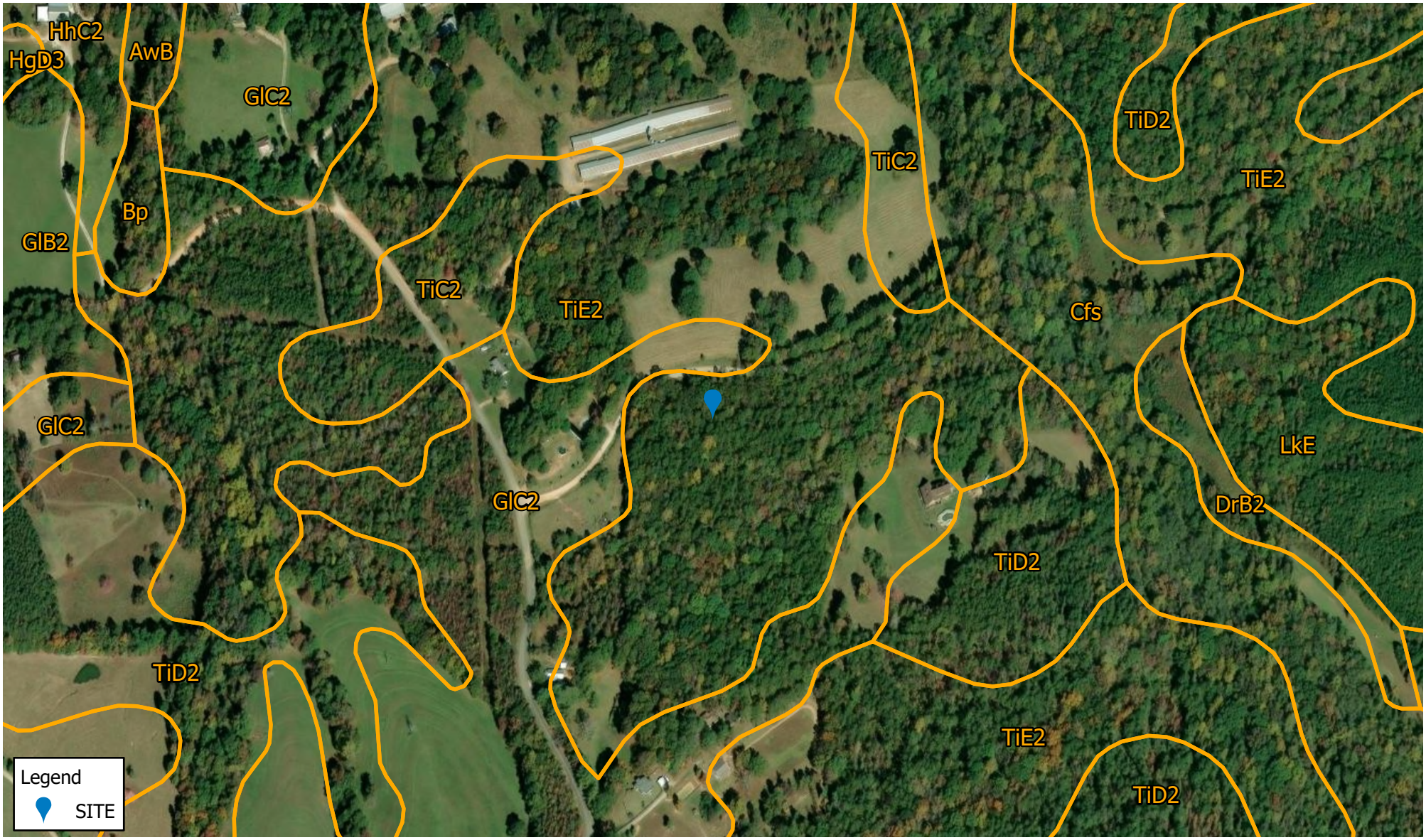
A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The majority of soil attributes are associated with a component of a map unit, and such an attribute has to be aggregated to the map unit level before a thematic map can be rendered. Map units, however, also have their own attributes. An attribute of a map unit does not have to be aggregated in order to render a corresponding thematic map. Therefore, the "aggregation method" for any attribute of a map unit is referred to as "No Aggregation Necessary".

Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.



500 0 500

Feet

Date Generated: 12/30/2025

Source: USDA NRCS, Esri

Soil Map

ECA ID: 25-005815

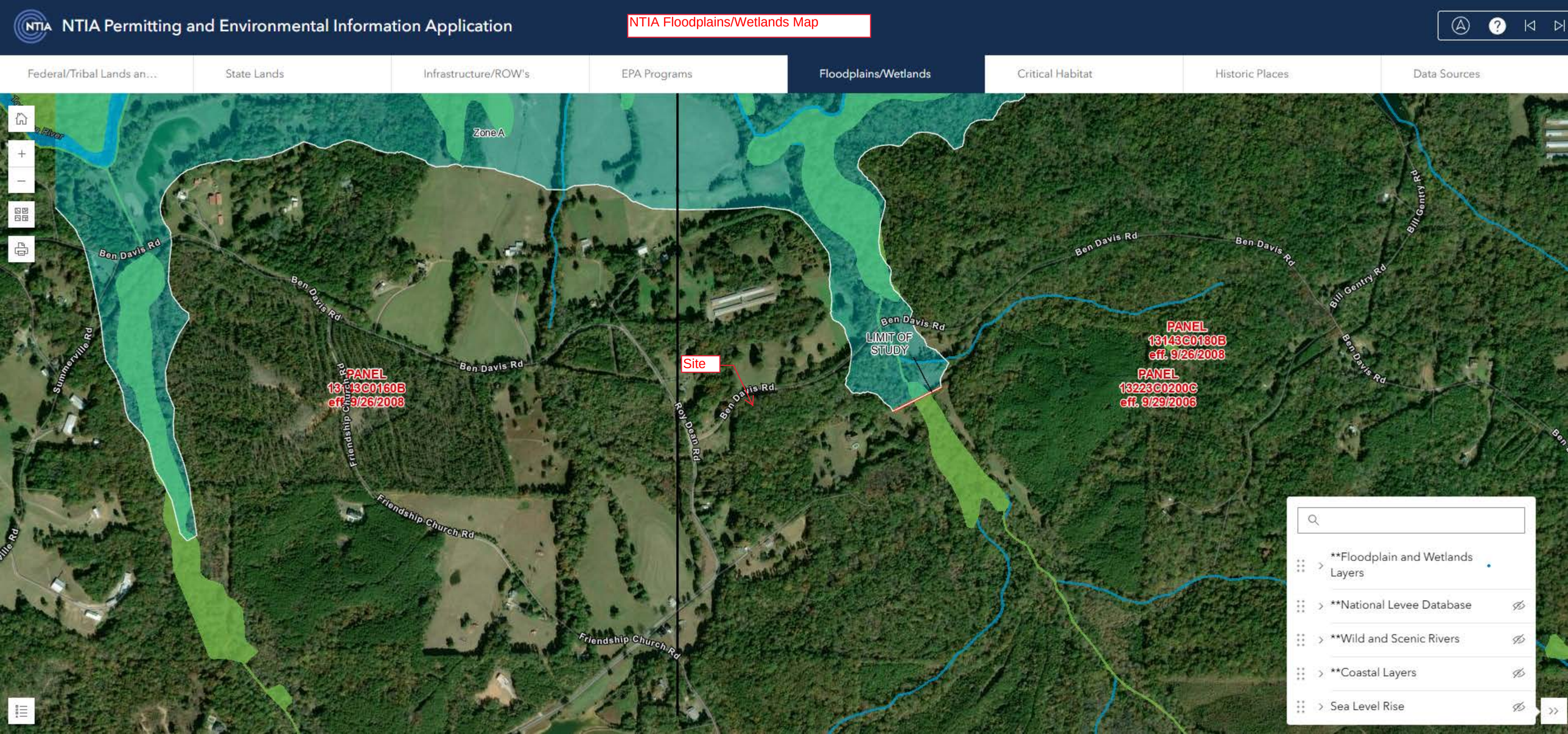
ECA

Map Unit Symbol	Map Unit Name	Farmland Classification	Water Table Depth (cm)	Drainage Class
Grover (GlC2)	Grover gravelly fine sandy loam, 6 to 10 percent slopes, eroded	Farmland of statewide importance		Well drained
Tallapoosa (TiE2)	Tallapoosa gravelly fine sandy loam, 15 to 25 percent slopes, eroded	Not prime farmland		Well drained

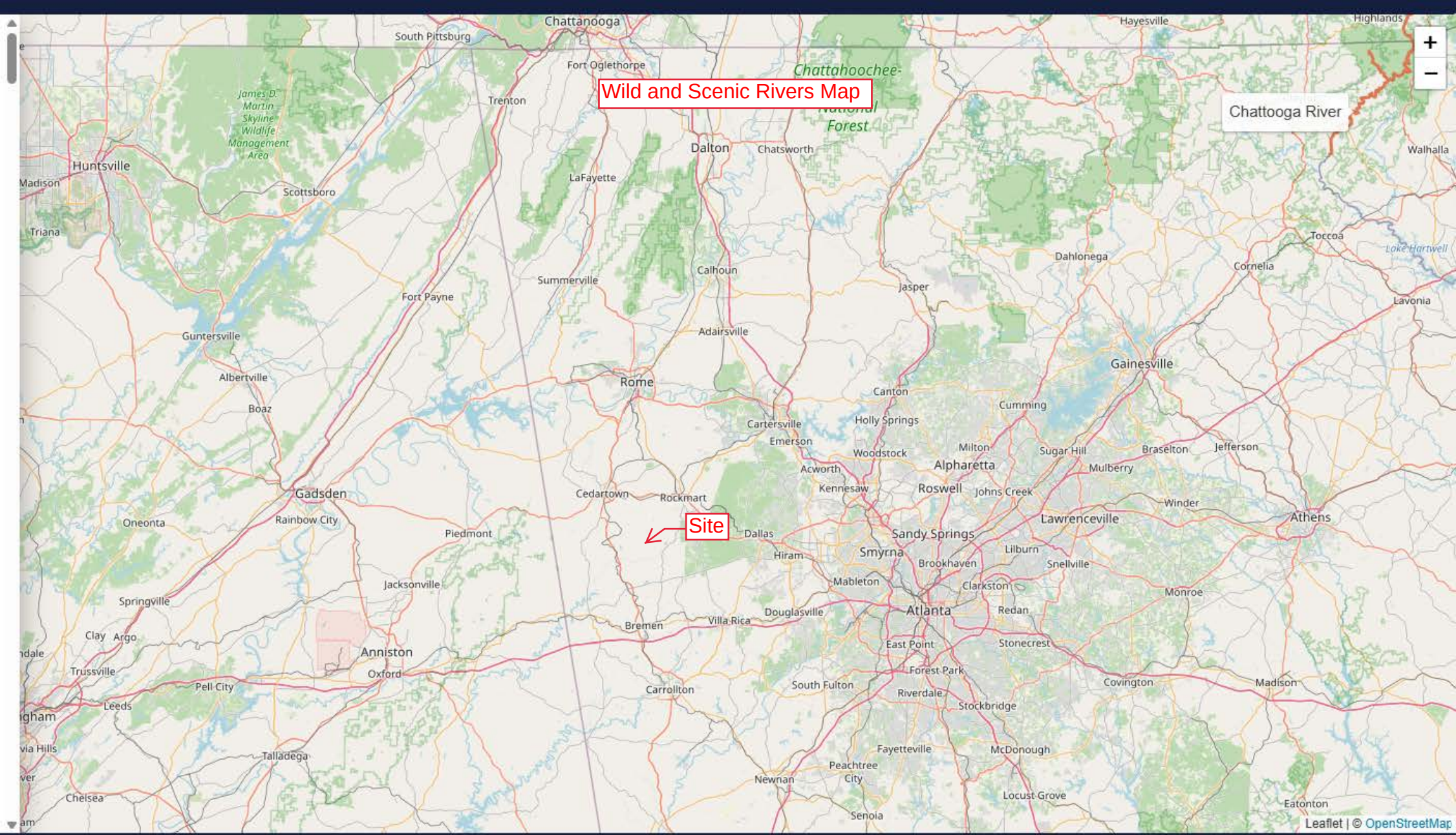
Date Generated: 12/30/2025
Source: USDA Natural Resources Conservation Service

Appendix D

Water Resources


NTIA Permitting and Environmental Information Application
NTIA Floodplains/Wetlands Map
Federal/Tribal Lands an...
State Lands
Infrastructure/ROW's
EPA Programs
Floodplains/Wetlands
Critical Habitat
Historic Places
Data Sources
Zone A
Ben Davis Rd
Ben Davis Rd
Ben Davis Rd
Ben Davis Rd
Ben Davis Rd
Ben Davis Rd
Bill Gentry Rd
Bill Gentry Rd
Summerville Rd
Friendship Church Rd
Friendship Church Rd
Friendship Church Rd
Roy Dean Rd
PANEL
13143C0160B
eff. 9/26/2008
Site
LIMIT OF
STUDY
PANEL
13143C0180B
eff. 9/26/2008
PANEL
13223C0200C
eff. 9/29/2006
**Floodplain and Wetlands Layers
**National Levee Database
**Wild and Scenic Rivers
**Coastal Layers
Sea Level Rise


Sole Source Aquifers
-85.1227111111111, 33.85853888888889
Highway 27
Highway 27
Highway 27
Abernathys Mill
Rockmart Rd
Site
Piney Woods


Wild and Scenic Rivers Map
Chattooga River
Site
Chattanooga
South Pittsburg
Fort Oglethorpe
Trenton
Chattahoochee-
National
Forest
James D.
Martin
Skyline
Wildlife
Management
Area
Huntsville
Madison
Scottsboro
Triana
Dalton
Chatsworth
LaFayette
Summerville
Calhoun
Fort Payne
Adairsville
Rome
Guntersville
Albertville
Boaz
Gadsden
Oneonta
Rainbow City
Piedmont
Cedartown
Rockmart
Dallas
Hiram
Jacksonville
Springville
Clay
Argo
Anniston
Oxford
Trussville
Pell City
Leeds
Talladega
Chelsea
Carrollton
Bremen
Villa Rica
Douglasville
Atlanta
East Point
South Fulton
Forest Park
Riverdale
Stockbridge
Fayetteville
Peachtree
City
Newnan
Senoia
McDonough
Locust Grove
Eatonton
Covington
Madison
Monroe
Stonecrest
Redan
Clarkston
Mableton
Smyrna
Brookhaven
Lilburn
Snellville
Sandy Springs
Lawrenceville
Winder
Athens
Roswell
Johns Creek
Alpharetta
Milton
Sugar Hill
Mulberry
Braselton
Jefferson
Woodstock
Acworth
Kennesaw
Canton
Cartersville
Emerson
Holly Springs
Cumming
Gainesville
Jasper
Dahlonega
Cornelia
Toccoa
Lake Hartwell
Lavonia
Walhalla
Highlands
Hayesville
Leaflet | © OpenStreetMap



500 0 500 Feet

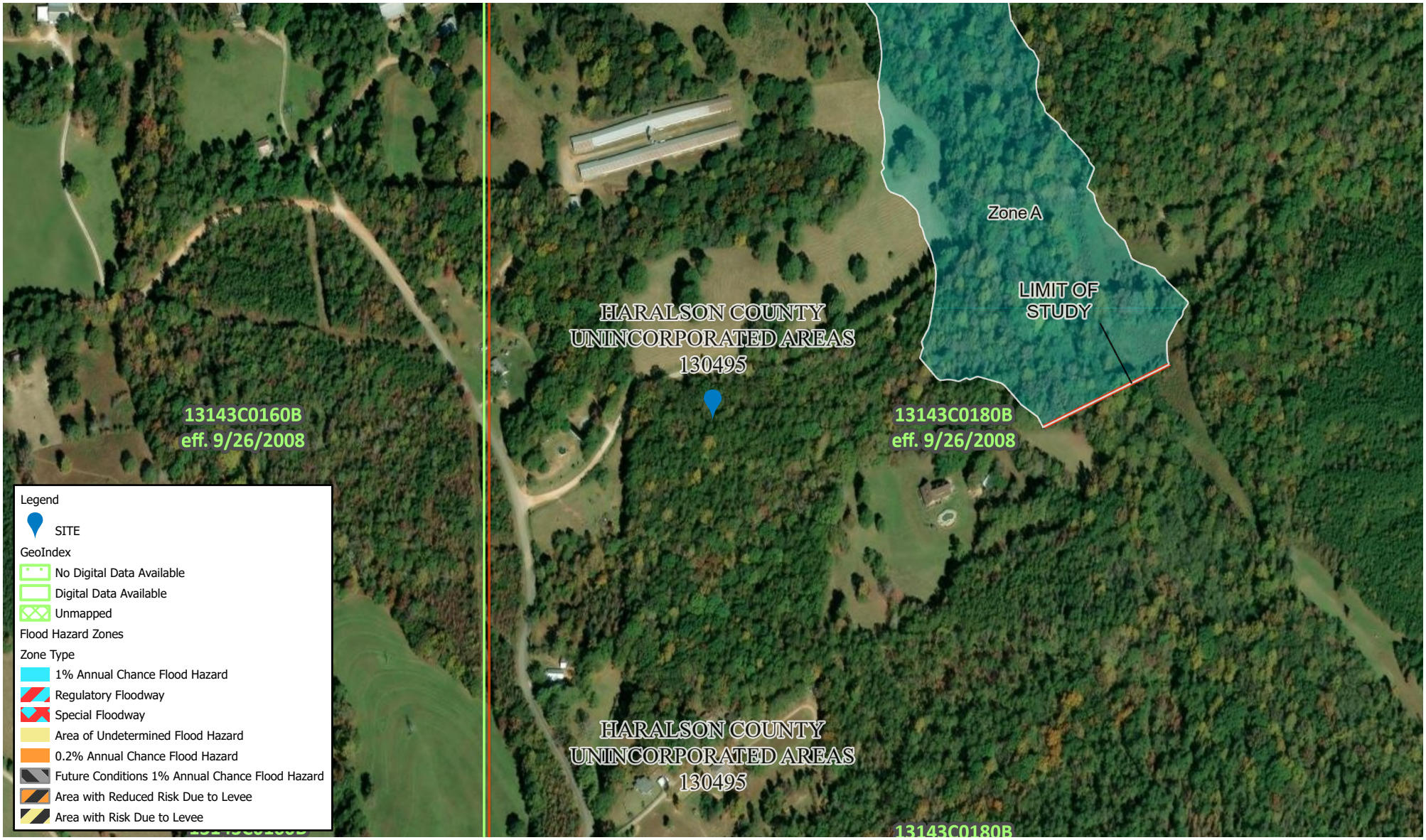
Date Generated: 12/30/2025

Source: U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

Wetlands

ECA ID: 25-005815

ECA



500 0 500

Feet

Date Generated: 12/30/2025

Source: FEMA's National Flood Hazard Layer

FEMA Floodplain Map

ECA ID: 25-005815

ECA

Appendix E

Biological Resources

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Georgia Ecological Services Field Office
355 East Hancock Avenue
Room 320
Athens, GA 30601-2523
Phone: (706) 613-9493 Fax: (706) 613-6059
Email Address: gaes_assistance@fws.gov

In Reply Refer To: 04/20/2026 14:56:16 UTC
Project Code: 2026-0078590
Project Name: Meriadoc US-GA-5748

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for requesting information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) is responsible for managing certain species of wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), Migratory Bird Treaty Act (MBTA) as amended (16 USC 701-715), Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.) and Bald and Golden Eagle Protection Act as amended (16 USC 668-668c). We provide the following guidance for understanding which federally protected species and critical habitats may occur within your project area and to recommend conservation measures for your project if you determine those species or designated critical habitats may be affected by the project activities.

Federally-listed Species and Critical Habitat

Under the ESA, it is the responsibility of the Federal action agency, their designated non-Federal representative, or a project proponent to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make “no effect” determinations. If you determine that your proposed action will have “no effect” on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally listed threatened or endangered fish or wildlife species without the appropriate permit. If you need additional guidance to inform your effect determination, please contact the Service.

If you determine that your proposed action may affect federally listed species, please consult with the Service. Through the consultation (for projects seeking Federal funding or permitting) or technical assistance (for non-Federal projects) process, we will work with you to evaluate

information contained in a biological assessment or equivalent documents that you provide. If your proposed action is associated with Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a) (1)(B) of the ESA (also known as a Habitat Conservation Plan) may be necessary to exempt "take" of federally listed threatened or endangered fish or wildlife species when it cannot be avoided.

Action Area. The scope of ESA compliance includes direct and indirect effects of project activities (e.g., equipment staging areas, offsite borrow material areas, or utility relocations). The "action area" is the spatial extent of an action's direct and indirect modifications or impacts to the land, water, or air (50 CFR 402.02). Large projects may have effects to land, water, or air outside the immediate footprint of the project, and these areas should be included as part of the action area. Effects to land, water, or air outside of a project footprint could include things like lighting, dust, smoke, and noise. To obtain a complete list of species, the action area should be uploaded or drawn in IPaC rather than just the project footprint. Please note that a lead federal agency may consider an action area that excludes portions of the project footprint. In these cases, further coordination with our office may be required to ensure compliance with the ESA. It is the responsibility of the project proponent to coordinate with the lead federal agency to understand the action and action area being reviewed as part of ESA Section 7 consultation.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. An updated list may be requested through IPaC.

How to Submit a Project Review
If your action may affect any federally listed species and you would like technical assistance from our office, please send us a complete project review package. A step-by-step guide is available below and supplemental guidance is available at the Georgia Ecological Services Project Planning and Review page (https://www.fws.gov/office/georgia-ecological-services/project-planning-review).

Requests for threatened and endangered species project reviews must be submitted to our office using the process described below. All steps must be completed to ensure your project is reviewed by a biologist in our office and you receive a timely response.

Step 1. Request an official species list for your project through IPaC. You have just completed this step.

Step 2. Complete applicable Determination Keys (DKey's, for short)

Step 3. Send your complete project project review package to gaes_assistance@fws.gov for review if no DKey is applicable or certain project components have not been addressed (i.e. a

species returned by IPaC does not have a DKey). A complete project review package should include:

1. A description of the proposed action, including any measures intended to avoid, minimize, or offset effects of the action. The description shall provide sufficient detail to assess the effects of the action on listed species and critical habitat, such as the purpose of the action; duration and timing of the action; location (latitude and longitude); specific activities involving disturbance to land, water, and air, and how they will be carried out; current description of areas to be affected directly or indirectly by the action; and maps, drawings, or similar schematics of the action. Please submit all areas of a project as one single submission and do not separate into smaller components/submissions.
2. An updated Official Species List and Determination Key results
3. Biological Assessments (may include habitat assessments and information on the presence of listed species in the action area);
4. Description of effects of the action on species in the action area and, if relevant, effect determinations for species and critical habitat;
5. Conservation measures and any other available information related to the nature and scope of the proposed action relevant to its effects on listed species or designated critical habitat (e.g., management plans related to stormwater, vegetation, erosion and sediment plans). Visit the Georgia Conservation Planning Toolbox for more information.
6. In the email subject line, use the following format to include the Project Code from your IPaC species list and the county in which the project is located (Example: Project Code: 2023-0049730 Gwinnett Co.). For Georgia Department of Transportation related projects, please work with the Office of Environmental Services ecologist to determine the appropriate USFWS transportation liaison.

Our team will respond within approximately 30 days of receipt with technical assistance and recommendations.

Wetlands and Floodplains

Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value. We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

Migratory Birds

The MBTA prohibits the taking of migratory birds, nests, and eggs, except as permitted by the Service's Migratory Birds Program. To minimize the likelihood of adverse impacts to migratory birds, we recommend construction activities occur outside the general bird nesting season from March through August, or that areas proposed for construction during the nesting season be surveyed, and when occupied, avoided until the young have fledged. Information related to

industry best practices and migratory birds can be found at the Service's Reducing Impacts to Migratory Birds page.

Bald and Golden Eagles

The Service works to manage and conserve both bald eagle and golden eagle populations. We provide guidance on living and working near eagles, updates on the status of the populations of bald and golden eagles, and permits for the take, possession, or transportation of eagles and their parts, nests, and eggs. For more information, please visit the Service's Eagle Management page.

Other Species Considerations

Bats. If your species list includes Indiana bat (*Myotis sodalis*), northern long-eared bat (*M. septentrionalis*), or tricolored bat (*Perimyotis subflavus*) and the project is expected to impact forested habitat, tree clearing should occur outside of the periods when bats may be present and most vulnerable. Federally listed bats could be actively present in forested landscapes from spring through fall of any year. In much of Georgia, our winters are mild enough that tricolored bats are likely active on the landscape to some extent year-round. Pups are incapable of flight and vulnerable to disturbance from the spring to summer. Our recommended seasonal clearing restriction windows depend on species and region in Georgia. Please reach out to us for guidance.

Indiana, northern long-eared, tricolored, and gray (*M. grisescens*) bats are all known to utilize bridges and culverts in Georgia. If your project includes maintenance, construction, or any other modification or demolition to transportation structures, a qualified individual should complete a survey of these structures for bats and submit your findings via the “GADNR Bats in Bridges” form in the Survey123 App, free on Apple and Android devices. Please include these findings in any biological assessment(s) or other documentation that is submitted to our office for technical assistance or consultation.

Eastern Indigo Snake. The Standard Protection Measures for the Eastern Indigo Snake (*Drymarchon couperi*) include educational materials and training that can help protect the species by making staff working on a project site aware of their presence and traits. In Georgia, indigo snakes are closely associated with the state-listed gopher tortoise (*Gopherus polyphemus*), a reptile that excavates extensive underground burrows that provide the snake shelter from winter cold and summer desiccation. **T**o assist project proponents in avoiding and minimizing potential impact to the eastern indigo snake, the Service provides the Visual Encounter Survey Protocol for the Eastern Indigo Snake (*Drymarchon couperi*) in Georgia for project proponents or their designees to evaluate the possible presence of the Eastern indigo snake at a proposed project site.

Solar Energy Development

The Recommended Practices for the Responsible Siting and Design of Solar Development in Georgia, Version 2.0 (published in May 2024) are intended to provide voluntary guidance to support consideration of natural resources during the development of photovoltaic solar in Georgia. Furthermore, the Georgia Low Impact Solar Siting Tool (LISST) is also available as a map layer in IPaC (Find it in the “Layers” Box > “Environmental Data”) to provide project managers with the data to identify areas that may be preferred for low-impact development. The

tool seeks to support the acceleration of large-scale solar development in areas with less impact to the environment.

State Agency Coordination

Environmental review staff at the Georgia Department of Natural Resources (GA DNR) Wildlife Conservation Section can assist with information requests and the review of Georgia rare species and natural community data for specific projects or actions within the state. Please visit their Environmental Review page. Additional information that addresses at-risk or high priority natural resources can be found in the Georgia State Wildlife Action Plan, at Georgia Department of Natural Resources, Wildlife Resources Division Biodiversity Portal, Georgia's Natural, Archaeological, and Historic Resources GIS portal pages.

Thank you for your concern for endangered and threatened species. We appreciate your efforts to identify and avoid impacts to listed and sensitive species in your project area. For further consultation on your proposed activity, please email gaes_assistance@fws.gov and reference the project county and your FWS Project Number. This letter constitutes Georgia Ecological Services' general comments under the authority of the Endangered Species Act.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Georgia Ecological Services Field Office
355 East Hancock Avenue
Room 320
Athens, GA 30601-2523
(706) 613-9493

PROJECT SUMMARY

Project Code: 2026-0078590
Project Name: Meriadoc US-GA-5748
Project Type: Communication Tower New Construction
Project Description: Proposed 255-foot tall SSL telecommunications structure
Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@33.85865375,-85.12276911925926,14z



Counties: Haralson County, Georgia

ENDANGERED SPECIES ACT SPECIES

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Gray Bat *Myotis grisescens* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6329	Endangered
Northern Long-eared Bat *Myotis septentrionalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered

BIRDS

NAME	STATUS
Whooping Crane *Grus americana* Population: Eastern Migratory NEP - U.S.A. (AL, AR, FL, GA, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, OH, SC, TN, VA, WI, WV) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758	Experimental Population, Non-Essential

CLAMS

NAME	STATUS
Finelined Pocketbook *Hamiota altilis* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1393	Threatened

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

FLOWERING PLANTS

NAME	STATUS
Georgia Rockcress *Arabis georgiana* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/4535	Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Ryan Edson
Address: 1375 Union Hill Industrial Ct.
City: Alpharetta
State: GA
Zip: 30004
Email ryan.edson@eca-usa.com
Phone: 7706672040

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Communications Commission

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Georgia Ecological Services Field Office
355 East Hancock Avenue
Room 320
Athens, GA 30601-2523
Phone: (706) 613-9493 Fax: (706) 613-6059
Email Address: gaes_assistance@fws.gov

In Reply Refer To: 04/23/2026 18:20:25 UTC
Project code: 2026-0078590
Project Name: Meriadoc US-GA-5748

Federal Nexus: yes
Federal Action Agency (if applicable): Federal Communications Commission

Subject: Federal agency coordination under the Endangered Species Act, Section 7 for 'Meriadoc US-GA-5748'

Dear Ben Salter:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on April 23, 2026, for 'Meriadoc US-GA-5748' (here forward, Project). This project has been assigned Project Code 2026-0078590 and all future correspondence should clearly reference this number. **Please carefully review this letter. Your Endangered Species Act (Act) requirements may not be complete.**

Ensuring Accurate Determinations When Using IPaC

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into IPaC must accurately represent the full scope and details of the Project.

Failure to accurately represent or implement the Project as detailed in IPaC or the Northern Long-eared Bat and Tricolored Bat Range-wide Determination Key (DKey), invalidates this letter. ***Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid. Note that conservation measures for northern long-eared bat and tricolored bat may differ. If both bat species are present in the action area and the key suggests more conservative measures for one of the species for your Project, the Project may need to apply***

the most conservative measures in order to avoid adverse effects. If unsure which conservation measures should be applied, please contact the appropriate Ecological Services Field Office.

Determination for the Northern Long-Eared Bat and Tricolored Bat

Based on your IPaC submission and a standing analysis completed by the Service, you determined the proposed Project will have the following effect determinations:

Species	Listing Status	Determination
Northern Long-eared Bat (*Myotis septentrionalis*)	Endangered	NLAA

Unless the Service advises you within 15 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that consultation on the Action is complete for northern long-eared bat and/or tricolored bat and no further action is necessary unless either of the following occurs:

- new information reveals effects of the action that may affect the northern long-eared bat or tricolored bat in a manner or to an extent not previously considered; or,
- the identified action is subsequently modified in a manner that causes an effect to the northern long-eared bat or tricolored bat that was not considered when completing the determination key.

15-Day Review Period

As indicated above, the Service will notify you within 15 calendar days if we determine that this proposed Action does not meet the criteria for a “may affect, not likely to adversely affect” (NLAA) determination for the northern long-eared bat and/or tricolored bat. If we do not notify you within that timeframe, you may proceed with the Action under the terms of the NLAA concurrence provided here. This verification period allows the identified Ecological Services Field Office to apply local knowledge to evaluation of the Action, as we may identify a small subset of actions having impacts that we did not anticipate when developing the key. In such cases, the identified Ecological Services Field Office may request additional information to verify the effects determination reached through the Northern Long-eared Bat and Tricolored Bat DKey.

Other Species and Critical Habitat that May be Present in the Action Area

The IPaC-assisted determination key for the northern long-eared bat and tricolored bat does not apply to the following ESA-protected species and/or critical habitat that also may occur in your Action area:

- Finelined Pocketbook *Hamiota altilis* Threatened
- Georgia Rockcress *Arabis georgiana* Threatened
- Gray Bat *Myotis grisescens* Endangered
- Monarch Butterfly *Danaus plexippus* Proposed Threatened
- Whooping Crane *Grus americana* Experimental Population, Non-Essential

You may coordinate with our Office to determine whether the Action may affect the species and/or critical habitat listed above. Note that reinitiation of consultation would be necessary if a new species is listed or critical habitat designated that may be affected by the identified action before it is complete.

If you have any questions regarding this letter or need further assistance, please contact the Georgia Ecological Services Field Office and reference Project Code 2026-0078590 associated with this Project.

Action Description
You provided to IPaC the following name and description for the subject Action.

1. Name

Meriadoc US-GA-5748

2. Description

The following description was provided for the project 'Meriadoc US-GA-5748':

> Proposed 255-foot tall SSL telecommunications structure

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@33.85865375,-85.12276911925926,14z



DETERMINATION KEY RESULT

Based on the answers provided, the proposed Action is consistent with a determination of “may affect, but not likely to adversely affect” for a least one species covered by this determination key.

QUALIFICATION INTERVIEW

1. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed bats or any other listed species?

   Note: Intentional take is defined as take that is the intended result of a project. Intentional take could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered or proposed species?

   No

2. Is the action area wholly within Zone 2 of the year-round active area for northern long-eared bat and/or tricolored bat?

   Automatically answered
   No

3. Does the action area intersect Zone 1 of the year-round active area for northern long-eared bat and/or tricolored bat?

   Automatically answered
   No

4. Does any component of the action involve leasing, construction or operation of wind turbines? Answer 'yes' if the activities considered are conducted with the intention of gathering survey information to inform the leasing, construction, or operation of wind turbines.

   No

5. Does the proposed action involve solar energy facilities?

   No

6. Is the proposed action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

   Note for projects in Pennsylvania: Projects requiring authorization under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act would be considered as having a federal nexus. Since the U.S. Army Corps of Engineers (Corps) has issued the Pennsylvania State Programmatic General Permit (PASPGP), which may be verified by the PA Department of Environmental Protection or certain Conservation Districts, the need to receive a Corps authorization to perform the work under the PASPGP serves as a federal nexus. As such, if proposing to use the PASPGP, you would answer ‘yes’ to this question.

   Yes

7. Is the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), or Federal Transit Administration (FTA) funding or authorizing the proposed action, in whole or in part?

   No

8. Are you an employee of the federal action agency or have you been officially designated in writing by the agency as its designated non-federal representative for the purposes of Endangered Species Act Section 7 informal consultation per 50 CFR § 402.08?

   Note: This key may be used for federal actions and for non-federal actions to facilitate section 7 consultation and to help determine whether an incidental take permit may be needed, respectively. This question is for information purposes only.

   Yes

9. Is the lead federal action agency the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC)? Is the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC) funding or authorizing the proposed action, in whole or in part?

   Yes

10. [Semantic] Is the action area located within 0.5 miles of a known bat hibernaculum or winter roost? Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your state wildlife agency.

    Automatically answered
    No

11. Does the action area contain any winter roosts or caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, or tunnels that could provide habitat for hibernating bats?

    No

12. Does the action area contain (1) talus or (2) anthropogenic or naturally formed rock shelters or crevices in rocky outcrops, rock faces or cliffs?

    No

13. Will the action cause effects to a bridge?

    Note: Covered bridges should be considered as bridges in this question.

    No

14. Will the action result in effects to a culvert or tunnel at any time of year?

    No

15. Are trees present within 1000 feet of the action area? **Note:** If there are trees within the action area that are of a sufficient size to be potential roosts for bats answer "Yes". If unsure, additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines.

    Yes

16. Does the action include the intentional exclusion of bats from a building or building-like structure? **Note:** Exclusion is conducted to deny bats' entry or reentry into a building. To be effective and to avoid harming bats, it should be done according to established standards. If your action includes bat exclusion and you are unsure whether northern long-eared bats or tricolored bats are present, answer "Yes." Answer "No" if there are no signs of bat use in the building/structure. If unsure, contact your local Ecological Services Field Office to help assess whether northern long-eared bats or tricolored bats may be present. Contact a Nuisance Wildlife Control Operator (NWCO) for help in how to exclude bats from a structure safely without causing harm to the bats (to find a NWCO certified in bat standards, search the Internet using the search term "National Wildlife Control Operators Association bats"). Also see the White-Nose Syndrome Response Team's guide for bat control in structures.

    No

17. Does the action involve removal, modification, or maintenance of a human-made building-like structure (barn, house, or other building) **known or suspected to contain roosting bats?**

    No

18. Will the action cause construction of one or more new roads open to the public?

    For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

    No

19. Will the action include or cause any construction or other activity that is reasonably certain to increase average night-time traffic permanently or temporarily on one or more existing roads? **Note:** For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.). .

    No

20. Will the action include or cause any construction or other activity that is reasonably certain to increase the number of travel lanes on an existing thoroughfare?

    For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

    No

21. Will the proposed Action involve the creation of a new water-borne contaminant source (e.g., leachate pond, pits containing chemicals that are not NSF/ANSI 60 compliant)?

    Note: For information regarding NSF/ANSI 60 please visit https://www.nsf.org/knowledge-library/nsf-ansi-standard-60-drinking-water-treatment-chemicals-health-effects

    No

22. Will the proposed action involve the creation of a new point source discharge from a facility other than a water treatment plant or storm water system?

    No

23. Will the action include drilling or blasting?

    Yes

24. Will the drilling or blasting produce noise or vibrations above existing background levels that will affect suitable summer habitat for northern long-eared bats and/or tricolored bats?
    Note: Additional information defining suitable summer habitat for the northern long-eared bat and/or tricolored bat, can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines.

    Yes

25. Will the action involve military training (e.g., smoke operations, obscurant operations, exploding munitions, artillery fire, range use, helicopter or fixed wing aircraft use at night)?

    No

26. Will the proposed action involve the use of herbicides or pesticides (e.g., fungicides, insecticides, or rodenticides)?

    No

27. Will the action include or cause activities that are reasonably certain to cause chronic or intense nighttime noise (above current levels of ambient noise in the area) in suitable summer habitat for the northern long-eared bat or tricolored bat during the active season? Chronic noise is noise that is continuous or occurs repeatedly again and again for a long time. Sources of chronic or intense noise that could cause adverse effects to bats may include, but are not limited to: road traffic; trains; aircraft; industrial activities; gas compressor stations; loud music; crowds; oil and gas extraction; construction; and mining.
    Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines.

    No

28. Does the action include, or is it reasonably certain to cause, the use of permanent or temporary artificial lighting within 1000 feet of suitable forested northern long-eared bat or tricolored bat roosting habitat? **Note:** Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines.

    Yes

29. Will the action cause an increase in the extent of suitable forested habitat exposed to artificial lighting?

    No

30. Will the action include tree cutting or other means of knocking down or bringing down trees, tree topping, or tree trimming?

    Yes

31. Is the project related to the production of coal, including projects that support the mining of coal, as well as the production and/or distribution of energy produced from coal?

    No

32. Will the proposed action occur exclusively in an already established and currently maintained utility right-of-way?

    No

33. Does the action include emergency cutting or trimming of hazard trees in order to remove an imminent threat to human safety or property? See hazard tree note at the bottom of the key for text that will be added to response letters

    Note: A "hazard tree" is a tree that is an immediate threat to lives, public health and safety, or improved property.

    No

34. Does the project intersect with the 0- 9.9% forest density category?

    Automatically answered
    No

35. Does the project intersect with the 10.0- 19.9% forest density category map?

    Automatically answered
    No

36. Does the project intersect with the 20.0- 29.9% forest density category map?

    Automatically answered
    No

37. Does the project intersect with the 30.0- 100% forest density category map?

    Automatically answered
    Yes

38. Will the action cause trees to be cut, knocked down, or otherwise brought down across an area greater than 100 acres in total extent?

    No

39. Will the proposed action result in the use of prescribed fire?

    Note: If the prescribed fire action includes other activities than application of fire (e.g., tree cutting, fire line preparation) please consider impacts from those activities within the previous representative questions in the key. This set of questions only considers impacts from flame and smoke.

    No

40. Does the action area intersect the northern long-eared bat species list area?

    Automatically answered
    Yes

41. [Semantic] Is the action area located within 0.5 miles of radius of an entrance/opening to any known NLEB hibernacula or winter roost? Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

    Automatically answered
    No

42. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

    Automatically answered
    No

43. [Semantic] Is the action area located within 150 feet of a documented northern long-eared bat roost site?

    Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.Have you contacted the appropriate agency to determine if your action is within 150 feet of any documented northern long-eared bat roosts?

    Note: A document with links to Natural Heritage Inventory databases and other state-specific sources of information on the locations of northern long-eared bat roosts is available here. Location information for northern long-eared bat roosts is generally kept in state natural heritage inventory databases – the availability of this data varies by state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited.

    Automatically answered
    No

44. Is suitable summer habitat for the northern long-eared bat present within 1000 feet of project activities? If unsure, answer "Yes." **Note:** Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines

    Yes

45. Has a presence/probable absence summer bat survey targeting the northern long-eared bat following the Service's Range-wide Indiana Bat and Northern Long-Eared Bat Survey Guidelines been conducted within the project area?

    No

46. Will drilling or blasting occur during the **Summer Occupancy** season for northern long-eared bats in the action area?

    Note: Bat activity periods for your state can be found in Appendix L of the Service's Range-wide Indiana Bat and Northern long-eared Bat Survey Guidelines.

    No

47. Are any of the trees proposed for cutting or other means of knocking down, bringing down, topping, or trimming suitable for northern long-eared bat roosting (i.e., live trees and/or snags ≥3 inches dbh that have exfoliating bark, cracks, crevices, and/or cavities)?
    Note: Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines.

    Yes

48. Will any tree cutting/trimming or other knocking or bringing down of trees occur during the **Summer Occupancy season** for northern long-eared bats in the action area? **Note:** Bat activity periods for your state can be found in Appendix 2 of the Service's Northern long-eared Bat and Tricolored Bat Voluntary Environmental Review Process for Development Projects.

    No

49. Do you have any documents that you want to include with this submission?

    No

PROJECT QUESTIONNAIRE

Enter the extent of the action area (in acres) from which trees will be removed - round up to the nearest tenth of an acre. For this question, include the entire area where tree removal will take place, even if some live or dead trees will be left standing.

0.48

IPAC USER CONTACT INFORMATION

Agency: Environmental Corporation of America
Name: Ben Salter
Address: 1340 Patton Ave
Address Line 2: Suite K
City: Asheville
State: NC
Zip: 28806
Email ben.salter@eca-usa.com
Phone: 8282260056

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Communications Commission

TRILEAF
environmental architecture engineering
1775 The Exchange SE, Suite 525, Atlanta, GA 30339 - 678-653-8673 - www.trileaf.com

July 15, 2025

US Fish and Wildlife Services - Gerogia Ecological Services
355 East Hancock Avenue
Room 320, Box 7
Athens, Georgia 30601
Phone: (706) 460-7161
Email: gaes_assistance@fws.gov

RE: **The Towers, LLC – Meriadoc / US-GA-5748 – Trileaf Project #767661**
Near Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W

To Whom It May Concern,

Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. On June 14, 2021, this project was submitted to your office for review. And on April 24, 2024, due to the age of the original review, an update letter was submitted to your office for review. On June 28, 2021, and April 29, 2024, your concurrences were received (FWS Log# NG-20-139-Hara). Since that time, the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. Supporting documents are enclosed to assist you in your review.

On June 25, 2025, Trileaf obtained a new IPaC species list and determined that no new species have been added; however, the Tricolored Bat (*Perimyotis subflavus*) has been removed. Please note that the applicant has still committed to limit the removal of trees during October 15 through March 31.

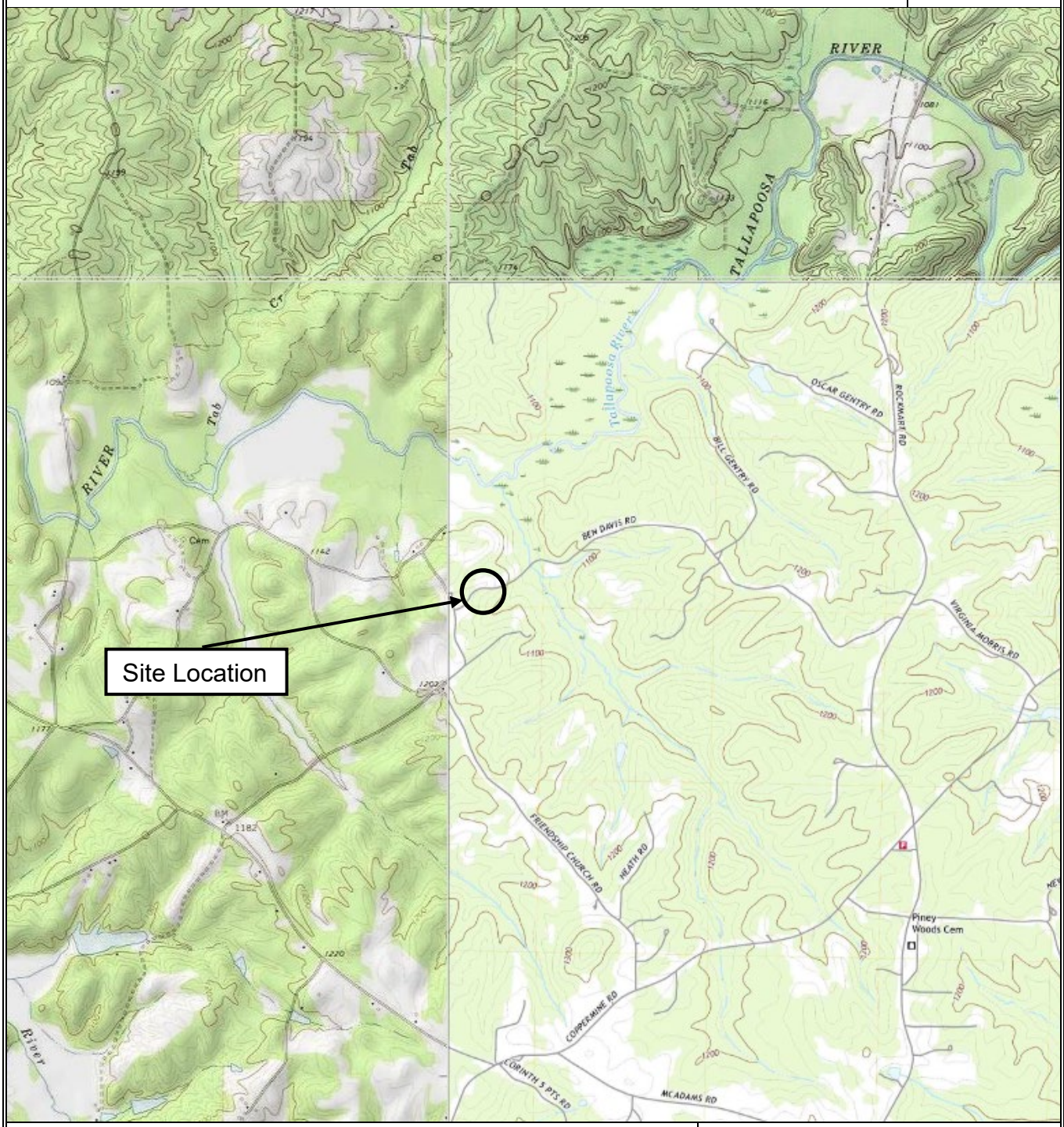
This information is for your records, and no additional response is required. If you need additional information or have any questions you may reach me at **(678) 653-8673 ext. 665** or email **b.allen@trileaf.com**. Thank you for your assistance in this regard.

Sincerely,

Benjamin Allen
Senior Project Scientist II

Draketown Quadrangle, Georgia (2020)
Contour Interval = 20 Feet
Scale 1 Inch = ~2,000 Feet
Latitude: 33° 51’ 30.74” N Longitude: 85° 07’ 21.76” W

North



Site Vicinity Map

The Towers, LLC – Meriadoc
Near Ben Davis Road
Buchanan, Georgia 30113

TRILEAF
environmental architecture engineering



Site Location & Surrounding Properties



Site Location Easement

Aerial Photographs (2023)

The Towers, LLC – Meriadoc
Near Ben Davis Road
Buchanan, Georgia 30113

TRILEAF
environmental architecture engineering

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Georgia Ecological Services Field Office
355 East Hancock Avenue
Room 320
Athens, GA 30601-2523
Phone: (706) 460-7161 Fax: (706) 613-6059

In Reply Refer To: 06/25/2025 17:51:47 UTC
Project Code: 2024-0071798
Project Name: Meriadoc - A

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for requesting information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) is responsible for managing certain species of wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), Migratory Bird Treaty Act (MBTA) as amended (16 USC 701-715), Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.) and Bald and Golden Eagle Protection Act as amended (16 USC 668-668c). We provide the following guidance for understanding which federally protected species and critical habitats may occur within your project area and to recommend conservation measures for your project if you determine those species or designated critical habitats may be affected by the project activities.

Federally-listed Species and Critical Habitat

Under the ESA, it is the responsibility of the Federal action agency, their designated non-Federal representative, or a project proponent to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make “no effect” determinations. If you determine that your proposed action will have “no effect” on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally listed threatened or endangered fish or wildlife species without the appropriate permit. If you need additional guidance to inform your effect determination, please contact the Service.

If you determine that your proposed action may affect federally listed species, please consult with the Service. Through the consultation (for projects seeking Federal funding or permitting) or technical assistance (for non-Federal projects) process, we will work with you to evaluate information contained in a biological assessment or equivalent documents that you provide. If

your proposed action is associated with Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a) (1)(B) of the ESA (also known as a Habitat Conservation Plan) may be necessary to exempt "take" of federally listed threatened or endangered fish or wildlife species when it cannot be avoided.

Action Area. The scope of ESA compliance includes direct and indirect effects of project activities (e.g., equipment staging areas, offsite borrow material areas, or utility relocations). The "action area" is the spatial extent of an action's direct and indirect modifications or impacts to the land, water, or air (50 CFR 402.02). Large projects may have effects to land, water, or air outside the immediate footprint of the project, and these areas should be included as part of the action area. Effects to land, water, or air outside of a project footprint could include things like lighting, dust, smoke, and noise. To obtain a complete list of species, the action area should be uploaded or drawn in IPaC rather than just the project footprint. Please note that a lead federal agency may consider an action area that excludes portions of the project footprint. In these cases, further coordination with our office may be required to ensure compliance with the ESA. It is the responsibility of the project proponent to coordinate with the lead federal agency to understand the action and action area being reviewed as part of ESA Section 7 consultation.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. An updated list may be requested through IPaC.

How to Submit a Project Review
If your action may affect any federally listed species and you would like technical assistance from our office, please send us a complete project review package. A step-by-step guide is available below and supplemental guidance is available at the Georgia Ecological Services Project Planning and Review page (https://www.fws.gov/office/georgia-ecological-services/project-planning-review).

Requests for threatened and endangered species project reviews must be submitted to our office using the process described below. All steps must be completed to ensure your project is reviewed by a biologist in our office and you receive a timely response.

Step 1. Request an official species list for your project through IPaC. You have just completed this step.

Step 2. Complete applicable Determination Keys (DKey's, for short)

Step 3. Send your complete project project review package to gaes_assistance@fws.gov for review if no DKey is applicable or certain project components have not been addressed (i.e. a species returned by IPaC does not have a DKey). A complete project review package should include:

1. A description of the proposed action, including any measures intended to avoid, minimize, or offset effects of the action. The description shall provide sufficient detail to assess the effects of the action on listed species and critical habitat, such as the purpose of the action; duration and timing of the action; location (latitude and longitude); specific activities involving disturbance to land, water, and air, and how they will be carried out; current description of areas to be affected directly or indirectly by the action; and maps, drawings, or similar schematics of the action. Please submit all areas of a project as one single submission and do not separate into smaller components/submissions.
2. An updated Official Species List and Determination Key results
3. Biological Assessments (may include habitat assessments and information on the presence of listed species in the action area);
4. Description of effects of the action on species in the action area and, if relevant, effect determinations for species and critical habitat;
5. Conservation measures and any other available information related to the nature and scope of the proposed action relevant to its effects on listed species or designated critical habitat (e.g., management plans related to stormwater, vegetation, erosion and sediment plans). Visit the Georgia Conservation Planning Toolbox for more information.
6. In the email subject line, use the following format to include the Project Code from your IPaC species list and the county in which the project is located (Example: Project Code: 2023-0049730 Gwinnett Co.). For Georgia Department of Transportation related projects, please work with the Office of Environmental Services ecologist to determine the appropriate USFWS transportation liaison.

Our team will respond within approximately 30 days of receipt with technical assistance and recommendations.

Wetlands and Floodplains

Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value. We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

Migratory Birds

The MBTA prohibits the taking of migratory birds, nests, and eggs, except as permitted by the Service's Migratory Birds Program. To minimize the likelihood of adverse impacts to migratory birds, we recommend construction activities occur outside the general bird nesting season from

March through August, or that areas proposed for construction during the nesting season be surveyed, and when occupied, avoided until the young have fledged. Information related to industry best practices and migratory birds can be found at the Service's Reducing Impacts to Migratory Birds page.

Bald and Golden Eagles

The Service works to manage and conserve both bald eagle and golden eagle populations. We provide guidance on living and working near eagles, updates on the status of the populations of bald and golden eagles, and permits for the take, possession, or transportation of eagles and their parts, nests, and eggs. For more information, please visit the Service's Eagle Management page.

Other Species Considerations

Bats. If your species list includes Indiana bat (*Myotis sodalis*), northern long-eared bat (*M. septentrionalis*), or tricolored bat (*Perimyotis subflavus*) and the project is expected to impact forested habitat, tree clearing should occur outside of the periods when bats may be present and most vulnerable. Federally listed bats could be actively present in forested landscapes from spring through fall of any year. In much of Georgia, our winters are mild enough that tricolored bats are likely active on the landscape to some extent year-round. Pups are incapable of flight and vulnerable to disturbance from the spring to summer. Our recommended seasonal clearing restriction windows depend on species and region in Georgia. Please reach out to us for guidance.

Indiana, northern long-eared, tricolored, and gray (*M. grisescens*) bats are all known to utilize bridges and culverts in Georgia. If your project includes maintenance, construction, or any other modification or demolition to transportation structures, a qualified individual should complete a survey of these structures for bats and submit your findings via the “GADNR Bats in Bridges” form in the Survey123 App, free on Apple and Android devices. Please include these findings in any biological assessment(s) or other documentation that is submitted to our office for technical assistance or consultation.

Eastern Indigo Snake. The Standard Protection Measures for the Eastern Indigo Snake (*Drymarchon couperi*) include educational materials and training that can help protect the species by making staff working on a project site aware of their presence and traits. In Georgia, indigo snakes are closely associated with the state-listed gopher tortoise (*Gopherus polyphemus*), a reptile that excavates extensive underground burrows that provide the snake shelter from winter cold and summer desiccation. **T**o assist project proponents in avoiding and minimizing potential impact to the eastern indigo snake, the Service provides the Visual Encounter Survey Protocol for the Eastern Indigo Snake (*Drymarchon couperi*) in Georgia for project proponents or their designees to evaluate the possible presence of the Eastern indigo snake at a proposed project site.

Solar Energy Development

The Recommended Practices for the Responsible Siting and Design of Solar Development in Georgia, Version 2.0 (published in May 2024) are intended to provide voluntary guidance to support consideration of natural resources during the development of photovoltaic solar in Georgia. Furthermore, the Georgia Low Impact Solar Siting Tool (LISST) is also available as a

map layer in IPaC (Find it in the “Layers” Box > “Environmental Data”) to provide project managers with the data to identify areas that may be preferred for low-impact development. The tool seeks to support the acceleration of large-scale solar development in areas with less impact to the environment.

State Agency Coordination

Environmental review staff at the Georgia Department of Natural Resources (GA DNR) Wildlife Conservation Section can assist with information requests and the review of Georgia rare species and natural community data for specific projects or actions within the state. Please visit their Environmental Review page. Additional information that addresses at-risk or high priority natural resources can be found in the Georgia State Wildlife Action Plan, at Georgia Department of Natural Resources, Wildlife Resources Division Biodiversity Portal, Georgia's Natural, Archaeological, and Historic Resources GIS portal pages.

Thank you for your concern for endangered and threatened species. We appreciate your efforts to identify and avoid impacts to listed and sensitive species in your project area. For further consultation on your proposed activity, please email gaes_assistance@fws.gov and reference the project county and your FWS Project Number. This letter constitutes Georgia Ecological Services’ general comments under the authority of the Endangered Species Act.

Attachment(s):

- Official Species List
- Bald & Golden Eagles
- Migratory Birds

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Georgia Ecological Services Field Office
355 East Hancock Avenue
Room 320
Athens, GA 30601-2523
(706) 460-7161

PROJECT SUMMARY

Project Code: 2024-0071798
Project Name: Meriadoc - A
Project Type: Communication Tower New Construction
Project Description: Our client proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet.

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@33.8585486,-85.12276652701121,14z



Counties: Haralson County, Georgia

ENDANGERED SPECIES ACT SPECIES

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Northern Long-eared Bat *Myotis septentrionalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered

BIRDS

NAME	STATUS
Whooping Crane *Grus americana* Population: U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758	Experimental Population, Non-Essential

CLAMS

NAME	STATUS
Finelined Pocketbook *Hamiota altilis* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1393	Threatened

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

FLOWERING PLANTS

NAME	STATUS
Georgia Rockcress *Arabis georgiana* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/4535	Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

BALD & GOLDEN EAGLES

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2] and the Migratory Bird Treaty Act (MBTA) [1]. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

---

1. The Bald and Golden Eagle Protection Act of 1940.
2. The Migratory Birds Treaty Act of 1918.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

There are Bald Eagles and/or Golden Eagles in your project area.

Measures for Proactively Minimizing Eagle Impacts
For information on how to best avoid and minimize disturbance to nesting bald eagles, please review the National Bald Eagle Management Guidelines. You may employ the timing and activity-specific distance recommendations in this document when designing your project/ activity to avoid and minimize eagle impacts. For bald eagle information specific to Alaska, please refer to Bald Eagle Nesting and Sensitivity to Human Activity.

The FWS does not currently have guidelines for avoiding and minimizing disturbance to nesting Golden Eagles. For site-specific recommendations regarding nesting Golden Eagles, please consult with the appropriate Regional Migratory Bird Office or Ecological Services Field Office.

If disturbance or take of eagles cannot be avoided, an incidental take permit may be available to authorize any take that results from, but is not the purpose of, an otherwise lawful activity. For assistance making this determination for Bald Eagles, visit the Do I Need A Permit Tool. For assistance making this determination for golden eagles, please consult with the appropriate Regional Migratory Bird Office or Ecological Services Field Office.

Ensure Your Eagle List is Accurate and Complete
If your project area is in a poorly surveyed area in IPaC, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the Supplemental Information on Migratory Birds and Eagles, to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to bald or golden eagles on your list, see the "Probability of Presence Summary" below to see when these bald or golden eagles are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Sep 1 to Jul 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

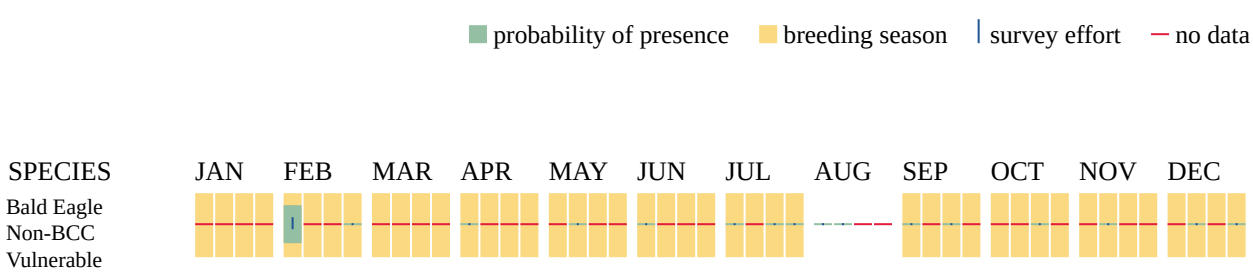
Probability of Presence (▪)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (▪)
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)
Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (–)
A week is marked as having no data if there were no survey events for that week.



Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds

- Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

MIGRATORY BIRDS

The Migratory Bird Treaty Act (MBTA) [1] prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service).

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1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Sep 1 to Jul 31
Chimney Swift *Chaetura pelagica* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9406	Breeds Mar 15 to Aug 25
Kentucky Warbler *Geothlypis formosa* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9443	Breeds Apr 20 to Aug 20
Prairie Warbler *Setophaga discolor* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9513	Breeds May 1 to Jul 31

NAME	BREEDING SEASON
Red-headed Woodpecker *Melanerpes erythrocephalus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9398	Breeds May 10 to Sep 10
Wood Thrush *Hylocichla mustelina* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9431	Breeds May 10 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

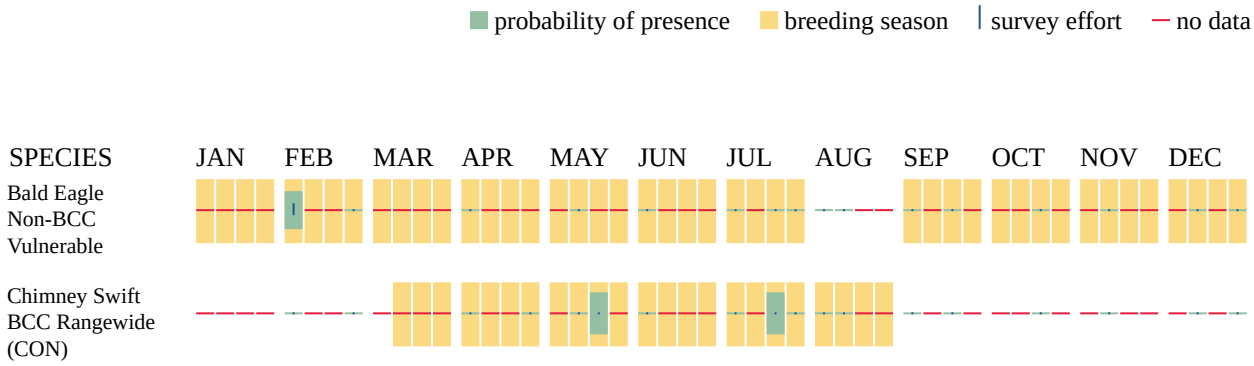
Probability of Presence (■)

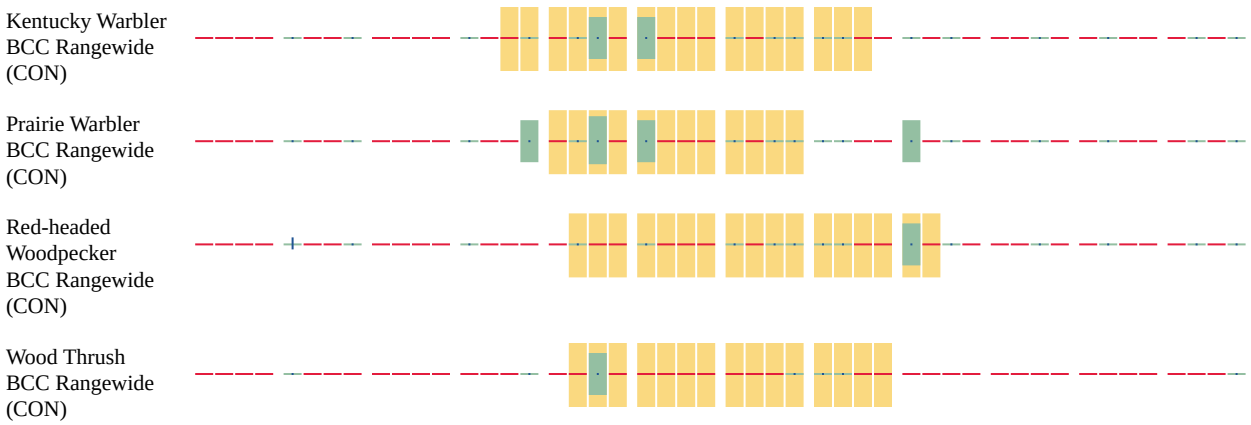
Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)
Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (–)
A week is marked as having no data if there were no survey events for that week.





Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

IPAC USER CONTACT INFORMATION

Agency: Trileaf Corporation
Name: Benjamin Allen
Address: 1775 The Exchange SE
Address Line 2: Suite 525
City: Atlanta
State: GA
Zip: 30339
Email b.allen@trileaf.com
Phone: 6786538673

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Federal Communications Commission

TRILEAF
environmental architecture engineering
1395 South Marietta Parkway, Building 400, Suite 209, Marietta, GA 30067 - 678-653-8673 - www.trileaf.com

April 24, 2024

US Fish and Wildlife Services - Athens
R.G. Stephens Federal Bldg.
355 E. Hancock Ave. Rm 320, Box 7
Athens, GA 30601
Phone: 706-613-9493
Email: gaes_assistance@fws.gov

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc - A / VZW# 15967649 – Trileaf Project #667545**
Near Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W

To Whom It May Concern,

Trileaf Corporation is in the process of completing a NEPA Addendum at the above referenced property. This project was originally submitted to your office on June 14, 2021 and your concurrence was received on June 28, 2021 (FWS Log# NG-20-139-Hara). This project consists of the construction of a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

Due to the age of the proposed undertaking, Trileaf obtained an updated IPaC on April 2, 2024, and determined that five (5) specie has been added to IPaC.

Species / Resource Name	Federal / State Status	Habitat Description	Recommendation of Effect	Notes / Documentation
Northern Long-eared Bat (*Myotis septentrionalis*)	Federal-Endangered	Roosts underneath shaggy bark, in cavities, or in crevices of both live and dead trees; hibernates in large caves or mines	May Affect, not likely to adversely affect	Habitat assessment indicated potential habitat may be present
Tricolored Bat (*Perimyotis subflavus*)	Federal-Proposed Endangered	Roost among live and dead leaf clusters of live or recently dead deciduous hardwood trees. Hibernates in caves and mines	May Affect, not likely to adversely affect	Habitat assessment indicated potential habitat may be present

Species / Resource Name	Federal / State Status	Habitat Description	Recommendation of Effect	Notes / Documentation
Whooping Crane (*Grus americana*)	Federal-Experimental population, non-essential	Coastal marshes and estuaries, inland marshes, lakes, open ponds, shallow bays, salt marsh and sand or tidal flats, upland swales, wet meadows and rivers, pastures and agricultural fields	No effect	Habitat assessment indicated no potential habitat present
Monarch Butterfly (*Danaus plexippus*)	Federal-Candidate	Breeding habitat must contain milkweeds. Adults can be found in a variety of sunny, open spaces, both natural and disturbed	No effect	Habitat assessment indicated no potential habitat present
Georgia Rockcress (*Arabis georgiana*)	Federal-Threatened	High bluffs along river courses with dry soil, open rocky woodland/forested slopes	No effect	Habitat assessment indicated no potential habitat present

During the site reconnaissance, potential habitat for the Northern Long-eared Bat (*Myotis septentrionalis*) and the Tricolored Bat (*Perimyotis subflavus*) was observed within the project footprint. Due to the small area of planned disturbance, the proposed undertaking will not fracture the forested area, will not diminish the overall quality of the forested area, and will not deter use of the surrounding forested area for roosting and foraging by *M. septentrionalis* and *P. subflavus*. Additionally, the applicant has committed to the removal of trees during October 15 through March 31. Therefore, it is Trileaf's opinion that the proposed project may affect but is not likely to adversely affect *M. septentrionalis* and *P. subflavus*.

Trileaf is requesting concurrence from the USFWS with the finding of "may affect, not likely to adversely affect" to the Northern Long-eared Bat (*Myotis septentrionalis*) and the Tricolored Bat (*Perimyotis subflavus*). If you need additional information or have any questions you may reach me at **(678) 653-8673 ext. 665** or email **b.allen@trileaf.com**. Thank you for your assistance in this regard.

Sincerely,



Benjamin Allen
Senior Project Scientist

TRILEAF
environmental architecture engineering
1395 South Marietta Parkway, Building 400, Suite 209, Marietta, GA 30067 - 678-653-8673 - www.trileaf.com

June 14, 2021

US Fish and Wildlife Services
Georgia Ecological Services Field Office - Costal
4890 Wildlife Drive NE
Townsend, Georgia 31331
Phone: 706-544-6030
Email: gaes_assistance@fws.gov

U. S. Fish and Wildlife Service
RG Stephens, Jr. Federal Building
355 E. Hancock Ave, Room 320, Box 7
Athens, GA 30601
706-613-9493

NG-20-139-Hara
FWS Log No.

Based on the information provided, the proposed action is not expected to significantly impact fish and wildlife resources under the jurisdiction of the U.S. Fish & Wildlife Service

John Doresky, Acting Field Supervisor

06/28/2021
Date

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc - A / Site# 15967649 – Trileaf Project #667545**
Near Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W

To Whom It May Concern,

Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. This project was submitted for your review on June 30, 2020, and your response was received on June 30, 2020 (NG-20-139-Hara). Since the time of your review, the project has been revised. The client now proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. Additionally, the project has been shifted approximately 30 feet to the south. The proposed access/utility easement and proposed tower compound lease area are located within wooded land. No other revisions are proposed.

Our investigation includes determining if any of the following special resource areas are located at the site.

1. Is the site located in or on a wilderness area or wildlife preserve?
2. Is the site located within a principal migratory bird flyway?
3. Is the site located in or on a designated critical habitat?
4. Does the site sustain any species of plant or animal life that is designated or proposed as threatened or endangered?

As noted in the enclosed Informal Biological Assessment, neither the species nor their habitats have been observed within the action area. Therefore, based on the documents reviewed, no threatened/endangered species or designated critical habitat will be impacted by the proposed project.

Trileaf is requesting concurrence from the USFWS with the finding of "no effect" to threatened and endangered species, critical habitat, or other special resources. If you need additional information or have any questions you may reach me at **(678) 653-8673 ext. 665** or email **b.allen@trileaf.com**. Thank you for your assistance in this regard.

Sincerely,

Benjamin Allen
Project Scientist II

From: GAES Assistance, FW4
To: Ben Allen
Subject: Re: [EXTERNAL] Project Reconsultation For Your Review - Meriadoc - A (667545)
Date: Monday, April 29, 2024 10:24:27 AM
Attachments: image001.png

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ben,

Based on information you provided, no further action is required under S7(a)(2) of the Endangered Species Act. However, if new information or changes in the project involve federally-listed species, further consultation with the Service may be necessary.

Scott Glassmeyer

Georgia Ecological Services
U.S. Fish and Wildlife Service
355 E. Hancock Ave, Suite 320, Box 7
Athens, GA 30601
Email (preferred): GAES_Assistance@FWS.gov
Website: https://www.fws.gov/office/georgia-ecological-services
Project Planning & Review Guidance:
https://www.fws.gov/office/georgia-ecological-services/project-planning-review

Our mission is to work with others to conserve, protect, and enhance fish, wildlife, plants, and their habitats for the continuing benefit of the American people.

Note: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

From: Ben Allen <b.allen@trileaf.com>
Sent: Wednesday, April 24, 2024 1:29 PM
To: GAES Assistance, FW4 <gaes_assistance@fws.gov>
Subject: [EXTERNAL] Project Reconsultation For Your Review - Meriadoc - A (667545)

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good afternoon,

I hope you are having a good week so far!

Please find attached a reconsultation packet for a proposed communications Tower in Haralson County, GA for your review.

This project was originally submitted to your office on June 14, 2021 and your concurrence was received on June 28, 2021 (FWS Log# NG-20-139-Hara).

Let me know if you need any additional information.

Thank you,

Benjamin Allen
Senior Project Scientist

TRILEAF
environmental architecture engineering

1395 South Marietta Parkway
Building 400, Suite 209
Marietta, GA 30067
Office: (678) 653-8673 ext. 665

This email has been scanned for spam and viruses by Proofpoint Essentials. Click here to report this email as spam.

TRILEAF™
ENVIRONMENTAL • ARCHITECTURE • ENGINEERING
1395 South Marietta Parkway, Building 400, Suite 209, Marietta, Georgia 30067 - 678.653.8673 - www.trileaf.com

June 30, 2020

U.S. Fish and Wildlife Service
105 Westpark Drive, Suite D
Athens, Georgia 30606
Phone: (706) 613-9493
Email: gaes_assistance@fws.gov

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W

To Whom It May Concern:

Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area. A site location map, photos and biological assessment are enclosed to assist you in your review.

Our investigation includes determining if any of the following special resource areas are located at the site.

1. Is the site located in or on a wilderness area or wildlife preserve?
2. Is the site located within a principal migratory bird flyway?
3. Is the site located in or on a designated critical habitat?
4. Does the site sustain any species of plant or animal life that is designated or proposed as threatened or endangered?

As noted in the enclosed Informal Biological Assessment, neither the species nor their habitats have been observed within the action area. Therefore, based on the documents reviewed, no threatened/endangered species or designated critical habitat will be impacted by the proposed project.

Trileaf is requesting concurrence from the USFWS with the finding of "no effect" to threatened and endangered species, critical habitat, or other special resources. If you need additional information or have any questions you may reach me at (678) 653-8673 ext. 657 or m.rasmussen@trileaf.com. Thank you for your assistance in this regard.

Sincerely,

Morgan Rasmussen

Morgan Rasmussen
Project Scientist

TRILEAF™
ENVIRONMENTAL • ARCHITECTURE • ENGINEERING
1395 South Marietta Parkway, Building 400, Suite 209, Marietta, Georgia 30067 - 678.653.8673 - www.trileaf.com

June 30, 2020

Georgia Department of Natural Resources
Wildlife Resources Conservation Center
2065 U.S. Highway 278 SE
Social Circle, Georgia 30025
Phone: 770-918-6411
Email: Nongame.Review@dnr.ga.gov

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W

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Our investigation includes determining if any of the following special resource areas are located at the site.

1. Is the site located in or on a wilderness area or wildlife preserve?
2. Is the site located within a principal migratory bird flyway?
3. Is the site located in or on a designated critical habitat?
4. Does the site sustain any species of plant or animal life that is designated or proposed as threatened or endangered?

As noted in the enclosed Informal Biological Assessment, neither the species nor their habitats have been observed within the action area. Therefore, based on the documents reviewed, no threatened/endangered species or designated critical habitat will be impacted by the proposed project.

Trileaf is requesting concurrence from GA DNR with the finding of "no effect" to threatened and endangered species, critical habitat, or other special resources. If you need additional information or have any questions you may reach me at (678) 653-8673 ext. 657 or m.rasmussen@trileaf.com. Thank you for your assistance in this regard.

Sincerely,

Morgan Rasmussen

Morgan Rasmussen
Project Scientist

Informal Biological Assessment

Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless)
Project Name: Meriadoc – A / Site #616580744 - Trileaf #667545
Latitude: 33-51-31.03 N; Longitude: 85-07-21.82 W

Trileaf performed an Informal Biological Assessment (IBA) for the subject site. The purpose is to document whether the proposed undertaking will affect listed or proposed threatened or endangered species, designated critical habitats, wetlands, and migratory birds. A project description, site photographs and topographical site location maps are included in this report.

Proposed Project Description:
The site is located at Ben Davis Road, Buchanan, Haralson County, Georgia 30113, and consists of the construction of a 151-foot monopole communications tower, with a total height of 161 feet including attachments. The proposed tower will be within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. In addition, the project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed tower site is approximately 1148.8 feet above mean sea level.

Site and Surrounding Habitat:
The site is currently located within a wooded area. Ground cover consists primarily of leaf litter, pine needles, and Muscadine (*Vitis rotundifolia*). During the area reconnaissance, a tree survey was not conducted; however, using the provided photographs it is assumed that the stand is a mature hardwood stand, consisting of a variety of Oaks (*Quercus* sp.) with an average diameter at breast height (DBH) of approximately 16 inches.

The surrounding habitat within a 0.5-mile radius of the proposed site consists predominantly of wooded land. To the north is Ben Davis Road, followed by mixed pastureland/wooded land and chicken production houses, followed by additional pastureland. To the east is a single residence, followed by wooded land. To the south is wooded land, followed by a single residence, followed by additional wooded land. To the west is rural residences, followed by Roy Dean Road, followed by wooded land, followed by a small area of pastureland and additional wooded land. The current habitat is not mapped as critical habitat, nor does it qualify as sufficient habitat for federal or state listed species.

Wetlands:
Trileaf has reviewed the topographic map, soil composition, as well as the National Wetlands Inventory (NWI) Map to determine if the proposed lease area and easements would have an impact on any wetlands or require significant amounts of fill or grading. Trileaf determined that the site is not located in a recognized national wetland area.

Trileaf performed a field visit and identified surface water bodies. Using local maps in combination with site reconnaissance, the following water bodies have been identified in the table below:

Water Body Type	Water Body Name	Direction from Tower	Distance from Tower
Freshwater Forested/Shrub Wetland	Unnamed	E	0.24 miles
Stream	Unnamed	ENE	0.24 miles
Freshwater Forested/Shrub Wetland	Unnamed	NE	0.26 miles
Stream	Unnamed	NW	0.31 miles
River	Tallapoosa River	N	0.40 miles
Stream	Unnamed	SE	0.41 miles
Freshwater Forested/Shrub Wetland	Unnamed	SE	0.46 miles
Freshwater Forested/Shrub Wetland	Unnamed	N	0.47 miles

Migratory Birds:
The proposed site and design process for this project could not conform to all the U.S. Fish and Wildlife Service's (USFWS's) recommendations to decrease potential effects on migratory birds. However, the proposed tower is not located near wetlands or large water bodies, is limited to a height of 161 feet, and does not include the use of guy wires, Federal Aviation Administration (FAA) obstruction lighting, or high intensity white lights. It was determined that the proposed site is located near the Atlantic flyway, but is not located in a wetland, a waterway, a wildlife refuge, a national wilderness area, a native grassland or forest area, a ridgeline, a mountain top, a coastline, or an area commonly known to have high incidences of fog or low clouds, where migratory birds may be found. Additionally, there are no significant topographic features near the site, and the proposed tower is not located on a local high point, which would increase potential effects to migratory birds. Based upon the efforts undertaken during this IBA as well as the current data made available, we have concluded that this project will not have a significant effect on migratory birds; however, the presence of migratory birds cannot be ruled out.

Soils:
According to the U.S. Soil Conservation Service Soil Survey of Carroll and Haralson Counties, Georgia, the lease area and the majority of the access/utility easement are underlain by Tallapoosa gravelly fine sandy loam, 15 to 25 percent slopes, eroded. Tallapoosa soils consist of well drained soils that are formed from residuum weathered from mica schist and/or gneiss and are found in hills. The depth to the most restrictive feature is 10 to 20 inches (to paralithic bedrock). The depth to the water table is more than 80 inches. A typical profile of Tallapoosa soils consists of a surface layer of gravelly fine sandy loam extending from 0 to 4 inches, two (2) distinct layers of gravelly loam extending from 4 to 19 inches, and weathered bedrock extending from 19 to 60 inches, subsurface. Tallapoosa gravelly fine sandy loam, 15 to 25 percent slopes, eroded, is not considered hydric, and has no frequency of flooding or ponding. No hydrophytic vegetation or surface water was observed within the action area.

The terminus of the access/utility easement is underlain by Grover gravelly fine sandy loam, 6 to 10 percent slopes, eroded. Grover soils consist of well drained soils that are formed from residuum weathered from mica schist and/or residuum weathered from gneiss. The depth to the most restrictive feature and the water table is more than 80 inches. A typical profile of Grover soils consists of a surface layer of fine sandy loam extending from 0 to 6 inches, loam extending from 6 to 25 inches, and sandy loam extending from 25 to 65 inches, subsurface. Grover gravelly fine sandy loam, 6 to 10 percent slopes, eroded, is not considered hydric, and has no frequency of flooding or ponding. No hydrophytic vegetation or surface water was observed within the action area.

Threatened or Endangered Species:
Trileaf has researched the listed or proposed threatened or endangered species and designated critical habitat for the project area. This includes any such species that have been reported to exist within the action area where the project is located. The list of federally threatened or endangered species was acquired through the USFWS's Information, Planning, and Consultation system (IPaC). The state list of threatened or endangered species was acquired from the Georgia Department of Natural Resources: Georgia Rare Natural Elements and is broken down by quarter quadrangle. The lease area is not located within an aquatic environment; therefore, any obligate aquatic species should not be directly impacted by this project. Based on a review of both federal and state listed species within the project area, Trileaf determined that no known threatened or endangered species are likely to be present.

Conclusions:
Based on the efforts undertaken during our IBA, project specifications and the current data made available, we have concluded that there is no potential for the proposed project to have a significant effect on listed or proposed, threatened and endangered species, their designated critical habitat, wetlands, or migratory birds.

It should be noted that this informal biological assessment was conducted in accordance with the Scope of Work and does not constitute a Section 7 Biological Assessment under the Endangered Species Act (50 CFR Part 402.01).

Morgan Rasmussen

Morgan Rasmussen
Natural Resources Specialist

Please refer to Appendix A for Site Figures



Site Location & Surrounding Properties



Site Location Easement

Aerial Photographs (2019)

Verizon Wireless – Meriadoc – A
Ben Davis Road
Buchanan, Georgia 30113

TRILEAF
ENVIRONMENTAL • ARCHITECTURE • ENGINEERING

Please refer to Appendix B for Site Photographs



Site Photograph 9 – Looking south along the access/utility easement



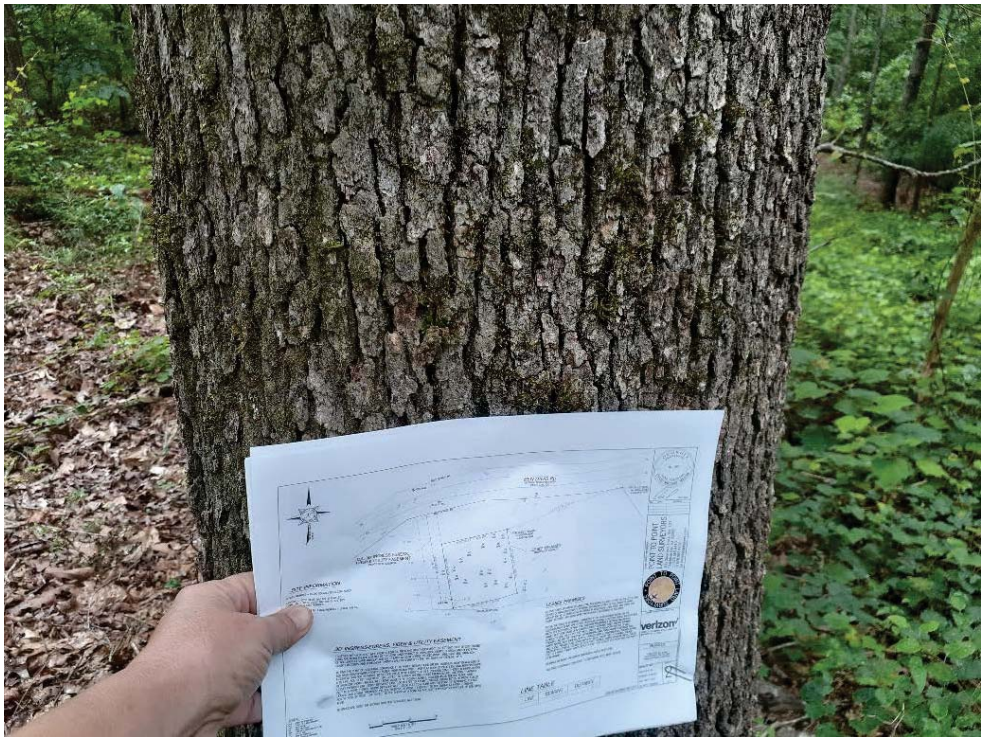
Site Photograph 10 – Muscadine (*Vitis rotundifolia*) located in the lease area

Site Photographs

Verizon Wireless – Meriadoc – A
Ben Davis Road
Buchanan, Georgia 30113

Photographed:

June 19, 2020



Site Photograph 11 – Oak (*Quercus* sp.) located in the lease area



Site Photograph 12 – Oak (*Quercus* sp.) located in the lease area

Site Photographs

Verizon Wireless – Meriadoc – A
Ben Davis Road
Buchanan, Georgia 30113

Photographed:

June 19, 2020



Map Scale: 1:273 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 4 8 16 24

Feet: 0 10 20 40 60

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Carroll and Haralson Counties, Georgia
Survey Area Data: Version 11, Sep 16, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 19, 2015—Oct 20, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GlC2	Grover gravelly fine sandy loam, 6 to 10 percent slopes, eroded	0.0	0.7%
TiE2	Tallapoosa gravelly fine sandy loam, 15 to 25 percent slopes, eroded	0.2	99.3%
Totals for Area of Interest		**0.2**	**100.0%**

Carroll and Haralson Counties, Georgia

GlC2—Grover gravelly fine sandy loam, 6 to 10 percent slopes, eroded

Map Unit Setting

National map unit symbol: 46j7
Mean annual precipitation: 44 to 60 inches
Mean annual air temperature: 59 to 64 degrees F
Frost-free period: 190 to 230 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Grover and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Grover

Setting

Landform: Hills
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Residuum weathered from mica schist and/or residuum weathered from gneiss

Typical profile

H1 - 0 to 6 inches: fine sandy loam
H2 - 6 to 25 inches: loam
H3 - 25 to 65 inches: sandy loam

Properties and qualities

Slope: 6 to 10 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 7.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B

Hydric soil rating: No

Data Source Information

Soil Survey Area: Carroll and Haralson Counties, Georgia
Survey Area Data: Version 11, Sep 16, 2019

Morgan Rasmussen

From: GAES Assistance, FW4 <gaes_assistance@fws.gov>
Sent: Tuesday, June 30, 2020 10:59 AM
To: Morgan Rasmussen
Subject: Re: [EXTERNAL] Request to consult- proposed telecommunications tower in Buchanan, GA
Attachments: NG-20-139-Hara_telecomms_tower_letter.pdf

Good morning Morgan,
Thank you for providing the IBA for the proposed 161-ft self supporting telecommunications tower in Haralson county. Based on the best available information, there is critical habitat for the Finelined pocketbook (*Lampsilis altilis*) on the stretch of Tallapoosa River just north of the project site. Excess sedimentation of streams associated with timber removal is a key threat to this species. Since this project site is within that watershed, with a tributary stream to its east, measures taken to minimize stormwater runoff and erosion during construction (e.g., any tree clearing or grading needed at the site) will be protective of this species and its critical habitat.

Please find our signed response attached and reach out with any questions.

Best wishes,
Martha Zapata

Georgia Ecological Services
U.S. Fish and Wildlife Service

North Georgia Field Office
355 East Hancock Avenue, Room 320, Box 7, Athens, GA 30601
(706) 613-9493

Coastal Georgia Field Office
4980 Wildlife Drive, Townsend, Georgia 31331
(912) 832-8739

West Georgia Field Office
P.O. Box 52560, Ft. Benning, Georgia 31995-2560
(706) 544-6428

NOTE: This email correspondence and any attachments to and from this sender is subject to the Freedom of Information Act (FOIA) and may be disclosed to third parties.

From: Morgan Rasmussen <m.rasmussen@trileaf.com>
Sent: Tuesday, June 30, 2020 10:29 AM
To: GAES Assistance, FW4 <gaes_assistance@fws.gov>
Subject: [EXTERNAL] Request to consult- proposed telecommunications tower in Buchanan, GA

Good morning,
On behalf of Verizon Wireless, Trileaf is performing a NEPA review on the proposed construction of a 151-foot monopole communications tower, with a total height of 161 feet including attachments, at Ben Davis Road, Buchanan, Haralson County, Georgia 30113. The project site is located within a wooded area. Please find attached a letter with a detailed

description of the tower site, site location maps, an Informal Biological Assessment, and photographs of the site. We would like to consult with the FWS on this project, and request Section 7 clearance. Please let me know if you need any additional information.

Thank you!

Morgan Rasmussen
Project Scientist

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1395 South Marietta Parkway
Building 400, Suite 209
Marietta, GA 30067
Office: (678) 653-8673 ext. 657
Cell: (404) 993-1760

GEORGIA
DEPARTMENT OF NATURAL RESOURCES
WILDLIFE RESOURCES DIVISION

MARK WILLIAMS
COMMISSIONER

TED WILL
DIRECTOR

April 18, 2024

Benjamin Allen
Senior Project Scientist
Trileaf Corporation
1395 South Marietta Parkway
Building 400 suite 209
Marietta, GA 30067

Subject: Known occurrences of natural communities, plants and animals of highest priority conservation status on or near Meriadoc - A in: Haralson County, GA.

Dear Benjamin Allen:

DRAFT

This is in response to your request of April 18, 2024. Within d three-mile radius of the project site, there are the following Natural Heritage Database occurrences:

Meriadoc - A Point 1 (Site Center: -85.122790, 33.858588 , WGS84)

GA *Cambarus englishi* (Tallapoosa Crayfish) 1.4 miles W of site in Tallapoosa River
GA *Cambarus englishi* (Tallapoosa Crayfish) 6.6 miles E of site in Mud Creek
Cambarus halli (Slackwater Crayfish) 6.8 miles E of site in Mud Creek
Cambarus halli (Slackwater Crayfish) [HISTORIC]
5 miles W of site in Unnamed Tributary to Tallapoosa River
Cambarus halli (Slackwater Crayfish) 5 miles E of site in Tallapoosa River
Cambarus halli (Slackwater Crayfish) [HISTORIC] Mcclendon Creek
Cambarus halli (Slackwater Crayfish) 3 miles SE of site in Brooks Creek
Cambarus halli (Slackwater Crayfish)
4.9 miles W of site in Unnamed Tallapoosa River Tributary
Cambarus halli (Slackwater Crayfish) 1.4 miles W of site in Tallapoosa River
Cyprinella gibbsi (Tallapoosa Shiner)
1.7 miles NE of site in Tallapoosa and An Unnamed Tributary
Cyprinella gibbsi (Tallapoosa Shiner) 5.3 miles E of site in White Creek
Cyprinella gibbsi (Tallapoosa Shiner) 4.7 miles E of site in Water Mill Creek

Cyprinella gibbsi (Tallapoosa Shiner) 6.8 miles E of site in Mud Creek
Cyprinella gibbsi (Tallapoosa Shiner) [HISTORIC?] Brooks Creek
Cyprinella gibbsi (Tallapoosa Shiner) 4.2 miles W of site in Cochran Creek
GA *Elliptio arca* (Alabama Spike) 1.4 miles W of site in Tallapoosa River
GA *Etheostoma tallapoosae* (Tallapoosa Darter) 6.2 miles NE of site in Happy Hollow Creek
GA *Etheostoma tallapoosae* (Tallapoosa Darter) 1.7 miles NE of site in Tallapoosa River
GA *Etheostoma tallapoosae* (Tallapoosa Darter) 3.9 miles SE of site in Panther Creek
GA *Etheostoma tallapoosae* (Tallapoosa Darter) 4.5 miles NE of site in Swinney Branch
GA *Etheostoma tallapoosae* (Tallapoosa Darter) [HISTORIC] Brooks Creek
GA *Etheostoma tallapoosae* (Tallapoosa Darter) 4.8 miles E of site in Water Mill Creek
GA *Etheostoma tallapoosae* (Tallapoosa Darter) 3.9 miles W of site in Cochran Creek
GA *Etheostoma tallapoosae* (Tallapoosa Darter) 6.8 miles E of site in Mudcreek
US *Hamiota altilis* (Finelined Pocketbook) 1.5 miles W of site in Tallapoosa River
US *Hamiota altilis* (Finelined Pocketbook) 3 miles SE of site in Brooks Creeks
US *Hamiota altilis* (Finelined Pocketbook) 2.7 miles W of site in Little River
US *Hamiota altilis* (Finelined Pocketbook) 3.4 miles NE of site in Water Mill Creek
US *Hamiota altilis* (Finelined Pocketbook) 7.4 miles E of site in Mcclendon Creek
GA
Hybopsis lineapunctata (Lined Chub) 4.4 miles W of site in Tallapoosa River Tributary
GA *Hybopsis lineapunctata* (Lined Chub) 6.8 miles E of site in Mud Creek
GA *Hybopsis lineapunctata* (Lined Chub) 4.2 miles W of site in Cochran Creek
GA *Hybopsis lineapunctata* (Lined Chub) 5 miles E of site in Tallapoosa River
GA *Hybopsis lineapunctata* (Lined Chub) 4.7 miles E of site in Water Mill Creek
GA *Hybopsis lineapunctata* (Lined Chub) 5 miles W of site in Tallapoosa River
GA *Hybopsis lineapunctata* (Lined Chub) 3.9 miles SE of site in Panther Creek
Lythrurus bellus (Pretty Shiner) 5 miles E of site in Tallapoosa River
Lythrurus bellus (Pretty Shiner) 4.7 miles E of site in Water Mill Creek
Lythrurus bellus (Pretty Shiner) 1.2 miles NE of site in Tallapoosa River
Lythrurus bellus (Pretty Shiner) [HISTORIC] Thommasson Creek at C.R. 136
Lythrurus bellus (Pretty Shiner) 6.6 miles E of site in Mud Creek
Lythrurus bellus (Pretty Shiner) [HISTORIC] Brooks Creek at C.R. 263
Lythrurus bellus (Pretty Shiner) [HISTORIC] Brooks Creek

Micropterus tallapoosae (Tallapoosa Bass) 4.2 miles W of site in Cochran Creek
Micropterus tallapoosae (Tallapoosa Bass) 5.1 miles W of site in Tallapoosa River
Micropterus tallapoosae (Tallapoosa Bass) 4.8 miles E of site in Water Mill Creek
Micropterus tallapoosae (Tallapoosa Bass)
4.5 miles W of site in Unnamed Tributary to Tallapoosa River
GA *Nothonotus chuckwachatte* (Lipstick Darter) 2.6 miles W of site in Little River
GA *Nothonotus chuckwachatte* (Lipstick Darter) 4.7 miles E of site in Water Mill Creek
GA *Nothonotus chuckwachatte* (Lipstick Darter) 1.2 miles NE of site in Tallapoosa River
GA *Nothonotus chuckwachatte* (Lipstick Darter) 4.2 miles W of site in Cochran Creek
GA *Percina smithvanizi* (Muscadine Darter) 6.8 miles E of site in Mud Creek
GA *Percina smithvanizi* (Muscadine Darter) 4.7 miles E of site in Water Mill Creek
GA *Percina smithvanizi* (Muscadine Darter) 4.4 miles W of site in Tallapoosa Tributary
GA *Percina smithvanizi* (Muscadine Darter) 5.1 miles E of site in Tallapoosa River
GA *Percina smithvanizi* (Muscadine Darter) 4.2 miles W of site in Cochran Creek
GA *Percina smithvanizi* (Muscadine Darter) 3.8 miles SE of site in Panther Creek
GA *Percina smithvanizi* (Muscadine Darter) 5.1 miles W of site in Tallapoosa River
GA *Cypripedium acaule* (Pink Ladyslipper) [HISTORIC] 2 miles NE of site

DRAFT

Paulding Forest WMA 2.7 miles NE of site
State Wildlife Management Area 0.4 miles N of site
Stateline 2.5 miles NW of site
0315010801 Tallapoosa River 3
(0315010801) [SWAP High Priority Watershed]

Recommendations will be provided in completed letter.

Disclaimer:

Please keep in mind the limitations of our database. The data collected by the Wildlife Conservation Section comes from d variety of sources, including museum and herbarium records, literature, and reports from individuals and organizations, as well as field surveys by our staff biologists. In most cases the information is not the result of d recent on-site survey by our staff. Many areas of Georgia have never been surveyed thoroughly. Therefore, the Nongame Conservation Section can only occasionally provide definitive information on the presence or absence of rare species on d given site. Our files are updated constantly as new information is received. **Thus, information provided by our program represents the existing data in our files at the time of the request and should not be considered d final statement on the species or area under consideration.**

If you know of populations of highest priority species that are not in our database, please fill out the appropriate data collection form and send it to our office. Forms can be obtained through our web site (http://georgiawildlife.com/conservation/species-of-concern#rare-locations) or by contacting our office. If we can be of further assistance, please let us know.

DRAFT

Anna Yellin, Wildlife Biologist, Environmental Reviews
anna.yellin@dnr.ga.gov, (706) 557-3283

Maggie Hunt, Wildlife Biologist, Environmental Reviews
maggie.hunt@dnr.ga.gov, (706) 557-3228

Data Available on the Wildlife Conservation Section Website

- Georgia protected plant and animal profiles are available on our website. These accounts cover basics like descriptions and life history, as well as threats, management recommendations and conservation status. Visit http://georgiawildlife.com/conservation/species-of-concern#rare-locations.
- Rare species and natural community information can be viewed by Quarter Quad, County and HUC8 Watershed. To access this information, please visit our GA Rare Species and Natural Community Information page at: http://georgiabiodiversity.org/
- Downloadable files of rare species and natural community data by quarter quad and county are also available. They can be downloaded from: http://georgiabiodiversity.org/natels/natural-element-locations.

TRILEAF™
ENVIRONMENTAL • ARCHITECTURE • ENGINEERING
1395 South Marietta Parkway, Building 400, Suite 209, Marietta, Georgia 30067 - 678.653.8673 - www.trileaf.com

June 30, 2020

U.S. Fish and Wildlife Service
105 Westpark Drive, Suite D
Athens, Georgia 30606
Phone: (706) 613-9493
Email: gaes_assistance@fws.gov

U. S. Fish and Wildlife Service
RG Stephens, Jr. Federal Building
355 E. Hancock Ave., Rm 320, Box 7
Athens, GA 30601 ; 706-613-9493

FWS Log No. NG-20-139-Hara

Based on information provided, we concur with your determination that the project is not likely to adversely affect federally-listed species. No further ESA Section 7 action is required, unless the project changes, a new species is listed, or new data indicate impacts to listed species may occur.

Donald W. Imm, Ph.D., Field Supervisor — Date: 6/30/2020

RE: **Cellco Partnership and its controlled affili**
Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51’ 31.03” N, Longitude: 85° 07’ 21.82” W

To Whom It May Concern:

Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area. A site location map, photos and biological assessment are enclosed to assist you in your review.

Our investigation includes determining if any of the following special resource areas are located at the site.

1. Is the site located in or on a wilderness area or wildlife preserve?
2. Is the site located within a principal migratory bird flyway?
3. Is the site located in or on a designated critical habitat?
4. Does the site sustain any species of plant or animal life that is designated or proposed as threatened or endangered?

As noted in the enclosed Informal Biological Assessment, neither the species nor their habitats have been observed within the action area. Therefore, based on the documents reviewed, no threatened/endangered species or designated critical habitat will be impacted by the proposed project.

Trileaf is requesting concurrence from the USFWS with the finding of “no effect” to threatened and endangered species, critical habitat, or other special resources. If you need additional information or have any questions you may reach me at (678) 653-8673 ext. 657 or m.rasmussen@trileaf.com. Thank you for your assistance in this regard.

Sincerely,

Morgan Rasmussen

Morgan Rasmussen
Project Scientist

Appendix F

Historic and Cultural Resources

AFFP
TOWERS LLC 112458

Affidavit of Publication

STATE OF GEORGIA }
COUNTY OF HARALSON } SS

Melissa Wilson, being duly sworn, says:

That she is Ad Director of the Haralson Gateway Beacon, a newspaper of general circulation, printed and published in Bremen, Haralson County, Georgia; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

July 10, 2025

That said newspaper was regularly issued and circulated on those dates.
SIGNED:

Subscribed to and sworn to me this 10th day of July 2025.

SHARON GRAY NOTARY PUBLIC CARROLL COUNTY, GEORGIA MY COMMISSION EXPIRES MARCH 12, 2026

00006890 71263506

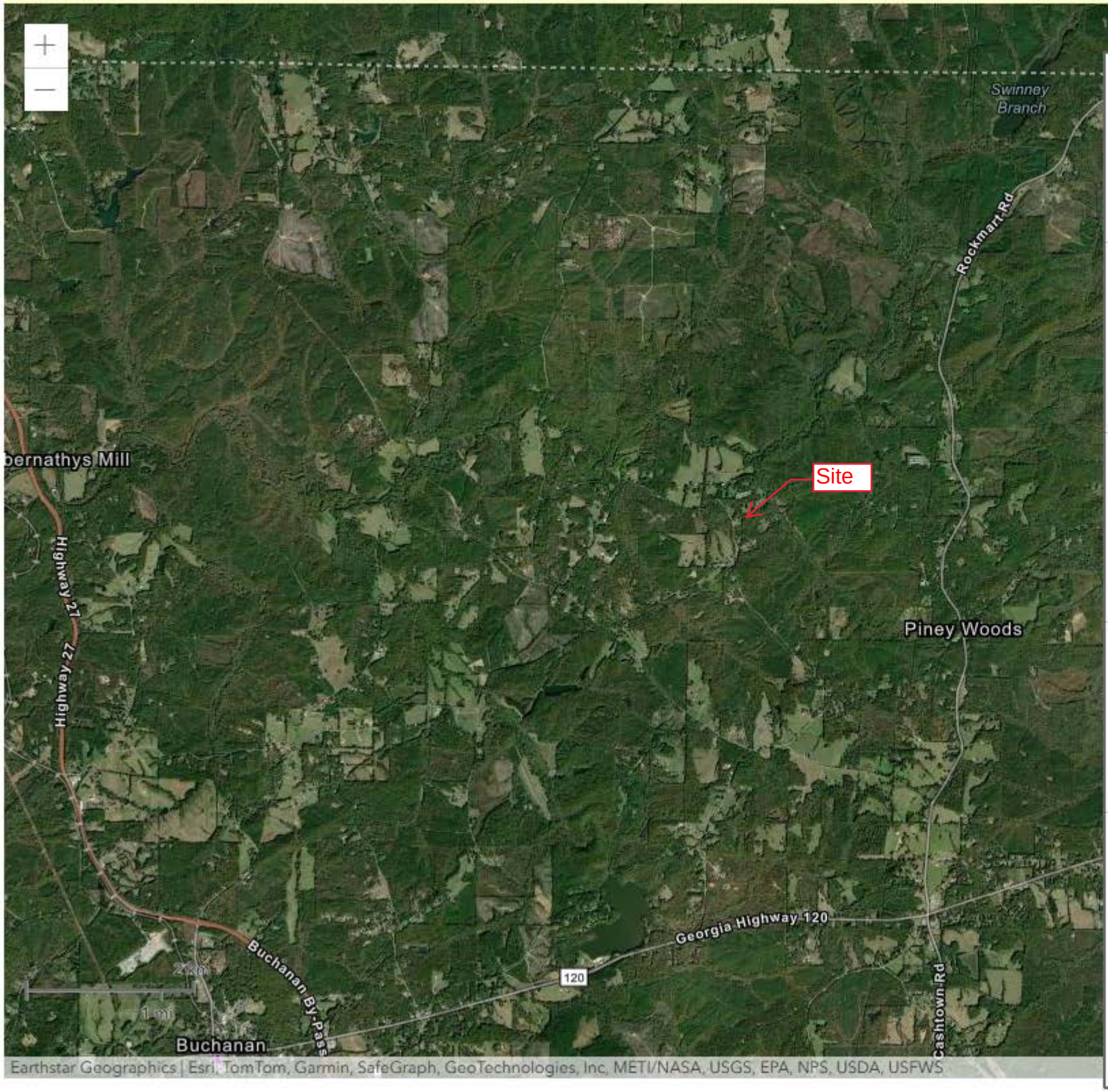
INKLYNK LLC (140)
2300 BETHELVIEW RD ST 110-302
CUMMINGS , GA 30040

PUBLIC NOTICE
The Towers, LLC proposes to build a 260-foot Self-support Communications Tower/Structure. Anticipated lighting application is medium intensity dual red/white strobes. The Site location is Near Ben Davis Road, Buchanan, Haralson County, GA 30113, Lat: 33° 51' 30.74", Long: -85° 07' 21.76". The Federal Communications Commission (FCC) Antenna Structure Registration (ASR, Form 854) filing number is A1194183.

ENVIRONMENTAL EFFECTS – Interested persons may review the application (www.fcc.gov/asr/applications) by entering the filing number. Environmental concerns may be raised by filing a Request for Environmental Review (www.fcc.gov/asr/environmentalrequest) and online filings are strongly encouraged. The mailing address to file a paper copy is: FCC Requests for Environmental Review, Attn: Ramon Williams, 445 12th Street SW, Washington, DC 20554.
07/10

Click the +/- zoom tool or use mouse to zoom into the map in the area of interest to display historic resource points.

GNAHRGIS Map



Historic - Windshield Districts - Current

Windshield Districts

Historic - Windshield Districts - Archived

Windshield Districts Archived

Historic - National Register - District/Site Areas - Current

National Register Districts Current

Historic - National Register - District/Site Areas - Archived

National Register Districts Archived

Historic - Surveyed Site/Building/Other Resource Points

Historic Resources

- Not Listed in National Register of Historic Places
- Listed in National Register of Historic Places

From: Olivia Kendrick
To: Ben Allen
Subject: Recent Submittal for HP200625-003
Date: Tuesday, July 15, 2025 3:19:18 PM
Attachments: image887796.png
image369469.png
image356605.png
image170206.png
image764710.png
image545365.png

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Ben,

Thanks for reaching out to us about the above-referenced project. As the submission is regarding a change of ownership only, it will be deleted from our system. The FCC NPA does not require notice of ownership changes. Please let us know if we can provide any further assistance.

Thank you!
Olivia

GEORGIA DEPARTMENT *of* COMMUNITY AFFAIRS

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Olivia Kendrick
Environmental Review Historian

Direct: 404-486-6425

dca.georgia.gov

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Brian P. Kemp
Governor

Georgia® Department of Community Affairs

Christopher Nunn
Commissioner

June 29, 2021

Benjamin Allen
Project Scientist II
Trileaf Corporation
1395 South Marietta Parkway, Building 400, Suite 209
Marietta, GA 30067

RE: Cell Tower: 161'/261' Monopole/Self-Support, Ben Davis Road near Roy Dean Road, Buchanan
****Revised Tower Height, Design, and Location****
Haralson County, Georgia
HP-200625-003

Dear Mr. Allen:

The Historic Preservation Division (HPD) has received the additional information submitted regarding the proposed construction of a cellular communications tower at the above location. Our review is in accordance with the 2005 Nationwide Programmatic Agreement (NPA) among the Federal Communications Commission (FCC), the National Conference of State Historic Preservation Officers, and the Advisory Council on Historic Preservation (ACHP), for review under the National Historic Preservation Act of 1966, as amended.

The subject project initially consisted of the construction of a 161-foot (ft.) monopole cellular communications tower along Ben Davis Road near Roy Dean Road in Buchanan. It was previously determined that no historic properties that are eligible for or listed in the National Register of Historic Places (NRHP) would be affected by the project. The current submitted information includes a revised tower height, design, and location. It is HPD's understanding that the proposed tower height has increased from 161 ft. to 261 ft., the design has changed from a monopole to a self-support, the location has shifted approximately 30 ft. south, and the area of potential effect (APE) has increased from .5 mile to .75 mile. However, HPD continues to concur that no historic properties that are eligible for or listed in the NRHP will be affected by the proposed undertaking, as defined in 36 CFR Part 800.4(d)(1).

Please note that additional NRHP-eligible historic resources that have not been previously identified may be located within the project's APE. In the Section 106 process, it is the responsibility of the federal agency and its applicants to account for historic resources in the APE. However, requirements for identification and evaluation of historic properties established by the NPA do not address circumstances where only dated, incomplete, inadequate, or questionable resource identification information is available. Therefore, determinations noted herein are specific to FCC involvement as the federal agency and are in accordance with the requirements of the NPA.

This letter evidences consultation with our office for compliance with Section 106 of the NHPA. It is important to remember that any changes to this project as it is currently proposed may require additional consultation. HPD encourages federal agencies and project applicants to discuss such changes with our office to ensure that potential effects to historic properties are adequately considered in project planning.

Please refer to project number **HP-200625-003** in any future correspondence regarding this project. If we may be of further assistance, please contact Moira Church, Environmental Review Historian, at (404) 486-6374 or moira.church@dca.ga.gov.

Sincerely,

Jennifer Dixon, MHP, LEED Green Associate
Program Manager
Environmental Review & Preservation Planning

JAD/mmc

cc: Julianne Meadows, Northwest Georgia Regional Commission

GEORGIA
DEPARTMENT OF NATURAL RESOURCES
HISTORIC PRESERVATION DIVISION

MARK WILLIAMS
COMMISSIONER

DR. DAVID CRASS
DIVISION DIRECTOR

July 23, 2020

Morgan Rasmussen
Project Scientist
Trileaf Corporation
1395 South Marietta Parkway
Building 400, Suite 209
Marietta, GA 30067

RE: Cell Tower: 161' Monopole, Ben Davis Road near Roy Dean Road, Buchanan
Haralson County, Georgia
HP-200625-003

Dear Ms. Rasmussen:

The Historic Preservation Division (HPD) has reviewed the information submitted concerning the proposed construction of a cellular communications tower at the above location. Our review is in accordance with the 2005 Nationwide Programmatic Agreement (NPA) among the Federal Communications Commission (FCC), the National Conference of State Historic Preservation Officers, and the Advisory Council on Historic Preservation (ACHP), for review under the National Historic Preservation Act of 1966, as amended (NHPA).

Based on the information received, HPD finds that 565, 575, and 623 Roy Dean Road; 20 and 66 Maple Ridge Lane; and 701 Friendship Church Road are not eligible for listing in the National Register of Historic Places (NRHP), due to a lack of integrity. Therefore, HPD concurs that no historic properties that are listed in or eligible for listing in the NRHP will be affected by the proposed undertaking, as defined in 36 CFR Part 800.4(d)(1). HPD would like to note that resources received through public consultation should be taken into account through assessment of eligibility and effects, regardless of a lack of prior determination, in order to comply with the NPA.

Please note that additional NRHP-eligible historic resources that have not been previously identified may be located within the project's area of potential effect (APE). In the Section 106 process, it is the responsibility of the federal agency and its applicants to account for historic resources in the APE. However, requirements for identification and evaluation of historic properties established by the NPA do not address circumstances where only dated, incomplete, inadequate, or questionable resource identification information is available. Therefore, determinations noted herein are specific to FCC involvement as the federal agency and are in accordance with the requirements of the NPA.

This letter evidences consultation with our office for compliance with Section 106 of the NHPA. It is important to remember that any changes to this project as it is currently proposed may require additional consultation. HPD encourages federal agencies and project applicants to discuss such changes with our office to ensure that potential effects to historic properties are adequately considered in project planning.

Please refer to project number **HP-200625-003** in any future correspondence regarding this project. If we may be of further assistance, please contact Aspen Kemmerlin, Compliance Archaeologist, at 770-389-7877 or aspen.kemmerlin@dnr.ga.gov or Moira Church, Environmental Review Historian, at (770) 389-6285 or moira.church@dnr.ga.gov.

Sincerely,

Jennifer Dixon, MHP, LEED Green Associate
Program Manager
Environmental Review & Preservation Planning

JAD/mmc

cc: Kevin McAuliff, Northwest Georgia Regional Commission

TRILEAF
environmental architecture engineering
1775 The Exchange SE, Suite 525, Atlanta, GA 30339 - 678-653-8673 - www.trileaf.com

July 15, 2025

Georgia Historic Preservation Division
Jennifer Flood – Environmental Review and Preservation Planning Program Manager
60 Executive Park South, NE
Atlanta, GA 30329
Phone: 770-389-7844

RE: The Towers, LLC – Meriadoc / US-GA-5748 – Trileaf Project #667545
Near Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W

Dear Ms. Flood:

This letter is to state, in our opinion, that the change in tower ownership from Cellco Partnerships and its Controlled Affiliates Doing Business as Verizon Wireless (Verizon Wireless) to The Towers, LLC, at the location near Ben Davis Road, Buchanan, Georgia 30113 (33.85853888888889 N, -85.1227111111111 W) will have no effect on any eligible or potentially eligible resources within the project area. The project consists of the construction of a new 256-foot-tall self-support telecommunications tower, with an overall height of 261 feet and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

In May 2021, Trileaf Corporation (Trileaf) performed a cultural resource inventory survey for the proposed telecommunications site. Archival research included a review of the Georgia Archaeological Site Files (GASF) to include a search of previously recorded archaeological sites and previous archaeological surveys within 1-mile of the project location. No previous archaeological surveys and no archaeological sites have been recorded in the 1-mile radius. There are no NRHP-eligible or NRHP-listed resources present within the project's 0.75-mile Visual APE. An archaeological survey conducted on May 24, 2021, of the project's Direct APE recorded no new archaeological sites. Based on these findings, Trileaf recommended ***No Historic Properties in the Direct and Visual APEs***.

Trileaf received an email on June 29, 2021, from Georgia Historic Preservation Division (HPD) concurred that the project would not have any effect on any NRHP-listed or eligible resources. A new search of the GNAHRGIS by Trileaf on June 24, 2025, revealed that there were no new NRHP-listed or eligible historic or archaeological resources in the APE-DE and APE-VE. Based on the results, Trileaf continues to recommend ***No Historic Properties in the Direct and Visual APEs.***

This information is for your records and no additional response is required. Please contact Michael Hart (m.hart@trileaf.com; 407-660-7840, ext. 855) if you need any additional information or have any questions. Thank you for your assistance.

Sincerely,

Michael Hart, M.S.
Senior Historian/ Architectural Historian
Assistant Project Manage

TRILEAF
environmental architecture engineering
1395 South Marietta Parkway, Building 400, Suite 209, Marietta, GA 30067 - 678-653-8673 - www.trileaf.com

March 1, 2024

Georgia Historic Preservation Division
Jennifer Dixon – Environmental Review and Preservation Planning Program Manager
60 Executive Park South, NE
Atlanta, GA 30329
Phone: 770-389-7844

RE: CellCo Partnership and its Controlled Affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc - A/Trileaf Project #667545/ HP-200625-003
Near Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W

Dear Ms. Dixon:

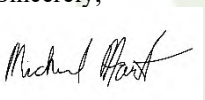
Trileaf Corporation is in the process of completing a NEPA Review at the referenced property. *Verizon Wireless* originally proposed to construct a 256-foot self-support telecommunications tower, with an overall height of 261 feet including all appurtenances, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes a 30-foot-wide access/utility easement, which extends approximately 215 feet north away from the lease area to Ben Davis Road. The proposed project area is located within a wooded area.

In June 2022, Trileaf Corporation (Trileaf) performed a cultural resource inventory survey for the proposed telecommunications site. Archival research included a review of the Georgia Archaeological Site Files (GASF) to include a search of previously recorded archaeological sites and previous archaeological surveys within 1-mile of the project location. No previous archaeological surveys and no archaeological sites have been recorded in the 1-mile radius. There are no NRHP-eligible or NRHP-listed resources present within the project's 0.75-mile Visual APE. An archaeological survey conducted on June 15, 2020 and May 24, 2021, of the project's Direct APE recorded no new archaeological sites. Based on these findings, Trileaf recommended no historic properties in the Direct APE and the Visual APE.

Trileaf received an email on July 23, 2020 and June 29, 2021 from Georgia Historic Preservation Division (HPD) concurring that the project would not have any effect on any NRHP-listed or eligible resources. A search of the Georgia Archaeological Site Files (GASF) on March 1, 2024, also revealed that there were no NRHP-listed or eligible historic or archaeological resources in the APE-DE and APE-VE.

It is Trileaf's opinion that the proposed project will continue to have **No Historic Properties within the Direct APE and the Visual APE**. Please contact Michael Hart (m.hart@trileaf.com; 407-660-7840, ext. 855) if you need any additional information or have any questions. Thank you for your assistance.

Sincerely,



Michael Hart, M.S.
Senior Historian/ Architectural Historian

From: towernotifyinfo@fcc.gov
To: Morgan Rasmussen
Subject: Section 106 Filing Update- Email ID #5878700
Date: Thursday, June 3, 2021 2:15:42 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

The following Section 106 filing has been updated:

File Number: 0009126473
TCNS Number: 231366
Purpose: Update
Original Purpose: New Tower Submission Packet

Notification Date: 7AM EST 06/04/2021

Applicant: Verizon Wireless
Consultant: Trileaf Corporation
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No
Site Name: Meriadoc - A
Site Address: Near Ben Davis Road
Detailed Description of Project: Verizon Wireless proposes to construct a 261-foot self-support communications tower within a 10,000-square-foot lease area. Old TCNS 211331, reTCNS due to coordinate change.
Site Coordinates: 33-51-30.7 N, 85-7-21.8 W
City: Buchanan
County: HARALSON
State:GA
Lead SHPO/THPO: Georgia Historic Preservation Division

Consultant Contact Information:
Name: Trileaf Corporation
Title:
PO Box:
Address: 1395 S Marietta Parkway
Building 400, Suite 209
City: Marietta
State: GA
Zip: 30067
Phone: 678-653-8673
Fax:
Email: m.rasmussen@trileaf.com

NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE
Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to

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June 25, 2020

Historic Preservation Division
Attn: Dr. David Crass – Division Director
Jewett Center for Historic Preservation
2610 GA Highway 155, Southwest
Stockbridge, Georgia 30281
Phone: (770) 389-7844

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W

Dear Dr. Crass:

Trileaf Corporation is in the process of completing a NEPA review at the referenced property. Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area. The antenna will be licensed by the Federal Communications Commission (FCC).

In accordance with the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission*, dated September 2004, a cultural resource investigation has been conducted. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places, or located in or on an Indian Religious Site.

Summary reports of this investigation, maps, photographs and other information are provided in the attached Form 620. As noted in Attachment 5, there are **No Historic Properties in the APE for Direct Effects or for Visual Effects**. Therefore, it is recommended that the proposed undertaking proceed without further archaeological review.

We appreciate your cooperation in this regard and anticipate your concurrence with these findings. Please call me at (678) 653-8673 ext. 657 or email m.rasmussen@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Morgan Rasmussen

Morgan Rasmussen
Project Scientist

FCC Form 620

Notification Date: **7AM EST 06/26/2020**
File Number: **0009126473**

FCC Wireless Telecommunications Bureau
New Tower ("NT") Submission Packet

Approved by OMB
3060 – 1039
See instructions for
public burden estimates

General Information

1) (Select only one) **(NE)** **NE** – New **UA** – Update of Application **WD** – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number:

Applicant Information

3) FCC Registration Number (FRN): **0012845343**			
4) Name: **Verizon Wireless**			

Contact Name

5) First Name: **Nakul**	6) MI:	7) Last Name: **Mate**	8) Suffix:
9) Title: **VZQ-HQ - NEPA Regulatory Compliance**			

Contact Information

10) P.O. Box:	**And /Or**	11) Street Address: **5055 North Point Parkway NP2NE Network Engineering**		
12) City: **Alpharetta**			13) State: **GA**	14) Zip Code: **30022**
15) Telephone Number: **(678)277-3656**		16) Fax Number:		
17) E-mail Address: **vzwnpa-nepa@verizonwireless.com**				

Consultant Information

18) FCC Registration Number (FRN): **0011724176**
19) Name: **Trileaf Corporation**

Principal Investigator

20) First Name: **Cori**	21) MI:	22) Last Name: **Rich**	23) Suffix:
24) Title:			

Principal Investigator Contact Information

25) P.O. Box:	**And /Or**	26) Street Address: **1395 S Marietta Parkway Building 400, Suite 209**		
27) City: **Marietta**			28) State: **GA**	29) Zip Code: **30067**
30) Telephone Number: **(678)653-8673**		31) Fax Number:		
32) E-mail Address: **m.rasmussen@trileaf.com**				

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(**X**) **Y**es ( ) **N**o

34) Areas of Professional Qualification:

(**X**) Archaeologist

( ) Architectural Historian

( ) Historian

( ) Architect

( ) Other (Specify) _____

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	(**X**) **Y**es ( ) **N**o

If "YES," complete the following:

36) First Name: **Zach**	37) MI:	38) Last Name: **Horne**	39) Suffix:

40) Title:

41) Areas of Professional Qualification:

(**X**) Archaeologist

( ) Architectural Historian

( ) Historian

( ) Architect

( ) Other (Specify) _____

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **211331**

Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: ( ) **Y**es (**X**) **N**o

3) Site Name: **Meriadoc - A**

4) Site Address: **1011 Ben Davis Road**

5) Detailed Description of Project:

Verizon Wireless proposes to construct a 161-foot monopole communications tower and associated equipment within a 100-foot by 100-foot (10,000 square-foot) lease area.

6) City: **Buchanan**	7) State: **GA**	8) Zip Code: **30113**

9) County/Borough/Parish: **HARALSON**

10) Nearest Crossroads: **Ben Davis Road and Roy Dean Road**

11) **NAD 83** Latitude (DD-MM-SS.S): **33-51-31.0** (**X**) **N** or ( ) **S**

12) **NAD 83** Longitude (DD-MM-SS.S): **085-07-21.8** ( ) **E** or (**X**) **W**

Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **49.1** ( ) Feet (**X**) Meters

14) Tower Type (Select One):

( ) Guyed lattice tower

( ) Self-supporting lattice

(**X**) Monopole

( ) Other (Describe):

Project Status

15) Current Project Status (Select One):

(**X**) Construction has not yet commenced

( ) Construction has commenced, but is not completed Construction commenced on: _____

( ) Construction has been completed Construction commenced on: _____

Construction completed on: _____

Determination of Effect

14) Direct Effects (Select One):

(**X**) No Historic Properties in Area of Potential Effects (APE)

( ) No Effect on Historic Properties in APE

( ) No Adverse Effect on Historic Properties in APE

( ) Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

(**X**) No Historic Properties in Area of Potential Effects (APE)

( ) No Effect on Historic Properties in APE

( ) No Adverse Effect on Historic Properties in APE

( ) Adverse Effect on one or more Historic Properties in APE

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) **Y**es ( ) **N**o

2a) Tribes/NHOs contacted through TCNS Notification Number: **211331** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Alabama Quassarte Tribal Town**

Contact Name

5) First Name: **Janice**	6) MI:	7) Last Name: **Lowe**	8) Suffix:

9) Title: **Assistant**

Dates & Response

10) Date Contacted **06/17/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Alabama-Coushatta Tribe of Texas**

Contact Name

5) First Name: **Bryant**	6) MI: **J**	7) Last Name: **Celestine**	8) Suffix:

9) Title: **Historic Preservation Officer**

Dates & Response

10) Date Contacted **06/17/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **211331** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Cherokee Nation**

Contact Name

5) First Name: **Gwen**	6) MI:	7) Last Name: **Terrapin**	8) Suffix:
9) Title:			

Dates & Response

10) Date Contacted **06/17/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Coushatta Indian Tribe**

Contact Name

5) First Name: **Linda**	6) MI: **P**	7) Last Name: **Langley**	8) Suffix:
9) Title: **THPO**			

Dates & Response

10) Date Contacted **06/17/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **211331** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Eastern Shawnee Tribe of Oklahoma**

Contact Name

5) First Name: **Kelly**	6) MI:	7) Last Name: **Nelson**	8) Suffix:

9) Title: **Cell Tower Coordinator**

Dates & Response

10) Date Contacted **06/18/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Kialegee Tribal Town**

Contact Name

5) First Name: **David**	6) MI:	7) Last Name: **Cook**	8) Suffix:

9) Title: **Tribal Administrator**

Dates & Response

10) Date Contacted **06/18/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **211331** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Muscogee (Creek) Nation**

Contact Name

5) First Name: **Anne**	6) MI:	7) Last Name: **Edwards-Martel**	8) Suffix: **Ms**

9) Title: **TCNS Coordinator**

Dates & Response

10) Date Contacted **06/18/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Poarch Band of Creek Indians**

Contact Name

5) First Name: **Larry**	6) MI:	7) Last Name: **Haikey**	8) Suffix:

9) Title: **THPO**

Dates & Response

10) Date Contacted **06/18/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **211331** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Seminole Nation of Oklahoma**

Contact Name

5) First Name: **Brigita**	6) MI:	7) Last Name: **Leader**	8) Suffix:

9) Title: **Historic Preservation Officer**

Dates & Response

10) Date Contacted **06/17/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Seminole Tribe of Florida**

Contact Name

5) First Name: **THPO**	6) MI:	7) Last Name: **Compliance**	8) Suffix:

9) Title: **Compliance Review Supervisor**

Dates & Response

10) Date Contacted **06/17/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **211331** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Shawnee Tribe**

Contact Name

5) First Name: **Kim**	6) MI:	7) Last Name: **Jumper**	8) Suffix:
9) Title: **Cell t**			

Dates & Response

10) Date Contacted **06/17/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Thlopthlocco Tribal Town**

Contact Name

5) First Name: **Ryan**	6) MI:	7) Last Name: **Morrow**	8) Suffix:
9) Title: **Mekko**			

Dates & Response

10) Date Contacted **06/17/2020** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	**And /Or**	9) Street Address:		
10) City:			11) State:	12) Zip Code:
13) Telephone Number:		14) Fax Number:		
15) E-mail Address:				
16) Preferred means of communication: ( ) E-mail ( ) Letter ( ) Both				

Dates & Response

17) Date Contacted _____ 18) Date Replied _____

( ) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	( ) Yes (X) No
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	( ) Yes (X) No
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	( ) Yes (X) No

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	( ) Yes ( ) No
12) Is this property eligible for listing on the National Register? Source: _____	( ) Yes ( ) No
13) Is this property a National Historic Landmark?	( ) Yes ( ) No

14) Direct Effects (Select One):

( ) No Effect on this Historic Property in APE

( ) No Adverse Effect on this Historic Property in APE

( ) Adverse Effect on this Historic Property in APE

15) Visual Effects (Select One):

( ) No Effect on this Historic Property in APE

( ) No Adverse Effect on this Historic Property in APE

( ) Adverse Effect on this Historic Property in APE

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: **Haralson County Zoning & Permits Department**

Contact Name

3) First Name: **Glenda**	4) MI:	5) Last Name: **Wade**	6) Suffix:
7) Title: **Director**			

Contact Information

8) P.O. Box:	**And /Or**	9) Street Address: **155 Van Wert Street**		
10) City: **Buchanan**			11) State: **GA**	12) Zip Code: **30113**
13) Telephone Number: **(770)646-2033**		14) Fax Number:		
15) E-mail Address:				
16) Preferred means of communication: ( ) E-mail (**X**) Letter ( ) Both				

Dates & Response

17) Date Contacted **06/11/2020** 18) Date Replied _____

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Additional Information

19) Information on local government's role or interest (optional):

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: **Northwest Georgia Regional Commission**

Contact Name

3) First Name: **Kevin**	4) MI:	5) Last Name: **McAuliff**	6) Suffix:
7) Title: **Senior Planner**			

Contact Information

8) P.O. Box: **1798**	**And /Or**	9) Street Address:		
10) City: **Rome**			11) State: **GA**	12) Zip Code: **30162-1798**
13) Telephone Number: **(706)295-6485**		14) Fax Number:		
15) E-mail Address: **kmcauliff@nwgrc.org**				
16) Preferred means of communication: ( ) E-mail ( ) Letter (**X**) Both				

Dates & Response

17) Date Contacted **06/11/2020** 18) Date Replied **06/15/2020**

( ) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

(**X**) Replied/Other

Mr. McAuliff responded with information regarding six (6) potentially historic resources within the project APE.

Additional Information

19) Information on local government's role or interest (optional):

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	(**X**) **Y**es ( ) **N**o

Consulting Party

2) FCC Registration Number (FRN):
3) Name: **Haralson County Historical Society**

Contact Name

4) First Name: **To Whom**	5) MI:	6) Last Name: **It May Concern**	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box: **585**	**And /Or**	10) Street Address:		
11) City: **Buchanan**			12) State: **GA**	13) Zip Code: **30113**
14) Telephone Number: **(770)646-3369**		15) Fax Number:		
16) E-mail Address: **haralsoncountyhistory@gmail.com**				
17) Preferred means of communication: ( ) E-mail ( ) Letter (**X**) Both				

Dates & Response

18) Date Contacted **06/11/2020** 19) Date Replied _____

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Additional Information

20) Information on other consulting parties' role or interest (optional):

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: **Georgia Historic Preservation Division**

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name: **Morgan**	MI:	Last Name: **Rasmussen**	Suffix:

Signature: **Morgan Rasmussen** Date: **06/25/2020**

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Attachments :

Type	Description	Date Entered
Resumes/Vitae	Resumes	06/25/2020
Photographs	Photos	06/25/2020
Map Documents	Maps	06/25/2020
Mitigation	Site Info	06/25/2020
Area of Potential Effects	APE	06/25/2020
Tribal/NHO Involvement	Tribes	06/25/2020
Historic Properties for Direct Effects	Direct APE	06/25/2020
Historic Properties for Visual Effects	Visual APE	06/25/2020
Local Government Involvement	Local Government	06/25/2020
Public Involvement	ITC and Public Notice	06/25/2020
State-Specific Forms	SHPO Specific Forms	06/25/2020

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3060-1039
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Public burden estimates

Attachment 1. Consultant Information

Provide a current copy of the resume or curriculum vitae for the Principal Investigator and any researcher or other person who contributed to, reviewed, or provided significant input into the research, analysis, writing or conclusions presented in this filing.

A current copy of the resume for the Principal Investigator and any researcher or other person who contributed to, reviewed, or provided significant input into the research, analysis, writing or conclusions presented in this filing.

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PROFESSIONAL RESUME

CORI ELISE RICH

ARCHAEOLOGY PROJECT MANAGER II

Education

M.S. Historical Archaeology
Illinois State University / Normal, IL

B.A. Anthropology
Adams State University / Alamosa, CO

Areas of Expertise

Ms. Rich is a Secretary of the Interior (SOI) qualified archaeologist and is a member of the Register of Professional Archaeologists (RPA). Ms. Rich specializes in managing and performing Phase I, II, and III historical and prehistoric archaeological investigation review and assessment.

Ms. Rich has interest and experience in cultural resource management interpretation and implementation, and has a background in archaeology preservation, providing critical experience and knowledge in archaeological preservation considerations.

Ms. Rich has extensive experience in both field and laboratory settings. Ms. Rich's field experience includes performing, under Section 106, background research, historical research, archaeological field survey, testing, and data recovery efforts, and report writing for sites throughout the Midwest, Pacific Northwest, Northeast, and Southeast. Ms. Rich's laboratory experience includes training and managing groups of veterans as they curated federally-owned archaeological and archival collections, with the goal of boosting basic transferable employment skills, applicable to the civilian workforce, as well as managing and processing artifact and archival collections per National Historic Preservation Act regulations. Ms. Rich also has experience communicating scientific research in professional environments, university classrooms, and at national conferences.

Environmental Due Diligence Experience

Ms. Rich has experience performing site inspections and conducting environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM).

Environmental service expertise includes the preparation and/or review of:

Phase I Environmental Site Assessments
Asbestos Inspections
Field Reconnaissance
Historical Topographic Maps and Aerial Imagery
Land Use History

Selected Presentations

Hey Girl, I See You: Identifying Women Within Household Assemblages - Society for Historical Archaeology Conference, Fort Worth, Texas, January 2017
Putting Archaeology to Work in a Me Generation - Three Rivers Archaeology Meeting, St. Louis, April 2016
Historical Archaeology at Work: Rehabilitation Our Past and Present to Secure Our Future - Society for Historic Archaeology Conference, Washington, D.C, January 2016
Identifying the visible: A Look at How Economic Class and Ethnicity Influence Women's Visibility within a Household - Society for Historic Archaeology Conference, Seattle, Washington, January 2015
Small Things Remembered: A Look at Identity in the Nolichucky Valley Through Beads and other Small Items - Cherokee, North Carolina, August 2013

Additional Information and Professional Memberships

American Cultural Resources Association (ACRA), member since 2019
American Anthropological Association (AAA), member since 2018
Register of Professional Archaeologists (RPA), member since 2014
Society for Historical Archaeology (SHA), member since 2011
Conducted public outreach and presented archaeological findings to Cherokee Tribal Elders and community members in Cherokee, North Carolina
Participated in identifying and documenting historic petroglyphs as part of a public outreach project in Stone Mountain, Georgia
Professional interests include Public Outreach, Public Archaeology, Preservation, Curation, Archives, Cultural Heritage, Historical Research, Museum Collections, and Museum Exhibit Construction.

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PROFESSIONAL RESUME

ZACH HORNE, M.A., RPA

ASSISTANT PROJECT MANAGER

Education

M.A. Anthropology
Georgia State University / Atlanta, GA

B.S. Anthropology
Kennesaw State University / Kennesaw, GA

Areas of Expertise

Mr. Horne is a Secretary of the Interior (SOI) qualified archaeologist and is a member of the Register of Professional Archaeologists (RPA). Mr. Horne specializes in managing and performing Phase I, II, and III historical and prehistoric archaeological investigation review and assessment.

Mr. Horne has interest and experience in conducting archaeological, environmental, and historical research for site assessments for the Section 106 Review process. Mr. Horne has a background in prehistoric North and Central American archaeology with an emphasis on prehistoric ceramic and lithic artifact analysis and preservation in the Mid-Atlantic, Midwest, and Southeast regions of the United States.

Mr. Horne has extensive experience in both field and laboratory settings. Mr. Horne's field experience includes performing, under Section 106, background research, historical research, archaeological field survey, testing, and data recovery efforts, and report writing for sites throughout the Mid-Atlantic, Midwest, Northwest, West, and Southeast in 26 states. Mr. Horne's laboratory experience includes managing undergraduate student artifact analysis and interpretation in a university setting, as well as the analysis and processing of artifact collections for the US Forest Service and the Ceramoteca del Centro INAH, Yucatan, Mexico.

Environmental Due Diligence Experience

Mr. Horne has experience performing site inspections and conducting environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM).

Environmental service expertise includes the preparation and/or review of:

Phase I Environmental Site Assessments
National Wetlands Inventory Maps
Field Reconnaissance
Historical Topographic Maps and Aerial Imagery
Land Use History
Flood Insurance Rate Maps

NEPA Environmental Assessments
Form 620/621 Submittals
Critical Habitat Maps
Soil Characterization
Archaeological and Architectural Impacts
Local Government Consultation

Additional Information and Professional Memberships

Register of Professional Archaeologists (RPA), member since 2014
Society for Georgia Archaeology, member since 2014
Professional interests include Public Outreach, Public Archaeology, Preservation, Curation, Archives, Cultural Heritage, and Historical Research.

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PROFESSIONAL RESUME

MORGAN RASMUSSEN

PROJECT SCIENTIST

Education

B.S. in Environmental Science
Georgia College / Milledgeville, GA

Areas of Expertise

Ms. Morgan Rasmussen has experience performing site inspections and conducting due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM) for commercial real estate and lending projects.

Environmental service expertise includes the preparations and/or review of:

Phase I Environmental Site Assessments
Historical City Directories
National Wetland Inventory Maps
Flood Insurance Rate Maps
Critical Habitat Maps
Environmental Evaluation Summaries
Archaeological and Architectural Impacts
Soil Characterization
Field Reconnaissance
Section 106 Compliance
NEPA Environmental Assessments
Migratory Bird Evaluations
Form 620/621 Submittals
Historical Topographic Maps and Aerial Imagery
Local Government Consultation
Native American Consultation
Land Use History

Certifications/Affiliations

Georgia Adopt-A-Stream Macroinvertebrate and Chemical QA/QC Certification

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Public burden estimates

Attachment 2. Site Information – Photographs

You are required to provide photographs and maps as part of this filing. Additional site information can be provided in an optional attachment.

Photograph Requirements:

Except in cases where no Historic Properties were identified within the Areas of Potential Effects, submit photographs as described below. Photographs should be in color, marked so as to identify the project, keyed to the relevant map or text, and dated; the focal length of the lens and the height of the camera should be noted. The source of any photograph included but not taken by the Applicant or its consultant (including copies of historic images) should be identified on the photograph.

a. **Photographs taken from the site should show views from the proposed location in all directions. The direction (e.g., north, south, etc.) should be indicated on each photograph, and, as a group, the photographs should present a complete (360 degree) view of the area around the proposed site.**

   Please see attached Photographs, which were taken by Zach Horne, M.A., RPA of Trileaf Corporation on June 15, 2020, unless otherwise noted**.**

b. **Photographs of all listed in and eligible properties within the Areas of Potential Effects.**

   N/A

c. **If any listed or eligible properties are visible from the proposed site, photographs looking at the site from each historic property. The approximate distance in feet (meters) between the site and the historic property should be included. If any listed or eligible properties are within the APE, photos looking at each historic property should be included.**

Aerial photograph of the site was obtained by using Google Earth, imagery is dated 2019.

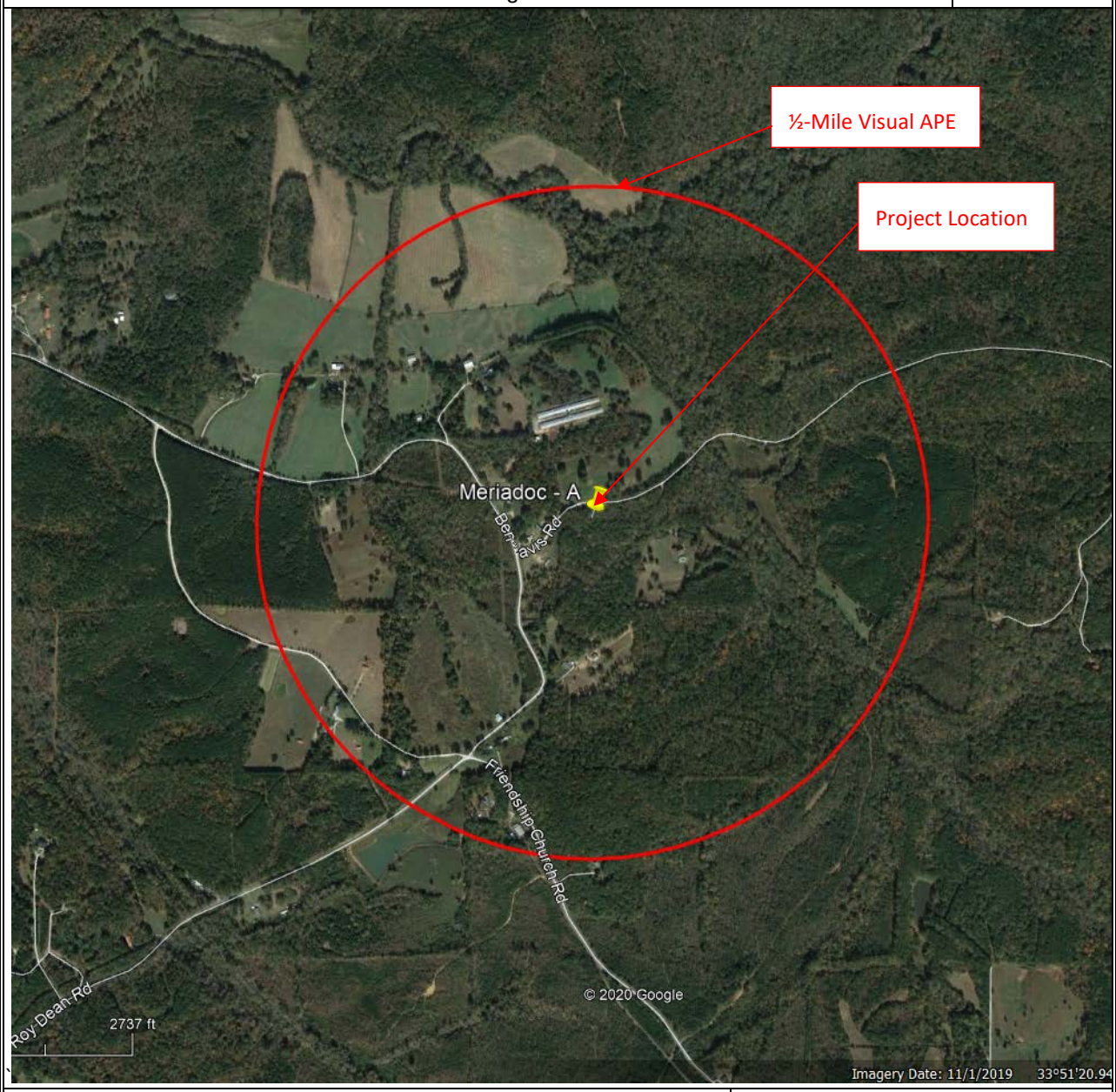
Buchanan Quadrangle, Georgia (2017), & Draketown Quadrangle, Georgia (2017)

Contour Interval = 20 Feet

Scale 1 Inch = ~2,000 Feet

Latitude: 33° 51’ 31.03” N Longitude: 85° 07’ 21.82” W

North



Google Earth – Location Map

Verizon Wireless– Meriadoc - A

Ben Davis Road

Buchanan, Georgia 30113

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Figure 5: General location of proposed cell tower installation, Google Earth Imagery 2019.



Site Photograph 1 – Looking north at the Project Location.



Site Photograph 2 – Looking east at the Project Location.



Site Photograph 3 – Looking south at the Project Location.



Site Photograph 4 – Looking west at the Project Location.



Site Photograph 5 – Looking north away from the Project Location.



Site Photograph 6 – Looking east away from the Project Location.



Site Photograph 7 – Looking south away from the Project Location.



Site Photograph 8 – Looking west away from the Project Location.



Site Photograph 9 – Looking north at the access and utility easement.



Site Photograph 10 – Looking south at the access and utility easement.



Site Location & Surrounding Properties



Site Location — — — — — Easement

Aerial Photographs (2019)

Verizon Wireless – Meriadoc – A
Ben Davis Road
Buchanan, Georgia 30113

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Attachment 3. Site Information – Map Requirements

Include one or more 7.5-minute quad USGS topographical maps that:

a. **Identify the Areas of Potential Effects for both Direct and Visual Effects. If a map is copied from the original, include a key with the name of quad and date.**
b. **Show the location of the proposed site and any access roads or other easements including excavations.**
c. **Show the locations of each property listed.**
d. **Include keys for any symbols, colors, or other identifiers.**
e. **Submit color maps whenever possible.**

The following map has been attached to this report:

Topographic Maps

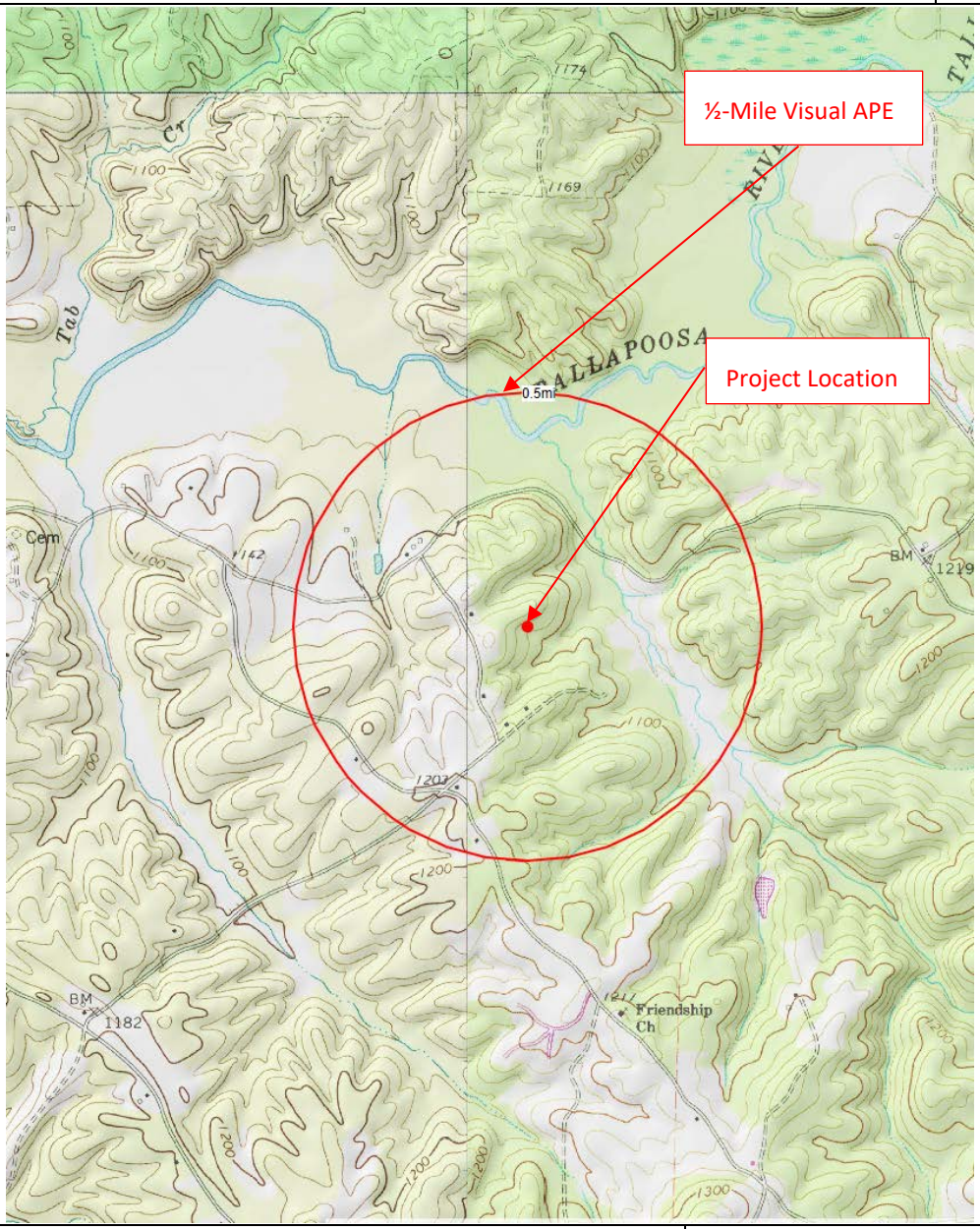
½-Mile Area of Potential Effect Map

Please refer to Appendix A for Site Figures

Buchanan Quadrangle, Georgia (2017), & Draketown Quadrangle, Georgia (2017)

Contour Interval = 20 Feet
Scale 1 Inch = ~2,000 Feet
Latitude: 33° 51’ 31.03” N Longitude: 85° 07’ 21.82” W

North

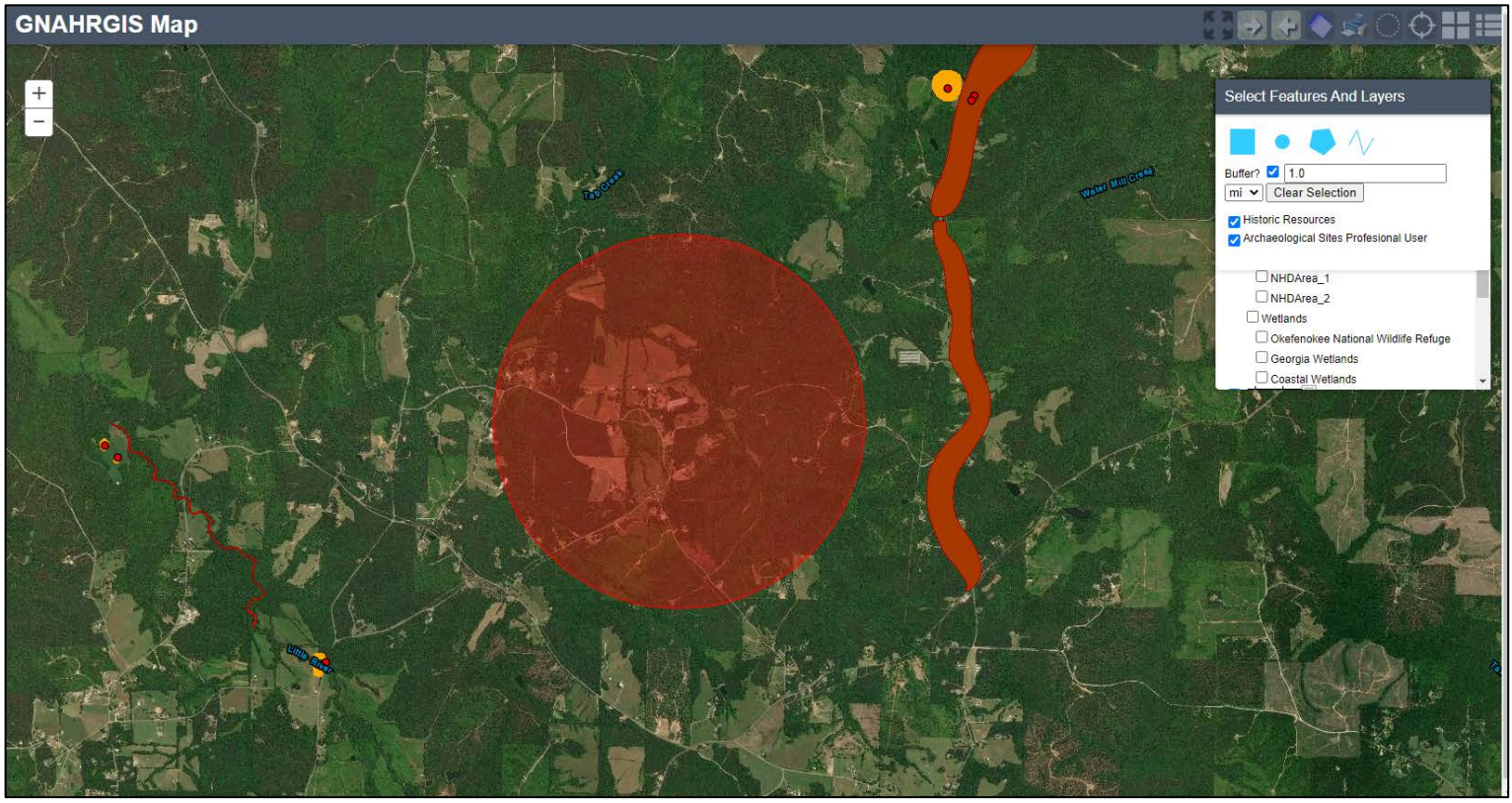


USGS Topographic Map – Location Map

Verizon Wireless– Meriadoc - A
Ben Davis Road
Buchanan, Georgia 30113

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General location of proposed cell tower installation.



Archaeological Sites and Surveys Within 1-mile of the Project Area (GNAHRGIS 2020).



Project Area ca. 1958.

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Attachment 4. Site Information – Additional Site Information

Describe any additional structures, access roads, utility lines, fences, easements, or other construction planned for the site.

Verizon Wireless proposes the construction of a new monopole telecommunications tower with a total height of 161 feet (49.1 meters). The new tower and associated equipment will be situated within a proposed approximate 100 x 100-foot (30.5 x 30.5 meter) cell tower lease area. A proposed approximate 30 x 150-foot (9.1 x 45.7 meter) access and utility easement will travel generally north away from the lease area towards Ben Davis Road. Total acreage of the new construction area is approximately 0.33 acres (0.13 Hectares).

The construction drawings provided by *Verizon Wireless* are included in this attachment.

Please refer to Appendix A for Site Plans

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Attachment 5. Area of Potential Effects

You are required to provide two attachments regarding the Determination of Effect: Areas of Potential Effect and Mitigation of Effect (if applicable).

Areas of Potential Effect Guidelines:

a. Describe the APE for direct effects and explain how this APE was determined.

Verizon Wireless proposes the construction of a new monopole telecommunications tower with a total height of 161 feet (49.1 meters). The new tower and associated equipment will be situated within a proposed approximate 100 x 100-foot (30.5 x 30.5 meter) cell tower lease area. A proposed approximate 30 x 150-foot (9.1 x 45.7 meter) access and utility easement will travel generally north away from the lease area towards Ben Davis Road. Total acreage of the new construction area is approximately 0.33 acres (0.13 Hectares). As defined by the NPA, "the APE for direct effects is limited to the area of potential ground disturbance and any property, or any portion thereof that will be physically altered or destroyed by the Undertaking." The APE for direct effects is essentially the archaeological portion of the survey, which is the footprint of the construction activity.

b. Describe the APE for visual effects and explain how this APE was determined.

The APE for visual effects is the geographic area in which the Project has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a historic property that makes it eligible for listing on the National Register of Historic Places (NRHP). The presumed APE for visual effects for construction of new facilities is the area from which the tower will be visible. Due to the height of the proposed undertaking 161 feet (49.1 meters), the presumed APE for visual effects for this project is a ½-mile radius from the tower site.

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Attachment 5. Continued

Mitigation of Effect Guidelines:

In the case of where an Adverse Visual Effect or Adverse Direct Effect has been determined you must provide the following:

a. **Copies of any correspondence and summaries of any oral communication with the SHPO/THPO and any consulting parties.**
   N/A

b. **Describe any alternatives that have been considered that might avoid, minimize, or mitigate any adverse effects. Explain the Applicant's conclusion regarding the feasibility of each alternative.**
   N/A

For each property identified as a Historic Property in the online e-106 form:

a. **Indicate whether the Applicant believes the proposed undertaking would have a) no effect; b) no adverse effect; or, c) an adverse effect. Explain how each such assessment was made. Provide supporting documentation where necessary.**

Based on a review of the historic resources, a recommendation of ***No Historic Properties within the APE for Direct Effects*** is recommended. Subsurface archaeological properties are unlikely.

Based on a review of the historic resources, a recommendation of ***No Historic Properties within the ½-Mile Visual APE*** is recommended. It is therefore recommended that project clearance be granted with no further investigation or evaluation of the project area relative to these resources. Please see the attached cultural resource assessment.

CULTURAL RESOURCE SURVEY



Meriadoc - A

Trileaf Project No. 667545
Ben Davis Road,
Buchanan, GA 30113

Prepared For:
Verizon Wireless
10300 Old AL Connector Road
Alpharetta, Georgia 30022

Prepared By:

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Cultural Resources Survey of the "Meriadoc - A" Monopole Tower, Buchanan, Haralson County, Georgia
Trileaf # 667545

PREPARED AND WRITTEN BY:

Trileaf Corporation
1395 South Marietta Parkway
Building 400, Suite 209
Marietta, GA 30067

Cori Rich, M.S., RPA
Principal Investigator
314-997-6111
c.rich@trileaf.com

Zach Horne, M.A., RPA
Assistant Archaeology Project Manager
678-653-8673 ext. 653
z.horne@trileaf.com

Trileaf Project No. 667545

Lead Agency
Federal Communications Commission (FCC)

June 2020

The opinions, findings, and conclusions expressed in this document are those of Trileaf Corporation.

ABSTRACT AND MANAGEMENT SUMMARY

In June 2020, Trileaf Corporation (Trileaf) performed a cultural resource inventory survey for a proposed monopole communications tower located in Haralson County, Buchanan, Georgia (Latitude: 33° 51' 31.03" Longitude: -85° 07' 21.82"). The project location is located within a wooded area.

Verizon Wireless proposes the construction of a new monopole telecommunications tower with a total height of 161 feet (49.1 meters). The new tower and associated equipment will be situated within a proposed approximate 100 x 100-foot (30.5 x 30.5 meter) cell tower lease area. A proposed approximate 30 x 150-foot (9.1 x 45.7 meter) access and utility easement will travel generally north away from the lease area towards Ben Davis Road. Total acreage of the new construction area is approximately 0.33 acres (0.13 Hectares).

Assistant Archaeology Project Manager Zach Horne, M.A., RPA, under the direction of Trileaf, performed this survey in response to the planned use of the above-described parcel and the potential impacts that such use might represent to archaeological and architectural cultural resources. The Phase I cultural resource survey was designed to discover all prehistoric and historical period cultural resources that might be present within the project area.

The field survey of the project area, which included a pedestrian survey, shovel testing, and visual inspection, found no evidence for the presence of archaeological or architectural properties in relation to the current project area's Direct APE. Additionally, based on a map and survey form search using the resources of the Georgia State Historic Preservation Office GNAHRGIS GIS platform, inspections of the Georgia Archaeological Site Files (GASF 2020), as well as the resources of the National Register of Historic Places (NRHP) conducted by Zach Horne, Assistant Archaeology Project Manager of the Trileaf Corporation, on June 12, 2020 identified no NRHP-listed or NRHP-eligible historical resources located within the ½-mile APE for visual effects. In a letter dated June 15, 2020 form Senior Planner Kevin McAuliff of the Northwest Georgia Regional Commission stated the Haralson County Tax Assessor's website identified six (6) historical properties (623 Roy Dean Road, 575 Roy Dean Road, 20 Maple Ridge Lane, 701 Friendship Church Road, 66 Maple Ridge Lane, 565 Roy Dean Road) with no prior determination of eligibility, but were included for inclusivity. A review of archaeological sites and surveys, conducted through GNAHRGIS by Zach Horne, M.A., RPA on June 12, 2020, identified no previously recorded archeological sites, and no previously recorded archaeological surveys that were identified within 1-mile of the proposed project area.

Based on these findings, Trileaf recommends ***No Historic Properties within the Direct APE*** and ***No Historic Properties within the ½-mile Visual APE***. It is therefore recommended that project clearance be granted with no further investigation or evaluation of the project area relative to those resources.

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SECTION 1.0 - INTRODUCTION

The FCC requires licensees and their representatives to consider the effects of their actions on historic properties, in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended, and the National Environmental Policy Act of 1969 (NEPA) (Federal Communications Commission 1996). Historic properties include Native American or European-American archaeological sites, architectural resources (historic districts and standing structures), objects, and traditional cultural properties. Applicants are required to assess and report all potential environmental effects as part of the Section 106 process prior to construction.

Assistant Archaeology Project Manager Zach Horne, M.A., RPA, under the direction of Trileaf, performed this survey in response to the planned use of the above-described parcel and the potential impacts that such use might represent to archaeological and architectural cultural resources. The Phase I cultural resource survey was designed to discover all prehistoric and historical period cultural resources that might be present within the project area.

Pre-field archival research was conducted by Assistant Archaeology Project Manager Zach Horne (B.S. Anthropology, Kennesaw State University and M.A. Anthropology, Georgia State University). Assistant Archaeology Project Manager Zach Horne, M.A., RPA, was responsible for conducting the research, fieldwork, photography and final report production. Mr. Horne and Ms. Rich have been certified as meeting the Secretary of the Interior's Historic Preservation Professional Qualifications Standards for Archaeology and is currently certified by the Register of Professional Archaeologists. This project was conducted under the direction and supervision of Cori Rich, M.S., RPA, Principal Archaeologist. All work on the current project was completed between June 7, 2020 – June 23, 2020.

1.1 AREA OF POTENTIAL EFFECTS (APE)

Under the NPA for FCC Projects, the Direct APE (APE-DE) "is defined as the area of potential ground disturbance and any property, or any portion thereof that will be physically altered or destroyed by the undertaking" (FCC 2004). On November 24, 2008, the FCC further clarified that the APE-DE is limited to the tower or non-tower structure on which the collocation will be mounted as well as the lease area including the access route and utility corridor. *Verizon Wireless* proposes the construction of a new monopole telecommunications tower with a total height of 161 feet (49.1 meters). The new tower and associated equipment will be situated within a proposed approximate 100 x 100-foot (30.5 x 30.5 meter) cell tower lease area. A proposed approximate 30 x 150-foot (9.1 x 45.7 meter) access and utility easement will travel generally north away from the lease area towards Ben Davis Road. Total acreage of the new construction area is approximately 0.33 acres (0.13 Hectares).

Per the NPA, the Visual APE (APE-VE) is the "geographic area in which the project has the potential to introduce visual elements that diminish or alter the setting, including the landscape, where the setting is a character-defining feature of a historic property that makes it eligible for listing on the National Register of Historic Places (NRHP)" (FCC 2004). The presumed APE-VE for construction of new facilities is the area from where the tower will be visible: a. Within a ½ mile from the tower site if the proposed tower is 200 feet or

less in height; b. Within ¾ of a mile from the tower site if the proposed tower is more than 200 but no more than 400 feet in overall height; or c. Within 1½ miles from the tower site if the proposed tower is more than 400 feet in overall height.

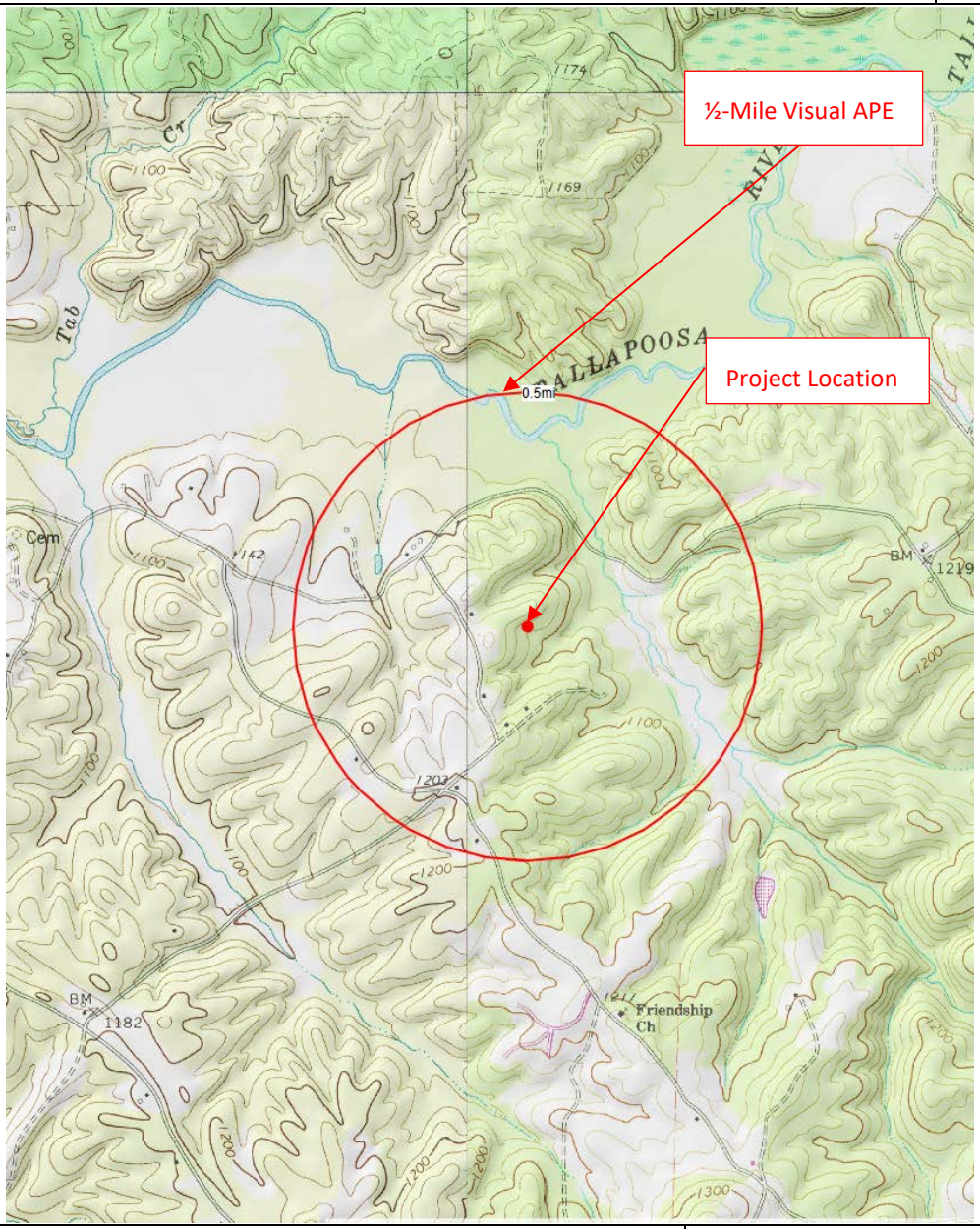
Taking into account the maximum height of the proposed undertaking (161-feet), the scale of the installation, and any nearby historic properties, Assistant Archaeology Project Manager Zach Horne, M.A., RPA determined that the APE for visual effects, according to the above definition, would encompass a ½-mile radius from the Subject Property.

1.2 SITE PLANS AND PHOTOGRAPHS

Please reference Figure 2 to review the construction drawing provided by *Verizon Wireless*. Also, please reference Appendix 1 to review photographs of the project area, which were taken by Trileaf Corporation Assistant Archaeology Project Manager Zach Horne, M.A., RPA, on June 15, 2020 unless otherwise noted.

Buchanan Quadrangle, Georgia (2017), & Draketown Quadrangle, Georgia (2017)
Contour Interval = 20 Feet
Scale 1 Inch = ~2,000 Feet
Latitude: 33° 51’ 31.03” N Longitude: 85° 07’ 21.82” W

North



USGS Topographic Map – Location Map
Verizon Wireless– Meriadoc - A
Ben Davis Road
Buchanan, Georgia 30113

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Figure 1: General location of proposed cell tower installation.

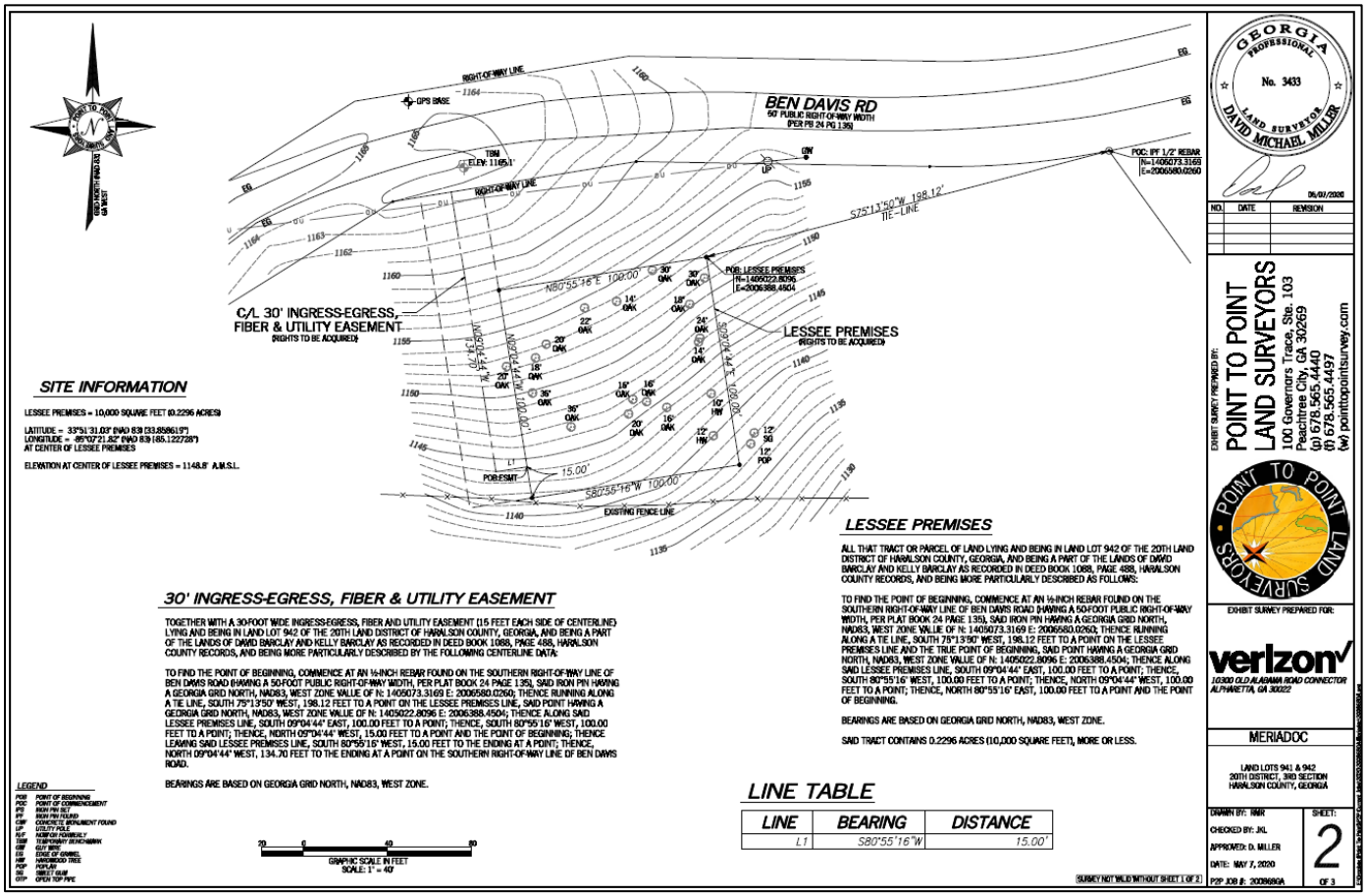


Figure 2: Detailed view of proposed collocation location and installation (Point to Point Land Surveyors).

SECTION 2.0 - PROJECT SETTING

2.1 SOILS

According to the U.S. Soil Conservation Service Soil Survey of Haralson County, Georgia, the soils in the project location area include the Grover soil series (GIC2), 6 to 10 percent slope, and the Tallapoosa soil series (TiE2), 15 to 25 slope. The Grover series consists of very deep, we drained soils on ridges and side slopes on piedmont uplands formed in residuum that is affected by soil creep in the upper part on steep slopes, and is weathered from high-grade metamorphic rocks high in mica such as biotite gneiss and schist. The Tallapoosa series consists of shallow, well drained, moderately permeable soils that formed in residuum weathered from mica schist on narrow ridges and sideslopes of the Piedmont Plateau (Figure 3; NRCS 2020).



Figure 3: Location of proposed cell tower site on modern soil map (NRCS 2020).

2.2 ELEVATIONS

Elevations range between 1,100-1,200 feet (335.3-365.8 meters) above mean sea level (AMSL) in the surrounding area, with the project area elevation at approximately 1,149 feet (350.2 meters) AMSL. Based on examination of the site topography and surface water drainage pattern apparent on the topographic map, shallow groundwater flow in the area is approximated to be generally north and east towards an unnamed tributary of the Tallapoosa River located approximately 1,308-feet (398.7 meters) miles to the east, at its closest point.

2.3 ENVIRONMENTAL SETTING

Haralson County within the Piedmont physiographic region. The Piedmont region is defined as a rolling to hilly upland with a well-defined drainage pattern. Streams have dissected the original plateau, leaving narrow to fairly broad upland ridgetops and short slopes adjacent to the major streams. The valley floors are generally narrow and make up about 10 percent or less of the land area. The average annual precipitation is 37 to 45 inches (940 to 1,145 millimeters) at the northern end of this area, is 45 to 60 inches (1,145 to 1,525 millimeters) at the southern end, and is as much as 75 inches (1,905 millimeters) in a small, high-elevation area in northeastern Georgia. The precipitation generally is evenly distributed throughout the year. It is lowest in autumn. Most of the rainfall occurs as high-intensity, convective thunderstorms during the growing season. Significant moisture also comes from the movement of warm and cold fronts across the Piedmont Province from November to April. High amounts of rain can occur during hurricanes at the same time of the year. Snowfall typically is light. The average annual temperature is 53 to 64 degrees F (12 to 18 degrees C). The uplands in this area generally support a mixture of hardwoods and pine. Loblolly pine, slash pine, white oak, red oak, gum, yellow-poplar, and sycamore are the principal species. Pine is dominant on eroded sites. Hardwoods or mixed stands of pine and hardwoods are on slightly eroded soils and the flood plains along streams. The understory includes dogwood, honeysuckle, pinehill bluestem, and briars. Some of the major wildlife species in this area are white-tailed deer, cottontail, squirrel, bobwhite quail, and mourning dove (MLRA Explorer 2020).

2.4 CULTURAL SETTING

The prehistoric occupation of Georgia has been generally established to include 10 temporal traditions. These traditions apply, in varying degrees, throughout the region. They are considered the cultural context in which the interpretation of cultural information is assessed, specifically in terms of NRHP eligibility. These dates should be accepted as broad, chronological reference points for the Georgia's archaeological record that set the background for regional variations**.**

Paleoindian (>10,000-8,000 B.C.) and Early Archaic (8,000-6,000 B.C.) period Native Americans were thought to have settled in North America prior to 10,000 B.C. By this time Clovis people were dispersed throughout the North American continent. Very little of the Paleoindian period in Georgia is known (Wettstaed 2010: 7). Limited excavations of Early Archaic sites have occurred in Georgia and this period of history is poorly understood by researchers at this time. Several styles of projectile points are associated with Early Archaic Georgian sites. Patterns of settlement during the Early Archaic period in the Piedmont centered near uplands away from major floodplains. However, some sites cluster near shoals. Three site

types characterize the Early Archaic period: seasonal camps, stone quarry sites, and larger settlement camps near shoals. Seasonal camps were established predominantly along small floodplains and spur ridges near fresh-water springs. Based on some of the non-local raw materials used for lithic tool production, Early Archaic people must have had extensive contact with others along major drainage systems (Wettstaed 2010: 8).

Middle Archaic period (6,000 - 3,000 B.C.) Significant changes in settlement patterns defined this period in Georgia. During this time the people of the Coastal Plain and the Piedmont began to adapt differently to their environment. During the Middle Archaic period archaeological evidence suggests the people of the region began to shift from a primarily hunter/gatherer society to a more sedentary lifestyle (Wettstaed 2010: 9). Morrow Mountain points are one of the best known Middle Archaic projectile types of this region and dates to around 5,500 and 3,000 B.C. Other tool kits found at similar sites in Georgia as well as excavation data indicate that these Middle Archaic sites were mainly used as short-term campsites (Wettstaed 2010: 9).

Late Archaic period (3,000 – 1,000 B.C.) Archaeological data relating to the Late Archaic period show an increase in storage and cooking technologies, most notably with ceramics. The Stallings culture, known for its fire-tempered pottery, first appears in Georgia in the coastal areas around 2,500 B.C., and spread northward along the Savannah River until approximately 1,200 B.C. (Wettstaed 2010: 9). Late Archaic habitations in north Georgia expanded in size and permanence, allowing for increased trade and an increase in commitment of surplus labor. Surplus labor provided items such as soapstone bowls, cooking slabs, ceramic vessels, and possibly even banner stones that could be used to bind neighboring groups together into a solid system of trade and reciprocity (Stanyard 2003: 51). The hafted biface most popular in the Late Archaic tradition in Georgia is the Savannah River projectile point. Savannah River points are large with either a straight or slightly contracting stem, straight base, and triangular blade; although slightly indented bases sometimes occur. These points are associated with the broad-spear tradition of the Late Archaic and covered all of the Eastern Woodlands (Stanyard 2003: 51-53).

Woodland period (1,000 B.C. - A.D. 900) The Woodland period was thought to have lasted from circa 1200 B.C. to A.D. 900. The period was divided into three sub periods; the Early, Middle, and Late, with each stage characterized by the development and widespread use of pottery, the rise and fall of regional ceremonial complexes, and an overall rise in population density with increased reliance on agriculture that eventually led to the Mississippian period in the Southeast. The Late Woodland period is generally believed to have occurred from approximately A.D. 400 to 1000 (Anderson and Mainfort 2002: 1-16). The Late Woodland period is best characterized as a time of cultural change, although Wynn et al (1994: D-8), states that the Late Woodland Period "remains one of the poorest known time periods in Georgia," which could be attributed to a lack of archaeological data. There is evidence of widespread population growth during this time as well as the technological advancement of the bow and arrow (Anderson and Mainfort 2002: 15). Artifacts characterizing the Late Woodland period in Georgia north of the Fall Line are the Late Swift Creek and Napier styles of pottery. Swift Creek ceramics are characterized by a variety of complicated stamping techniques ranging from concentric circular patterns too simplistic curvilinear designs. Earlier styles had notched and scalloped lips and small tetrapods with later varieties of Swift Creek ceramics having small to large folded rims. Napier style pottery evolved from the Middle Woodland Swift Creek designs which later developed into Woodstock pottery characteristic of the Early Mississippian period of North Georgia. Napier

Complicated Stamped pottery is known for rectilinear stamping with parallel filler lines (Cable et al 1997: 57; Anderson 1996: 129; Rudolph 1991: 261; Wettstaed 2010: 12).

Early Mississippian period (A.D. 900-1200) Mississippian period sites are largely associated with earthen mounds situated within plazas near or on alluvial plains, and subsistence on a variety of agricultural foods, but centered on the cultivation of maize. However, not all Mississippian sites contain mounds. Smaller settlements in Georgia have included farmsteads and seasonal camps. Political hierarchy in the Mississippian period is thought to have been governed by hereditary chiefs controlling the mound centers with smaller sub-chiefs ruling periphery areas and controlling the flow of economic goods between chiefs and their lesser subjects. Mississippian communities utilized a variety of diverse agricultural as well as hunting and gathering techniques (Cable et al 1997: 59-60). The Early Mississippian period began circa A.D. 900 and lasted to approximately A.D. 1200. The Early Mississippian period in the Georgia Piedmont is characterized by Woodstock ceramics, a style similar to proceeding Napier pottery, with sand tempered, wide-mouthed conoidal jars, and the Vining phase, which is sand tempered with plain or simple stamped finishing (Cable et al 1997: 59; Hally and Rudolph 1986: 19-29; Wettstaed 2010: 12).

Middle (A.D. 1200 – 1350) and Late Mississippian (A.D. 1350 – 1600) periods More is known about the Middle to Late Mississippian periods in Georgia than any other of the prehistoric eras. The Middle and Late Mississippian periods are both categorized based on differing styles of pottery (Wettstaed 2010: 13). The Middle Mississippian period lasted in the Georgia Piedmont from A.D. 1200 to 1350. The Savannah culture is the only culture recognized in the Piedmont during this time. The Savannah culture is defined by four distinct pottery types: Savannah Complicated Stamped, Etowah Complicated Stamped, Savannah Checked Stamped, and Savannah Plain (Hally and Rudolph 1986: 51). Major characterizations in Middle Mississippian pottery are one and two bar concentric circle and concentric diamond motifs, figure eights, curvilinear designs, and cord marking (Cable et al 1997: 61; Hally and Rudolph 1986: 51). Archaeological evidence shows an abundance of burial goods and prestige items in Savannah culture assemblages suggesting that the Middle Mississippian period in the Piedmont of Georgia was at a high point of ceremonialism and maintained a flourishing economy. Many Savannah sites are located in upland environments suggesting that the Savannah culture was not limited to floodplain settings alone. At the end of the Middle Mississippian period an overall decline in ceremonialism and mound building took place and after circa A.D. 1350 the large mound centers were mostly abandoned (Cable et al 1997: 61-62). The Late Mississippian period stretches from circa A.D. 1350 to 1600 and is most characterized in the Georgia Piedmont by the transition of the Savannah to the Lamar culture and ends with European contact (Williams and Shapiro 1990). The Lamar in Georgia is the only recognized culture during this time and is defined on the basis of three main pottery styles: Lamar Complicated Stamped, Lamar Incised, and Lamar Plain, as well as a particular vessel shape mode: the thickened jar rim (Hally and Rudolph 1986: 63). Additionally, Late Mississippian trends in Lamar ceramics can be divided into three distinctive time periods (Early, Middle, Late) and each major Lamar phase further subdivided into four temporal periods in relation to more defined attributes in pottery styles. The Scull Shoals phase, circa A.D. 1375, is the phase immediately preceding Lamar, and is identified by rolled and unmodified rims, sloppy Savannah and Etowah stamping, and red filming. The Duvall phase, circa A.D. 1450, is identified by narrow punctate rim folds or applied strips, fairly clear stamping, and very little incising. The Iron Horse phase, circa A.D. 1530, is identified by narrow folded rims, unrecognizable stamping designs, and 2-3-line bold incising. The Dyar phase, circa A.D. 1590, is identified by wide rim folds, bold to medium multiple line incising, and very little use of stamping. The Bell phase, circa A.D. 1650, is identified by rim folds wider than Dyar phase, medium to fine multiple

line incising, very little use of stamping, and T-rims (Ledbetter and Wynn 1988: 11-16). During the Late Mississippian period in the Georgia Piedmont ceremonialism began to decline, even disappearing in some areas altogether. However, some aspects of the Late Mississippian culture were carried over into the Historic Period (White 1988: 112). Archaeological evidence has shown that the Oconee River Valley in the Lower Piedmont was an important political district during the Lamar period. A total of five mound centers are located within the Oconee River Valley, with each center containing one to five mounds each. The mound centers include: Scull Shoals (9GE4), Dyar (9GE5), Shoulderbone (9HK1), Shinholser (9BL1), and Little River (9MG46). The spacing between these five sites show that Late Mississippian mound centers in north Georgia administered districts approximately 20 km (one day's walk) in radius (Smith and Kowalewski 1980: 1-13). The close proximity of these five mound centers could potentially have administered most of the lower Piedmont of the Oconee watershed. During the Dyar and Bell phases (A.D. 1520-ca. 1670), large portions of outlying terrain within 23km of the area's five mound centers were occupied as farmsteads. Farmsteads were generally built on level ground near tributary streams with one circular "winter house" and approximately one to four rectangular "summer houses". Surrounding woodlands were cleared for agriculture that could provide a variety of crops for the household (Hatch 1995: 135-155).

SECTION 3.0 – RESEARCH

3.1 BACKGROUND RESEARCH

Field investigations were preceded by a period of archival research to determine what, if anything, could be predictively said per prehistoric or historic archaeological and/or architectural sensitivities prior to the onset of fieldwork. Pre-field archival research was conducted utilizing resources of the Georgia State Historic Preservation Office GNAHRGIS GIS platform, inspections of the Georgia Archaeological Site Files (GASF 2020), as well as the resources of the National Register of Historic Places (NRHP) conducted by Zach Horne, Assistant Archaeology Project Manager of the Trileaf Corporation, on June 12, 2020, identified no NRHP-listed or NRHP-eligible historical resources located within the ½-mile APE for visual effects, and a review of archaeological sites and surveys, conducted by Zach Horne through GNAHRGIS on June 12, 2020, identified no previously recorded archeological sites, and previously recorded archaeological surveys that were identified within 1-mile of the proposed project area. In a letter dated June 15, 2020 form Senior Planner Kevin McAuliff of the Northwest Georgia Regional Commission stated the Haralson County Tax Assessor's website identified six (6) historical properties (623 Roy Dean Road, 575 Roy Dean Road, 20 Maple Ridge Lane, 701 Friendship Church Road, 66 Maple Ridge Lane, 565 Roy Dean Road) with no prior determination of eligibility, but were included for inclusivity.

Additionally, the National Park Service National Historic Trails Interactive GIS map was also reviewed. The Trail of Tears is recognized by the National Park Service as a National Historic Trail, which carries the same significance as being listed in the NRHP, and is therefore considered a Historic Property. No known portion of the Trail of Tears intersects with the project or is located within the ½-mile radius Visual APE.

Haralson County, the state's 113th county, is located in west central Georgia, on the border with Alabama, and covers 282 square miles. Created in 1856 from parts of Carroll and Polk counties, it was named after Hugh A. Haralson, a U.S. congressman and state legislator. The Dahlonega gold vein, which runs through the region, attracted the first non-Indians to the area during the Georgia gold rush. Many of these people

settled permanently, displacing the Cherokee and Creek Indians, who had held the land before white settlement. The county seat, Buchanan, was incorporated in 1857. Prior to that year the town's name was Pierceville, but another Georgia town already held the name, so it was renamed after U.S. president James Buchanan, who had recently taken office. There is no solid information about the town's original courthouse, but one built in 1891 is still extant and today houses the Buchanan-Haralson Public Library and the Haralson County Historical Society. The building was placed on the National Register of Historic Places in 1974. The current courthouse was built in 1972. Other incorporated communities in the county are Bremen, incorporated in 1883; Tallapoosa, incorporated in 1860; and Waco, incorporated in 1885. Bremen, known between the 1940s and 1990s as the "Clothing Center of the South" for its then thriving clothing manufacturing industry, took its name from the local railroad station and the German seaport town of the same name. Bremen's location at the intersection of the Chattanooga, Rome, and Columbus Railroad and the Georgia Pacific Railway appealed to manufacturing industries. Tallapoosa (said to mean "golden water" in the language of the Creek Indians) had been called "Possum Snout" by gold miners who panned the waters of the Tallapoosa River for the precious metal. Waco, known first as "Dean" and then as "Wacoville," was once a center for the shipment of cotton and lumber. In 2002 it became home to the ninety-acre Thomas B. Murphy campus of West Central Technical College (later West Georgia Technical College). Although at first Haralson County's economy revolved around gold mining, after the mines were depleted inhabitants made their living by farming, chiefly cotton, and harvesting the stands of lumber prevalent in the area. Some residents, notably those in Tallapoosa, took advantage of the area's magnificent natural beauty, a mineral spring, and the arrival of the railroad in the 1880s to encourage the tourist trade by developing hotels and resorts. One of the numerous northern visitors to the county was Ralph L. Spencer, a Connecticut land speculator and entrepreneur who established the Tallapoosa Land Mining and Manufacturing Company in 1887. Spencer organized Tallapoosa's first municipal electric light company, water works company, and athletic association. He also was a prime investor in a glassware factory in town. When mining waned, Spencer embarked on what may have been his most interesting endeavor—the establishment of a planned community for the purpose of wine making. He invited some of Pennsylvania's Hungarian immigrants to leave their mining jobs and relocate to 2,000 acres near Tallapoosa, where they could produce wine. Led by their priest, Father Francis Janishek, 200 families accepted Spencer's invitation. They planted vineyards and established wineries in the community they named "Budapest." Their success with viticulture attracted other groups from around the country, many of whom established their own vineyards and wineries. Most notable among these were about 200 families of Slovakian origin who established a community called Nitra three miles north of Tallapoosa. The county's population became quite diverse as immigrants from other European regions joined the first groups. Just as the county's vintners began to flourish, however, Georgia passed the Prohibition Act of 1907, effectively ruining the industry and causing many of those in the new communities to leave the county (New Georgia Encyclopedia 2020).

The Subject Property located at located in Haralson County, Buchanan, Georgia (Latitude: 33° 51’ 31.03” Longitude: -85° 07’ 21.82”). The project location is located within a wooded area. The surrounding area shows minimal change to the rural agricultural, commercial, and residential development of the area.

A review of archaeological sites and surveys, conducted through GNAHRGIS by Zach Horne, M.A., RPA on June 12, 2020, identified no previously recorded archeological sites, and no previously recorded archaeological surveys that were identified within 1-mile of the proposed project area.

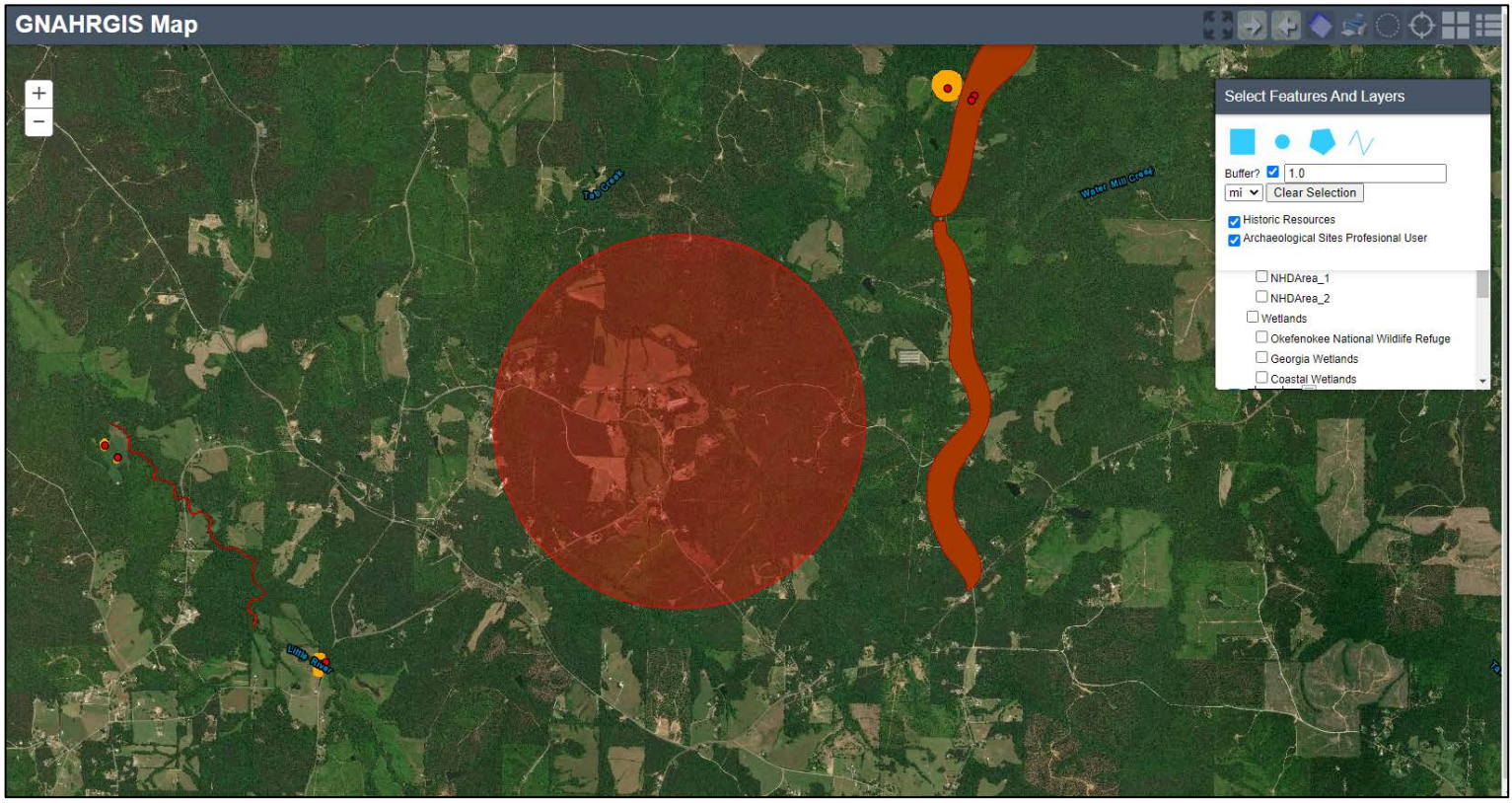


Figure 4: Archaeological Sites and Surveys Within 1-mile of the Project Area (GNAHRGIS 2020).

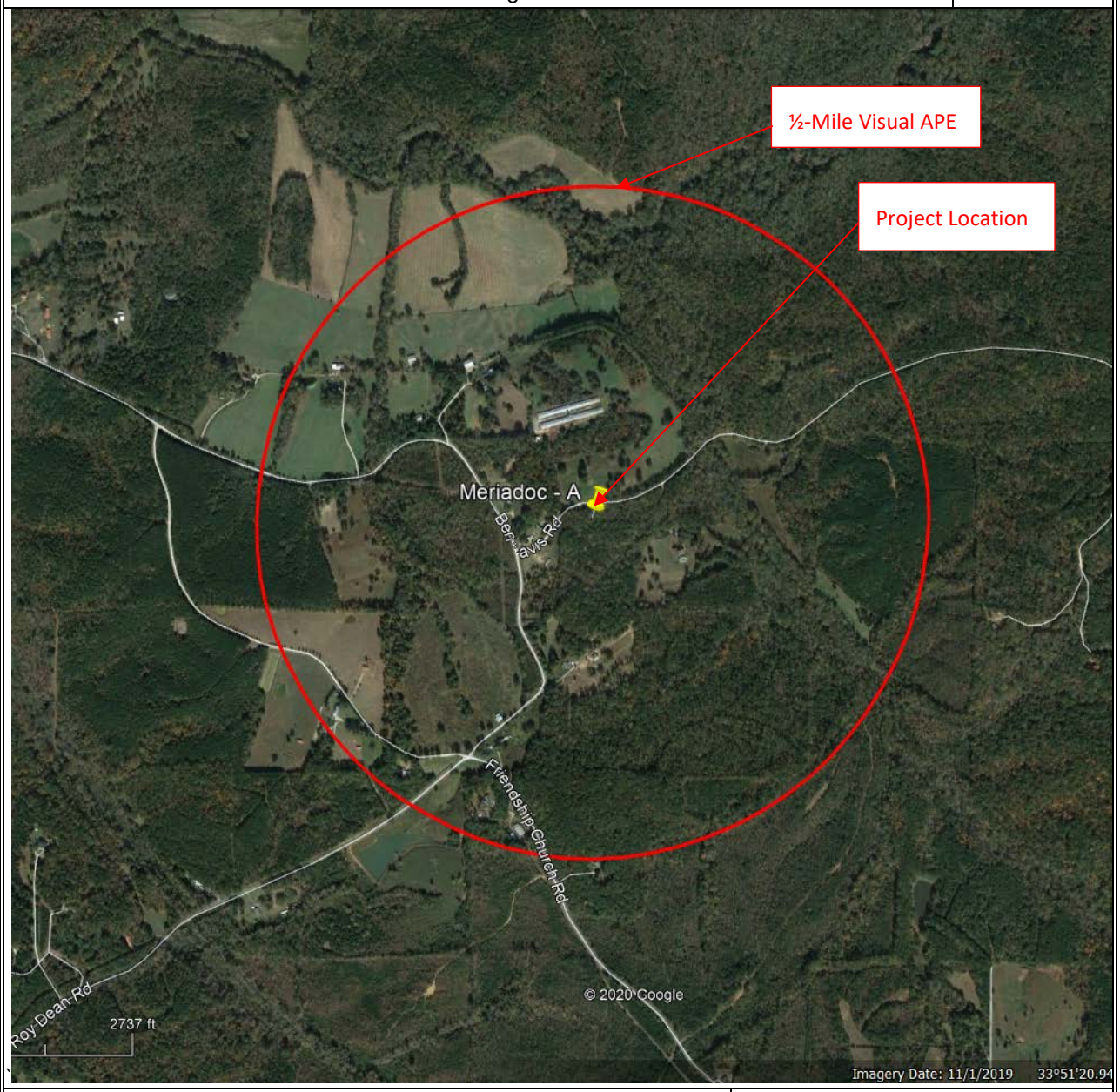
Buchanan Quadrangle, Georgia (2017), & Draketown Quadrangle, Georgia (2017)

Contour Interval = 20 Feet

Scale 1 Inch = ~2,000 Feet

Latitude: 33° 51’ 31.03” N Longitude: 85° 07’ 21.82” W

North



Google Earth – Location Map

Verizon Wireless– Meriadoc - A

Ben Davis Road

Buchanan, Georgia 30113

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Figure 5: General location of proposed cell tower installation, Google Earth Imagery 2019.



Figure 6: Project Area ca. 1958.

3.2 RESEARCH DESIGN

Trileaf designed the Phase I archaeological survey to locate and identify all archaeological resources within the direct APE, defined as the 100 x 100-foot lease area plus a 25-foot buffer, new access and utility easement, and to evaluate the potential significance of any newly identified archaeological sites. A cultural resource is gauged to be significant if it meets at least one of four criteria for eligibility for listing in the NRHP:

A. Associated with significant events in the broad patterns of national history,

B. Associated with the lives of persons significant in our past,

C. Representative of a type, period, or method of construction, or the work of a master,

D. Capable of yielding important information about the past.

Criterion D typically applies to archaeological sites. In order to be capable of yielding important information about the past, generally a site must possess artifacts, soil strata, structural remains, or other cultural features that make it possible to test historical hypotheses, corroborate and amplify currently available information, or reconstruct the sequence of the local archaeological record. To be considered significant, archaeological sites must demonstrate sufficient integrity to answer important research questions. These questions are developed in association with temporally, regionally, and thematically defined historic contexts or study units (United States Department of the Interior 1981).

3.3 PREDICTIVE MODELING

In general, most site location models include distance to a permanent water source as a major factor in determining the existence of archaeological sites and also the density of such sites. There is a higher probability of encountering prehistoric archaeological sites the closer one is to a source of fresh water with the distances varying depending on topography and difficulty of access. As a result, there are a greater number of prehistoric sites located near streams and natural freshwater lakes. Due to the historic ability of excavating wells, historic period sites, in rural areas, can be found equally distributed across the uplands as well as within valleys. Based on the topography of the project area, historic aerial photographs, distance to a permanent water source, and taking into consideration current land use and recent agricultural, and rural residential development in the area, we believe there is a low probability for encountering undisturbed archaeological artifacts or features within the proposed project's APE for direct effects.

SECTION 4.0 – FIELD METHODS AND RESULTS

4.1 ARCHAEOLOGY

The field investigation at this location was conducted by Trileaf Assistant Archaeology Project Manager Zach Horne, M.A., RPA on June 15, 2020. Standard archaeological field equipment included shovels, trowels, and a quarter-inch wire mesh sifting screen. The field survey techniques utilized were a combination pedestrian and visual survey at 5-meter intervals and/or shovel-testing at 15-meter intervals, with a standard shovel test unit consisting of a hand-excavated hole, approximately 40 cm in diameter and/or deep enough to reach culturally sterile subsoils. As surface visibility in most areas of the project were obscured with vegetation, the majority of the project area was surveyed using pedestrian and visual survey, including a shovel testing strategy. Trileaf initially determined, based on dimensions of the project area, that five (5) shovel tests within the proposed approximate 100 x 100-foot (30.5 x 30.5 meter) cell tower lease area, and three (3) shovel tests within the proposed approximate 30 x 150-foot (9.1 x 45.7 meter) access and utility easement would be an adequate representative sampling of the project area. Due to a high degree of slope located within the proposed access and utility easement, no shovel tests could be completed within this area. Due to a high degree of slope located within the proposed lease area, only one (1) shovel test could be completed within this area. Soils within the project area generally consisted of a brown (10YR 4/3) gravelly fine sandy loam matrix, mottled with brown (7.5YR 4/4) gravelly fine sandy loam.

No prehistoric archaeological materials were recovered as a result of this investigation. In the event of artifact recovery, all cultural materials recovered would have been delivered to Trileaf Corporation's laboratory in Marietta, Georgia for processing. Here, materials are sorted by provenience, cleaned, and analyzed. All project records, photographs, and maps produced while conducting the investigation are housed for curation at Trileaf Corporation's laboratory in Marietta, Georgia, and all cultural material recovered from the investigation are returned to the landowner upon project completion.
Total archaeological field time: 1 person-hour.

STP No.	STP Location	Depth (cm below surface)	Soil Description	Artifacts Recovered	Latitude/Longitude
1	Tower Center	A: 0-10	Brown (10YR 4/3) gravelly fine sandy loam, mottled with brown (7.5YR 4/4) gravelly fine sandy loam	None/abundant natural gravels throughout	33°51'31.03" N 85°07'21.82" W

Table 1: Shovel Test Pit Descriptions.

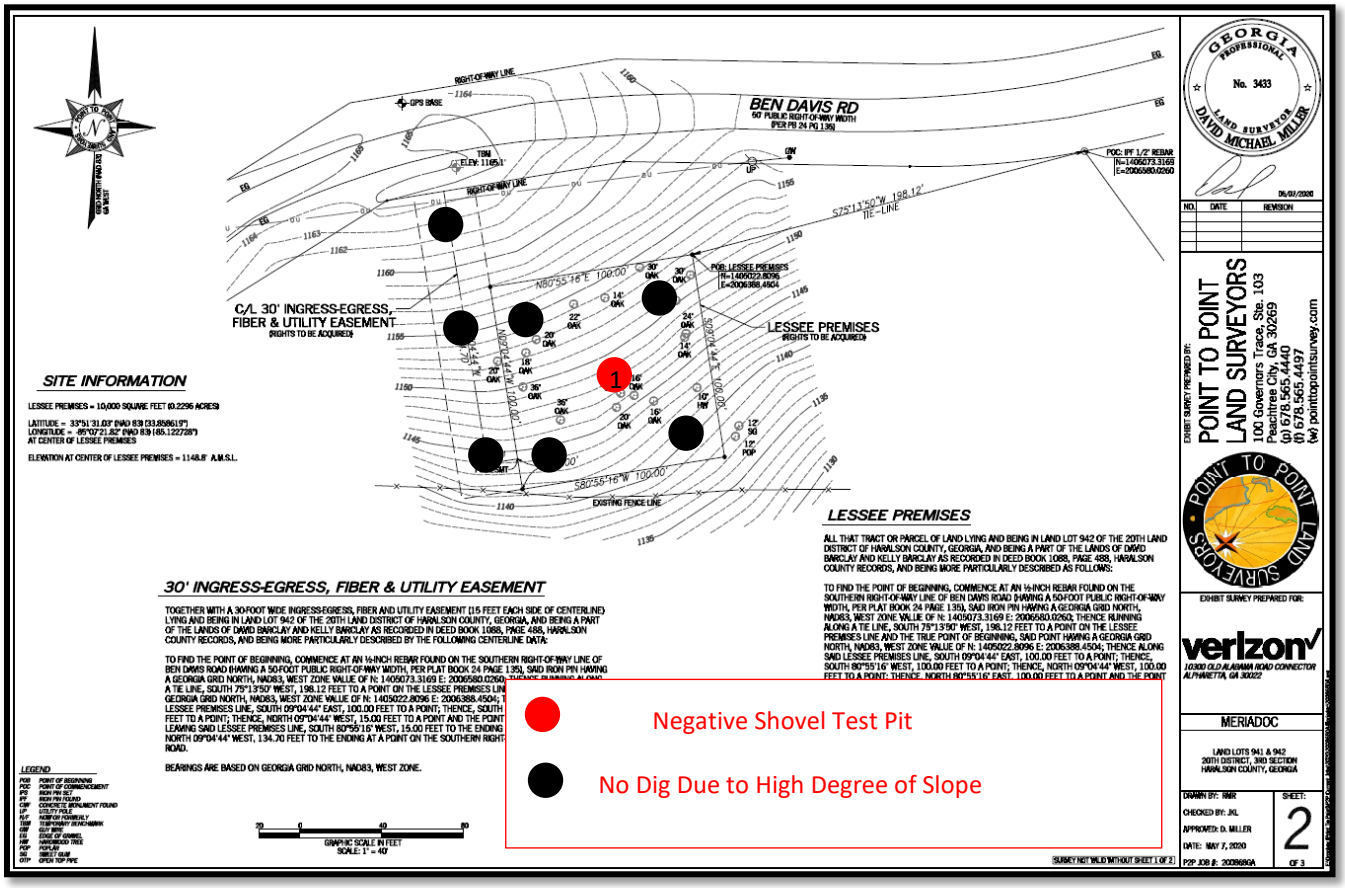


Figure 7: Archaeological Shovel Test Map.

4.2 ARCHITECTURE

As noted above, based on a map and survey form search using the resources of the Georgia State Historic Preservation Office GNAHRGIS GIS platform, as well as the resources of the National Register of Historic Places (NRHP) conducted by Zach Horne, Assistant Archaeology Project Manager of the Trileaf Corporation, on June 12, 2020, identified no NRHP-listed or NRHP-eligible historical resources located within the ½-mile APE for visual effects. In a letter dated June 15, 2020 form Senior Planner Kevin McAuliff of the Northwest Georgia Regional Commission stated the Haralson County Tax Assessor's website identified six (6) historical properties (623 Roy Dean Road, 575 Roy Dean Road, 20 Maple Ridge Lane, 701 Friendship Church Road, 66 Maple Ridge Lane, 565 Roy Dean Road) with no prior determination of eligibility, but were included for inclusivity.

RESOURCE ID	HISTORIC PROPERTY NAME AND ADDRESS	RESOURCE STATUS	EFFECT DETERMINATION
623 Roy Dean Road	623 Roy Dean Road, Buchanan, GA	No Prior Determination	No Effect
575 Roy Dean Road	575 Roy Dean Road, Buchanan, GA	No Prior Determination	No Effect
20 Maple Ridge Lane	20 Maple Ridge Lane, Buchanan, GA	No Prior Determination	No Effect
701 Friendship Church Road	701 Friendship Church Road, Buchanan, GA	No Prior Determination	No Effect

66 Maple Ridge Lane	66 Maple Ridge Lane, Buchanan, GA	No Prior Determination	No Effect
565 Roy Dean Road	565 Roy Dean Road, Buchanan, GA	No Prior Determination	No Effect

Table 2: Architectural Resources located within ½-mile APE for Visual Effects.

SECTION 5.0 – CONCLUSIONS AND RECOMMENDATIONS

5.1 CONCLUSIONS

The field survey of the project area, which included a pedestrian survey, shovel testing, and visual inspection, found no evidence for the presence of an archaeological site in relation to the current project area or within a 25-foot (8.3 meter) boundary within the Direct APE.

Field investigations were preceded by a period of archival research to determine what, if anything, could be predictively said per prehistoric or historic archaeological and/or architectural sensitivities prior to the onset of fieldwork. Pre-field archival research was conducted utilizing resources of the Georgia State Historic Preservation Office GNAHRGIS GIS platform, inspections of the Georgia Archaeological Site Files (GASF 2020), as well as the resources of the National Register of Historic Places (NRHP) conducted by Zach Horne, Assistant Archaeology Project Manager of the Trileaf Corporation, on June 12, 2020 identified no NRHP-listed or NRHP-eligible historical resources located within the ½-mile APE for visual effects. In a letter dated June 15, 2020 form Senior Planner Kevin McAuliff of the Northwest Georgia Regional Commission stated the Haralson County Tax Assessor's website identified six (6) historical properties (623 Roy Dean Road, 575 Roy Dean Road, 20 Maple Ridge Lane, 701 Friendship Church Road, 66 Maple Ridge Lane, 565 Roy Dean Road) with no prior determination of eligibility, but were included for inclusivity. A review of archaeological sites and surveys, conducted through GNAHRGIS by Zach Horne, M.A., RPA on June 12, 2020, identified no previously recorded archeological sites, and no previously recorded archaeological surveys that were identified within 1-mile of the proposed project area. Based on these findings, Trileaf recommends ***No Historic Properties within the Direct APE*** and ***No Historic Properties within the ½-mile Visual APE***.

Additionally, the National Park Service National Historic Trails Interactive GIS map was also reviewed. The Trail of Tears is recognized by the National Park Service as a National Historic Trail, which carries the same significance as being listed in the NRHP, and is therefore considered a Historic Property. No known portion of the Trail of Tears intersects with the project or is located within the ½-mile radius Visual APE.

5.2 RECOMMENDATIONS

Based on these findings, Trileaf recommends ***No Historic Properties* with*in the Direct APE and No Historic Properties within the ½-mile Visual APE***. It is therefore recommended that project clearance be granted with no further investigation or evaluation of the project area relative to those resources. However, in the unlikely event that human remains are uncovered through the course of construction, work is to immediately cease and proper area authorities notified.

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APPENDIX 1

SITE PHOTOGRAPHS



Site Photograph 1 – Looking north at the Project Location.



Site Photograph 2 – Looking east at the Project Location.



Site Photograph 3 – Looking south at the Project Location.



Site Photograph 4 – Looking west at the Project Location.



Site Photograph 5 – Looking north away from the Project Location.



Site Photograph 6 – Looking east away from the Project Location.



Site Photograph 7 – Looking south away from the Project Location.



Site Photograph 8 – Looking west away from the Project Location.



Site Photograph 9 – Looking north at the access and utility easement.



Site Photograph 10 – Looking south at the access and utility easement.



Site Photograph 11 – Shovel Test Pit 1 profile.



Site Photograph 12 – Shovel Test Pit 1 depth.

APPENDIX 2

RESUMES

TRILEAF™

PROFESSIONAL RESUME

CORI ELISE RICH

ARCHAEOLOGY PROJECT MANAGER II

Education

M.S. Historical Archaeology
Illinois State University / Normal, IL

B.A. Anthropology
Adams State University / Alamosa, CO

Areas of Expertise

Ms. Rich is a Secretary of the Interior (SOI) qualified archaeologist and is a member of the Register of Professional Archaeologists (RPA). Ms. Rich specializes in managing and performing Phase I, II, and III historical and prehistoric archaeological investigation review and assessment.

Ms. Rich has interest and experience in cultural resource management interpretation and implementation, and has a background in archaeology preservation, providing critical experience and knowledge in archaeological preservation considerations.

Ms. Rich has extensive experience in both field and laboratory settings. Ms. Rich's field experience includes performing, under Section 106, background research, historical research, archaeological field survey, testing, and data recovery efforts, and report writing for sites throughout the Midwest, Pacific Northwest, Northeast, and Southeast. Ms. Rich's laboratory experience includes training and managing groups of veterans as they curated federally-owned archaeological and archival collections, with the goal of boosting basic transferable employment skills, applicable to the civilian workforce, as well as managing and processing artifact and archival collections per National Historic Preservation Act regulations. Ms. Rich also has experience communicating scientific research in professional environments, university classrooms, and at national conferences.

Environmental Due Diligence Experience

Ms. Rich has experience performing site inspections and conducting environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM).

Environmental service expertise includes the preparation and/or review of:

Phase I Environmental Site Assessments
Asbestos Inspections
Field Reconnaissance
Historical Topographic Maps and Aerial Imagery
Land Use History

Selected Presentations

Hey Girl, I See You: Identifying Women Within Household Assemblages - Society for Historical Archaeology Conference, Fort Worth, Texas, January 2017
Putting Archaeology to Work in a Me Generation - Three Rivers Archaeology Meeting, St. Louis, April 2016
Historical Archaeology at Work: Rehabilitation Our Past and Present to Secure Our Future - Society for Historic Archaeology Conference, Washington, D.C, January 2016
Identifying the visible: A Look at How Economic Class and Ethnicity Influence Women's Visibility within a Household - Society for Historic Archaeology Conference, Seattle, Washington, January 2015
Small Things Remembered: A Look at Identity in the Nolichucky Valley Through Beads and other Small Items - Cherokee, North Carolina, August 2013

Additional Information and Professional Memberships

American Cultural Resources Association (ACRA), member since 2019
American Anthropological Association (AAA), member since 2018
Register of Professional Archaeologists (RPA), member since 2014
Society for Historical Archaeology (SHA), member since 2011
Conducted public outreach and presented archaeological findings to Cherokee Tribal Elders and community members in Cherokee, North Carolina
Participated in identifying and documenting historic petroglyphs as part of a public outreach project in Stone Mountain, Georgia
Professional interests include Public Outreach, Public Archaeology, Preservation, Curation, Archives, Cultural Heritage, Historical Research, Museum Collections, and Museum Exhibit Construction.

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PROFESSIONAL RESUME

ZACH HORNE, M.A., RPA

ASSISTANT PROJECT MANAGER

Education

M.A. Anthropology
Georgia State University / Atlanta, GA

B.S. Anthropology
Kennesaw State University / Kennesaw, GA

Areas of Expertise

Mr. Horne is a Secretary of the Interior (SOI) qualified archaeologist and is a member of the Register of Professional Archaeologists (RPA). Mr. Horne specializes in managing and performing Phase I, II, and III historical and prehistoric archaeological investigation review and assessment.

Mr. Horne has interest and experience in conducting archaeological, environmental, and historical research for site assessments for the Section 106 Review process. Mr. Horne has a background in prehistoric North and Central American archaeology with an emphasis on prehistoric ceramic and lithic artifact analysis and preservation in the Mid-Atlantic, Midwest, and Southeast regions of the United States.

Mr. Horne has extensive experience in both field and laboratory settings. Mr. Horne's field experience includes performing, under Section 106, background research, historical research, archaeological field survey, testing, and data recovery efforts, and report writing for sites throughout the Mid-Atlantic, Midwest, Northwest, West, and Southeast in 26 states. Mr. Horne's laboratory experience includes managing undergraduate student artifact analysis and interpretation in a university setting, as well as the analysis and processing of artifact collections for the US Forest Service and the Ceramoteca del Centro INAH, Yucatan, Mexico.

Environmental Due Diligence Experience

Mr. Horne has experience performing site inspections and conducting environmental due diligence pursuant to EPA All Appropriate Inquiries (AAI) and the American Society of Testing and Materials (ASTM).

Environmental service expertise includes the preparation and/or review of:

Phase I Environmental Site Assessments
National Wetlands Inventory Maps
Field Reconnaissance
Historical Topographic Maps and Aerial Imagery
Land Use History
Flood Insurance Rate Maps

NEPA Environmental Assessments
Form 620/621 Submittals
Critical Habitat Maps
Soil Characterization
Archaeological and Architectural Impacts
Local Government Consultation

Additional Information and Professional Memberships

Register of Professional Archaeologists (RPA), member since 2014
Society for Georgia Archaeology, member since 2014
Professional interests include Public Outreach, Public Archaeology, Preservation, Curation, Archives, Cultural Heritage, and Historical Research.

Approved by OMB
3060-1039
See instructions for
Public burden estimates

Attachment 6. Tribal and NHO Involvement

At an early stage in the planning process, the Nationwide Agreement requires the Applicant to gather information from appropriate Indian Tribes or Native Hawaiian Organizations ("NHOs") to assist in the identification of Historic Properties of religious and cultural significance to them. Describe measures taken to identify Indian tribes and NHOs that may attach religious and cultural significance to Historic Properties that may be affected by the construction within the Areas of Potential Effects ("APE") for direct and visual effects. If such Indian tribes or NHOs were identified, list them and provide a summary of contacts by either the FCC, the Applicant, or the Applicant's representative. Provide copies of relevant documents, including correspondence. If no such Indian tribes or NHOs were identified, please explain.

Trileaf Corporation completed the Tower Construction Notification System (TCNS) on June 15, 2020 and received the notification of interested tribes on June 19, 2020. The attached FCC Notification email lists the Tribes identified through the TCNS process. A second notice will be sent to all interested tribes/organizations, after a period of 30 days and the consultation process will continue per the FCC's guidelines. Any relevant comments from Tribes received by Trileaf will be forwarded to your office.

From:	towernotifyinfo@fcc.gov
To:	tribal
Cc:	tcnsweekly@fcc.gov
Subject:	NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #7081094
Date:	Friday, June 19, 2020 2:10:16 AM

Dear Applicant:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the notification that you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. Historic Preservation Officer Bryant J Celestine - Alabama-Coushatta Tribe of Texas - 571 State Park Road 56 Livingston, TX - Celestine.bryant@actribe.org - 936-563-1181 - electronic mail

2. THPO Linda P Langley - Coushatta Indian Tribe - (PO Box: 10) Elton, LA - llangley@coushattatribela.org - 337-584-1560 - electronic mail

3. Compliance Review Supervisor THPO Compliance - Seminole Tribe of Florida - 30290 Josie Billie Hwy PMB 1004 Clewiston, FL - THPOcompliance@semtribe.com - 863-983-6549 (ext: 12245) - electronic mail

4. Tribal Administrator David Cook - Kialegee Tribal Town - (PO Box: 332) Wetumka, OK - david.cook@kialegeetribe.net; jeremiah.hobia@kialegeetribe.net - 405-452-3262 (ext: 15) - electronic mail and regular mail

5. Historic Preservation Officer Brigita Leader - Seminole Nation of Oklahoma - (PO Box: 1498) Wewoka, OK - tcns-sno@sno-nsn.gov - 405-234-5218 - electronic mail
Exclusions: Please send all inquiries to email address: tcns-sno@sno-nsn.gov

If the applicant/tower builder receives no response from the Seminole Nation of Oklahoma within 30 days after notification through TCNS, the Seminole Nation of Oklahoma has no interest in participating in pre-construction review for the proposed site. The

Applicant/tower builder,
however, must immediately notify the Seminole Nation of Oklahoma in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. Gwen Terrapin - Cherokee Nation - (PO Box: 948) Tahlequah, OK - historicpreservation@cherokee.org; gwen-terrapin@cherokee.org - 918-772-4165 - electronic mail
Exclusions: Please email all review documents for FCC Form 620/621 (i.e. archeologist report, photos, SHPO response, etc.) to historicpreservation@cherokee.org or gwen-terrapin@cherokee.org. You may also mail a cover letter and a CD or flash drive containing the review documents and FCC forms to: Cherokee Nation: Attn: Gwen Terrapin, PO Box 948, Tahlequah, OK 74465. Should you have any questions, please do not hesitate to email or call 918.772.4165.

Wado,
Cherokee Nation

7. TCNS Coordinator Anne Edwards-Martel Ms - Muscogee (Creek) Nation - Highway 75 & Loop 56 (PO Box: 580) Okmulgee, OK - mcntcns@mcn-nsn.gov; section106@mcn-nsn.gov - 918-732-7639 - regular mail

8. Cell Tower Coordinator Kelly Nelson - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road Wyandotte, OK - celltower@estoo.net - 918-666-2435 (ext: 1861) - regular mail
Exclusions: DO NOT EMAIL DOCUMENTATION; it will be deleted without being opened.
Submit one printed color copy by US postal mail or other parcel carrier of all documentation to:

Eastern Shawnee Tribe
Attn: CellTower Program
70500 E. 128 Rd.
Wyandotte, OK 74370

Provide a 1-page cover letter with the following information:
a. TCNS Number
b. Company Name
c. Project Name, City, County, State
d. Project type
e. Project coordinates
f. Contact information

The Eastern Shawnee Procedures document is available and highly recommended for guidance; send an email to celltower@estoo.net requesting our most current copy.

9. Assistant Janice Lowe - Alabama Quassarte Tribal Town - (PO Box: 187) Wetumka, OK - jlowe@alabama-quassarte.org; srobison@alabama-quassarte.org - 405-452-3881 (ext: 103) - electronic mail
Exclusions: The Alabama Quassarte Tribal Town is unaware of any cultural or sacred sites located within the immediate project area. The AQTT's Historic Preservation Department concurs that there should be no adverse effect to any known historic properties and that work should proceed as planned. However, as the project is located in an area that is general historic interest to the Tribe, we request that work be stopped and our office contacted immediately if any Native American cultural materials or human remains are encountered.

If you have any questions, please contact our office at the number below.

Respectfully,

Janice Lowe, TCNS/106 Assistant
Alabama Quassarte Tribal Town

P.O. Box 187
Wetumka,Ok 74883
(P) 405-452-3881
(F) 405-452-3889

10. Mekko Ryan Morrow - Thlopthlocco Tribal Town - P.O. Box 188 Okemah, OK - thpo@tttown.org - 000-000-0000 - electronic mail
Exclusions: Thlopthlocco Tribal Town requests that all initial review materials required by applicable law be submitted by email directly to thpo@tttown.org. In addition, in the event archeological or cultural materials or human remains are discovered at any time during this undertaking, please notify Thlopthlocco Tribal Town immediately.

11. Cell t Kim Jumper - Shawnee Tribe - 29 South 69A Highway Miami, OK - tcns@shawnee-tribe.com - 918-542-2441 - electronic mail

12. THPO Larry Haikey - Poarch Band of Creek Indians - 5811 Jack Springs Road Atmore, AL - lhaikey@pci-nsn.gov - 251-368-9136 (ext: 2072) - electronic mail and regular mail

If the applicant/tower builder receives no response from the Poarch Band of Creek Indians within 30 days after notification through TCNS, the Poarch Band of Creek Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Poarch Band of Creek Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

The notification that you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA unless the project is excluded from SHPO review under Section III D or E of the NPA.

13. SHPO Lee Warner - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - lwarner@mail.preserveala.org - 334-242-3184 - electronic mail

14. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - ebrown@mail.preserveala.org - 334-242-3185 - electronic mail

15. Environmental Review Coordinator Renee GledhillEarley - NC State Historic Preservation Office - 4617 Mail Service Center Raleigh, NC - renee.gledhill-earley@ncmail.net - 919-733-4763 - electronic mail

16. Deputy SHPO David Brook - Historic Preservation Office - 4610 Mail Service Center Raleigh, NC - david.brook@ncmail.net - 919-807-7283 - electronic mail

17. Program Manager Jennifer Dixon - Georgia Historic Preservation Division - 2610 Georgia Highway 155 SW Stockbridge, GA - jennifer.dixon@dnr.ga.us - 770-389-7851 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 06/15/2020
Notification ID: 211331
Excluded from SHPO Review: No
Tower Owner Individual or Entity Name: Verizon Wireless
Consultant Name: Mindi L Okai
Street Address: 10845 Olive Blvd.
Suite 260
City: St. Louis
State: MISSOURI
Zip Code: 63141
Phone: 314-997-6111
Email: tribal@trileaf.com

Structure Type: MTOWER - Monopole
Latitude: 33 deg 51 min 31.0 sec N
Longitude: 85 deg 7 min 21.8 sec W
Location Description: 1011 Ben Davis Road
City: Buchanan
State: GEORGIA
County: HARALSON
Detailed Description of Project: Verizon Wireless proposes to construct a 161-foot monopole communications tower and associated equipment within a 100-foot by 100-foot (10,000 square-foot) lease area.
Ground Elevation: 350.2 meters
Support Structure: 46.0 meters above ground level
Overall Structure: 49.1 meters above ground level
Overall Height AMSL: 399.3 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic Help Request form located on the FCC's website at:

https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fwww.fcc.gov%2fwireless%2favailable-support-services&c=E,1,QAV7l28apwXEN-PQoW8JdA1UvKrHdyEcUHKTbfdgUebtm_XITpRFvPI9_6vLccnGJpGD6443Q84hdRJMpZRmnhiIm1XlFxqRY6tyl0rTDOJH3Iw,&typo=1

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

Approved by OMB
3060-1039
See instructions for
Public burden estimates

Attachment 7. Historic Properties Direct Effects

a. List all properties within the APE for direct effects.

N/A

b. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for direct effects, not listed in part "a" (above), that the Applicant considers to be eligible for listing in the National Register as a result of the Applicant's research. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63). For each property that was specifically considered and determined not to be eligible, describe why it does not satisfy the criteria of eligibility.

There are no additional properties in the APE for direct effects not listed in part "a."

Approved by OMB
3060-1039
See instructions for
Public burden estimates

Attachment 7. Continued

c. Describe the techniques and the methodology, including any field survey, used to identify Historic Properties within the APE for direct effects.[1] If no archeological field survey was performed, provide a report substantiating that: i) the depth of previous disturbance exceeds the proposed construction depth (excluding footings and other anchoring mechanisms) by at least 2 feet; or, ii) geomorphological evidence indicates that cultural resource-bearing soils do not occur within the project area or may occur but at depths that exceed 2 feet below the proposed construction depth.[2]

The field investigation at this location was conducted by Trileaf Assistant Archaeology Project Manager Zach Horne, M.A., RPA on June 15, 2020. Standard archaeological field equipment included shovels, trowels, and a quarter-inch wire mesh sifting screen. The field survey techniques utilized were a combination pedestrian and visual survey at 5-meter intervals and/or shovel-testing at 15-meter intervals, with a standard shovel test unit consisting of a hand-excavated hole, approximately 40 cm in diameter and/or deep enough to reach culturally sterile subsoils. As surface visibility in most areas of the project were obscured with vegetation, the majority of the project area was surveyed using pedestrian and visual survey, including a shovel testing strategy. Trileaf initially determined, based on dimensions of the project area, that five (5) shovel tests within the proposed approximate 100 x 100-foot (30.5 x 30.5 meter) cell tower lease area, and three (3) shovel tests within the proposed approximate 30 x 150-foot (9.1 x 45.7 meter) access and utility easement would be an adequate representative sampling of the project area. Due to a high degree of slope located within the proposed access and utility easement, no shovel tests could be completed within this area. Due to a high degree of slope located within the proposed lease area, only one (1) shovel test could be completed within this area. Soils within the project area generally consisted of a brown (10YR 4/3) gravelly fine sandy loam matrix, mottled with brown (7.5YR 4/4) gravelly fine sandy loam.

No prehistoric archaeological materials were recovered as a result of this investigation. In the event of artifact recovery, all cultural materials recovered would have been delivered to Trileaf Corporation's laboratory in Marietta, Georgia for processing. Here, materials are sorted by provenience, cleaned, and analyzed. All project records, photographs, and maps produced while conducting the investigation are housed for curation at Trileaf Corporation's laboratory in Marietta, Georgia, and all cultural material recovered from the investigation are returned to the landowner upon project completion.
Total archaeological field time: 1 person-hour.

[1] Pursuant to Section VI.D.2.a. of the Nationwide Agreement, Applicants shall make a reasonable and good faith effort to identify above ground and archeological Historic Properties, including buildings, structures, and historic districts, that lie within the APE for direct effects. Such reasonable and good faith efforts may include a field survey where appropriate.

[2] Under Section VI.D.2.d. of the Nationwide Agreement, an archeological field survey is required even if none of these conditions applies, if an Indian tribe or NHO provides evidence that supports a high probability of the presence of intact archeological Historic Properties within the APE for direct effects.

Approved by OMB
3060-1039
See instructions for
Public burden estimates

Attachment 8. Historic Properties Visual Effects

Historic Properties Identified for Visual Effects Guidelines

a. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for visual effects that is listed in the National Register, has been formally determined eligible for listing by the Keeper of the National Register, or is identified as considered eligible for listing in the records of the SHPO/THPO, pursuant to Section VI.D.I.a. of the Nationwide Agreement.

As noted above, based on a map and survey form search using the resources of the Georgia State Historic Preservation Office GNAHRGIS GIS platform, as well as the resources of the National Register of Historic Places (NRHP) conducted by Zach Horne, Assistant Archaeology Project Manager of the Trileaf Corporation, on June 12, 2020 identified no NRHP-listed or NRHP-eligible historical resources located within the ½-mile APE for visual effects. In a letter dated June 15, 2020 form Senior Planner Kevin McAuliff of the Northwest Georgia Regional Commission stated the Haralson County Tax Assessor's website identified six (6) historical properties (623 Roy Dean Road, 575 Roy Dean Road, 20 Maple Ridge Lane, 701 Friendship Church Road, 66 Maple Ridge Lane, 565 Roy Dean Road) with no prior determination of eligibility, but were included for inclusivity.

Based on a review of the historic resources, a recommendation of ***No Historic Properties within the APE for Direct Effects*** is recommended. Subsurface archaeological resources are unlikely. It is therefore recommended that project clearance be granted with no further investigation or evaluation of the project area relative to these resources.

Based on a review of the historic resources, a recommendation of ***No Historic Properties within the ½-Mile APE for Visual Effects*** is recommended. It is therefore recommended that project clearance be granted with no further investigation or evaluation of the project area relative to these resources.

b. Provide the name and address (including U.S. Postal Service ZIP Code) of each Historic Property in the APE for visual effects, not listed in part "a", identified through the comments of Indian Tribes, NHOs, local governments, or members of the public. Identify each individual or group whose comments led to the inclusion of a Historic Property in this attachment. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63).

As of the date of this report, Trileaf Corporation has not received comments from Indian Tribes, NHOs, local governments, or members of the public that identify Historic Properties in the APE for visual effects.

c. For any properties listed in the above Historic Properties list, that the Applicant considers no longer eligible for inclusion in the National Register, explain the basis for this recommendation.

Approved by OMB
3060-1039
See instructions for
Public burden estimates

N/A

RESOURCE ID	HISTORIC PROPERTY NAME AND ADDRESS	RESOURCE STATUS	EFFECT DETERMINATION
623 Roy Dean Road	623 Roy Dean Road, Buchanan, GA	No Prior Determination	No Effect
575 Roy Dean Road	575 Roy Dean Road, Buchanan, GA	No Prior Determination	No Effect
20 Maple Ridge Lane	20 Maple Ridge Lane, Buchanan, GA	No Prior Determination	No Effect
701 Friendship Church Road	701 Friendship Church Road, Buchanan, GA	No Prior Determination	No Effect
66 Maple Ridge Lane	66 Maple Ridge Lane, Buchanan, GA	No Prior Determination	No Effect

565 Roy Dean Road	565 Roy Dean Road, Buchanan, GA	No Prior Determination	No Effect

Table 2: Architectural Resources located within ½-mile APE for Visual Effects.

Approved by OMB
3060-1039
See instructions for
Public burden estimates

Attachment 9. Local Government

a. If any local government has been contacted and invited to become a consulting party pursuant to Section V.A. of the Nationwide Programmatic Agreement, list the local government agencies contacted. Provide a summary of contacts and copies of any relevant documents (e.g., correspondence or notices).

On June 11, 2020, Director Glenda Wade of Haralson County Zoning and Permits Department was notified of the proposed project. The Haralson County Zoning and Permits Department has been invited to comment on the proposed project's potential effect on Historic Properties and to indicate whether they are interested in consulting further on the proposed project. A copy of Trileaf Corporation's correspondence with Haralson County Zoning and Permits Department is attached. As of this date, no response has been received from the Haralson County Zoning and Permits Department. Should a response be received, a copy will be forwarded to all consulting parties as an addendum to this packet.

On June 11, 2020, Senior Planner Kevin McAuliff of the Northwest Georgia Regional Commission was notified of the proposed project. The Northwest Georgia Regional Commission has been invited to comment on the proposed project's potential effect on Historic Properties and to indicate whether they are interested in consulting further on the proposed project. A copy of Trileaf Corporation's correspondence with the Northwest Georgia Regional Commission is attached.

In a letter dated June 15, 2020 from Senior Planner Kevin McAuliff of the Northwest Georgia Regional Commission stated the Haralson County Tax Assessor's website identified six (6) historical properties (623 Roy Dean Road, 575 Roy Dean Road, 20 Maple Ridge Lane, 701 Friendship Church Road, 66 Maple Ridge Lane, 565 Roy Dean Road), and that the dates of the properties in no way reflects on the historic integrity of the resources, whether affirmatively or negatively, but merely suggest the presence of potentially historic resources.

b. If a local government agency will be contacted but has not been to date, explain why and when such contact will take place.

N/A

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June 11, 2020

Haralson County Zoning & Permits Department
Attn: Ms. Glenda Wade – Director
155 Van Wert Street
Buchanan, Georgia 30113
Phone: (770) 646-2033

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W

Dear Ms. Wade:

Trileaf Corporation is in the process of completing a NEPA review at the referenced property. Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area. The antenna will be licensed by the Federal Communications Commission (FCC).

Our investigation includes determining if the site is contained in, on or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archaeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places, or located in or on an Indian Religious Site.

Trileaf is requesting information regarding this tower's potential effect on Historic Properties. All information received will be forwarded to the State Historic Preservation Office (SHPO) as part of the Section 106 review process. *Additionally, this invitation to comment is separate from any local planning/zoning process that may apply to this project*.

If you wish to comment or be considered a consulting party, please respond within thirty (30) days of the date of this letter. If a response is not received within thirty (30) days, it will be assumed that you have no objections to this undertaking. A site topography map and aerial photograph are enclosed for your reference.

Please call me at (678) 653-8673 ext. 657 or email m.rasmussen@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Morgan Rasmussen

Morgan Rasmussen
Project Scientist

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June 11, 2020

Northwest Georgia Regional Commission
Attn: Mr. Kevin McAuliff
P.O. Box 1798
Rome, Georgia 30162-1798
Phone: (706) 295-6485
Email: kmcauliff@nwgrc.org

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W

Dear Mr. McAuliff:

Trileaf Corporation is in the process of completing a NEPA review at the referenced property. Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area. The antenna will be licensed by the Federal Communications Commission (FCC).

Our investigation includes determining if the site is contained in, on or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archaeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places, or located in or on an Indian Religious Site.

Trileaf is requesting information regarding this tower's potential effect on Historic Properties. All information received will be forwarded to the State Historic Preservation Office (SHPO) as part of the Section 106 review process. *Additionally, this invitation to comment is separate from any local planning/zoning process that may apply to this project*.

If you wish to comment or be considered a consulting party, please respond within thirty (30) days of the date of this letter. If a response is not received within thirty (30) days, it will be assumed that you have no objections to this undertaking. A site topography map and aerial photograph are enclosed for your reference.

Please call me at (678) 653-8673 ext. 657 or email m.rasmussen@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Morgan Rasmussen

Morgan Rasmussen
Project Scientist

NWGRC
NORTHWEST GEORGIA REGIONAL COMMISSION
A Region With A Bright Future

Rome Office: P.O. Box 1798, Rome, Georgia 30162-1798 Phone (706) 295-6485 www.nwgrc.org
RC Fax (706) 295-6665 AAA Fax (706) 802-5508 WIA Fax (706) 802-5567
Dalton Office: 503 West Waugh Street, Dalton, Georgia 30720 Phone (706) 272-2300 Fax (706) 272-2253

June 15, 2020

Morgan Rasmussen
Trileaf Environmental – Architecture – Engineering
1395 South Marietta Parkway, Building 400
Suite 209
Marietta, GA 30067

RE: Trileaf Project #667545

Dear Ms. Rasmussen:

Please be advised that Northwest Georgia Regional Commission staff has received notification of a NEPA Review process for a proposed 151-foot communications tower on Ben Davis Rd near Buchanan, Haralson County, GA.

A check of Georgia's Natural, Archaeological, and Historic Resources GIS (NAHRGIS)website appears to show no potentially historic resource in the APE. However, the data for the vicinity may not have been yet loaded.

A visit to the Haralson County Tax Assessor's website does suggest a low density of potentially historic resources. A random sampling of properties within the APE yielded the following information: 623 Roy Dean Road, constr. 1958; 575 Roy Dean Road, constr. 1950; 20 Maple Ridge Lane, constr. 1940; 701 Friendship Church Road, constr. 1940; 66 Maple Ridge Lane, constr. 1970; and 565 Roy Dean Road, constr. 1950. These dates in no way reflect on the historic integrity of these resources, whether affirmatively or negatively, but merely suggest the presence of potentially historic resources.

Thank you for this opportunity to comment.

Sincerely,

Kevin McAuliff

Kevin McAuliff
Senior Planner

Approved by OMB
3060-1039
See instructions for
Public burden estimates

Attachment 10. Other Consulting Parties and Public Notice

List additional consulting parties that were invited to participate by the Applicant, or independently requested to participate. Provide any relevant correspondence or other documents.

On June 11, 2020, the Haralson County Historical Society was notified of the proposed project. The Haralson County Historical Society has been invited to comment on the proposed project's potential effect on Historic Properties and to indicate whether they are interested in consulting further on the proposed project. A copy of Trileaf Corporation's correspondence with the Haralson County Historical Society is attached. As of this date, no response has been received from the Haralson County Historical Society Should a response be received, a copy will be forwarded to all consulting parties as an addendum to this packet.

You are required to provide a Public Notice Attachment.

Attached, please find a copy of a legal notice regarding the proposed telecommunications tower construction that was posted in the *Gateway-Beacon* on June 25, 2020. As of the date of this submission packet, Trileaf Corporation has received no comments regarding this notice. Should a response be received, copies will be forwarded to all consulting parties as an addendum to this submission packet.

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June 11, 2020

Haralson County Historical Society
P.O. Box 585
Buchanan, GA 30113
Phone: (770) 646-3369
Email: haralsoncountyhistory@gmail.com

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W

To Whom It May Concern:

Trileaf Corporation is in the process of completing a NEPA review at the referenced property. Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area. The antenna will be licensed by the Federal Communications Commission (FCC).

Our investigation includes determining if the site is contained in, on or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archaeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places, or located in or on an Indian Religious Site.

Trileaf is requesting information regarding this tower's potential effect on Historic Properties. All information received will be forwarded to the State Historic Preservation Office (SHPO) as part of the Section 106 review process. *Additionally, this invitation to comment is separate from any local planning/zoning process that may apply to this project*.

If you wish to comment or be considered a consulting party, please respond within thirty (30) days of the date of this letter. If a response is not received within thirty (30) days, it will be assumed that you have no objections to this undertaking. A site topography map and aerial photograph are enclosed for your reference.

Please call me at (678) 653-8673 ext. 657 or email m.rasmussen@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Morgan Rasmussen

Morgan Rasmussen
Project Scientist

AFFP
CELCO-VERIZON BEN DAVIS RD

Affidavit of Publication

STATE OF GEORGIA }
COUNTY OF HARALSON } SS

Rachael Raney, being duly sworn, says:

That she is the publisher of the Haralson Gateway Beacon, a weekly newspaper of general circulation, printed and published in Bremen, Haralson County, Georgia; that the publication, a copy of which is attached hereto, was published in the said newspaper on the

June 25, 2020

Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) proposes to build a 161-foot monopole communications tower at the approx. vicinity of Ben Davis Road, Buchanan, Haralson County, GA 30113. Public comments regarding potential effects from this site on historic properties may be submitted within 30 days from the date of this publication to: Trileaf Corp, Morgan Rasmussen, m.rasmussen@trileaf.com, 1395 S. Marietta Pkwy, Building 400, Suite 209, Marietta, GA 30067; 678-653-8673 ext. 657

Vicki Sharpton
NOTARY PUBLIC
Carroll County, GEORGIA
My Commission Expires
September 25, 2020

Publisher's Fee: $ 20.00

That said newspaper was regularly issued and circulated on those dates.

SIGNED:

Subscribed to and sworn to me this 25th day of June 2020.

Vicki Sharpton

Notary Public, Carroll County, Georgia

40092896 40371995

TRILEAF
1395 SOUTH MARIETTA PARKWAY
BUILDING 400, SUITE 209
MARIETTA, GA 30067

Approved by OMB
3060-1039
See instructions for
Public burden estimates

Attachment 11. SHPO Specific Forms

Please see attached.

For Tower Project Consultants:

Please fill out and check off the following form, which will allow HPD to better evaluate and review your tower project (Form 620 or 621). ***Attach this to your project submission packet or cover letter.***

Name and Title: Zach Horne/Assistant Archaeology Project Manager

Company: Trileaf Corporation

Tower Address (include city and county): Ben Davis Road, Buchanan, Haralson County, GA 30113

Date Research was compiled at HPD: June 12, 2020

Please check off that you have researched the project site and APE in the following locations and please note what resources were identified. (HPD recommends attaching your findings from these records, as applicable):

_ GA Archaeological Site File (UGA, Athens)

_ Historic Resources Survey Files (HPD)

__X__ National Register Files (HPD)

__ Identified Site Files (HPD)

__ Centennial Farms Files (HPD)

___ Topical Files (HPD)

___ Environmental Review Files (HPD)

___X___ NAHRGIS (Online)

Signature and Date: Zach Horne June/12/2020

Lauren Schramm

From: Zach Horne
Sent: Wednesday, April 22, 2020 9:48 AM
To: Lauren Schramm
Subject: Fwd: GA HPD Closure

Here you go.

Sent from my iPhone

Begin forwarded message:

> **From:** "Church, Moira" <moira.church@dnr.ga.gov>
> **Date:** April 1, 2020 at 11:13:25 AM EDT
> **To:** Zach Horne <z.horne@trileaf.com>
> **Subject: Re: GA HPD Closure**
>
> Zach,
>
> Unfortunately, as the situation with COVID19 is developing, we are teleworking indefinitely, which means that the research room is closed indefinitely. We've been advising consultants to continue checking NRHP listings and GNAHRGIS and if anything looks to be of note during a site visit/ while on google earth to check the tax assessor's website (https://qpublic.net/ga/gaassessors/), which has approximate build dates and sometimes has photographs. Definitely not a perfect system, but we're trying to work with what we have. Please let me know if you have any questions/ concerns.
>
> Moira Church
> Environmental Review Historian
> **Historic Preservation Division**
> (770) 389-6285
> 2610 Georgia Highway 155 SW
> Stockbridge, Ga 30281
> Purchase your Historic Preservation license plate today!
>
> ---
>
> **From:** Zach Horne <z.horne@trileaf.com>
> **Sent:** Wednesday, April 1, 2020 10:02 AM
> **To:** Church, Moira <moira.church@dnr.ga.gov>
> **Subject:** GA HPD Closure
>
> **CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.
>
> Hi Moira-
>
> Hope all is well. I was just touching base with you with regard to when GA HPH anticipates to open up their research room to the public again. Do you know if it will be anytime in the foreseeable future? Just let me know. Thanks and stay well!

Best Regards-

Zach Horne, MA,RPA
Assistant Archaeology Project Manager
<image001.gif>
1395 South Marietta Parkway
Building 400, Suite 209
Marietta, GA 30067
(678) 653-8673 ext. 653 Office
(706) 974-5690 Mobile
(314) 997-8066 Fax
Z.horne@Trileaf.com

GEORGIA
DEPARTMENT OF NATURAL RESOURCES
HISTORIC PRESERVATION DIVISION

MARK WILLIAMS
COMMISSIONER

DR. DAVID CRASS
DIVISION DIRECTOR

July 23, 2020

Morgan Rasmussen
Project Scientist
Trileaf Corporation
1395 South Marietta Parkway
Building 400, Suite 209
Marietta, GA 30067

RE: Cell Tower: 161' Monopole, Ben Davis Road near Roy Dean Road, Buchanan
Haralson County, Georgia
HP-200625-003

Dear Ms. Rasmussen:

The Historic Preservation Division (HPD) has reviewed the information submitted concerning the proposed construction of a cellular communications tower at the above location. Our review is in accordance with the 2005 Nationwide Programmatic Agreement (NPA) among the Federal Communications Commission (FCC), the National Conference of State Historic Preservation Officers, and the Advisory Council on Historic Preservation (ACHP), for review under the National Historic Preservation Act of 1966, as amended (NHPA).

Based on the information received, HPD finds that 565, 575, and 623 Roy Dean Road; 20 and 66 Maple Ridge Lane; and 701 Friendship Church Road are not eligible for listing in the National Register of Historic Places (NRHP), due to a lack of integrity. Therefore, HPD concurs that no historic properties that are listed in or eligible for listing in the NRHP will be affected by the proposed undertaking, as defined in 36 CFR Part 800.4(d)(1). HPD would like to note that resources received through public consultation should be taken into account through assessment of eligibility and effects, regardless of a lack of prior determination, in order to comply with the NPA.

Please note that additional NRHP-eligible historic resources that have not been previously identified may be located within the project's area of potential effect (APE). In the Section 106 process, it is the responsibility of the federal agency and its applicants to account for historic resources in the APE. However, requirements for identification and evaluation of historic properties established by the NPA do not address circumstances where only dated, incomplete, inadequate, or questionable resource identification information is available. Therefore, determinations noted herein are specific to FCC involvement as the federal agency and are in accordance with the requirements of the NPA.

This letter evidences consultation with our office for compliance with Section 106 of the NHPA. It is important to remember that any changes to this project as it is currently proposed may require additional consultation. HPD encourages federal agencies and project applicants to discuss such changes with our office to ensure that potential effects to historic properties are adequately considered in project planning.

Please refer to project number **HP-200625-003** in any future correspondence regarding this project. If we may be of further assistance, please contact Aspen Kemmerlin, Compliance Archaeologist, at 770-389-7877 or aspen.kemmerlin@dnr.ga.gov or Moira Church, Environmental Review Historian, at (770) 389-6285 or moira.church@dnr.ga.gov.

Sincerely,

Jennifer Dixon, MHP, LEED Green Associate
Program Manager
Environmental Review & Preservation Planning

JAD/mmc

cc: Kevin McAuliff, Northwest Georgia Regional Commission

Morgan Rasmussen

From: towernotifyinfo@fcc.gov
Sent: Thursday, June 25, 2020 2:46 PM
To: Morgan Rasmussen
Subject: Section 106 New Filing Submitted- Email ID #4745324

The following new Section 106 filing has been submitted:

File Number: 0009126473
TCNS Number: 211331
Purpose: New Tower Submission Packet

Notification Date: 7AM EST 06/26/2020

Applicant: Verizon Wireless
Consultant: Trileaf Corporation
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No
Site Name: Meriadoc - A
Site Address: 1011 Ben Davis Road
Detailed Description of Project: Verizon Wireless proposes to construct a 161-foot monopole communications tower and associated equipment within a 100-foot by 100-foot (10,000 square-foot) lease area.
Site Coordinates: 33-51-31.0 N, 85-7-21.8 W
City: Buchanan
County: HARALSON
State:GA
Lead SHPO/THPO: Georgia Historic Preservation Division

Consultant Contact Information:
Name: Trileaf Corporation
Title:
PO Box:
Address: 1395 S Marietta Parkway
Building 400, Suite 209
City: Marietta
State: GA
Zip: 30067
Phone: 678-653-8673
Fax:
Email: m.rasmussen@trileaf.com

NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE
Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.

Tribal Summary Table

Site: Meriadoc - A | **Site ID: 15967649**

TCNS Number: 211331 | **TCNS Initial Notification Date: June 19, 2020**

Tribe	TCNS auto-reply	Follow Up Request from Tribe		Follow Up(s) to Tribe		Final Reply		FCC Referral	Standing Agreements & Comments	GFP Utilized?
		Date	Requested Information	Date	Sent	Date	Comments			
Alabama Quassarte Tribal Town				6/29/2020	Sent Letter & Form 620/621	8/21/2020	Cleared by Referral	8/6/2020		No
Alabama-Coushatta Tribe of Texas				6/29/2020	Sent Letter & Form 620/621	8/21/2020	Cleared by Referral	8/6/2020		No
Cherokee Nation				6/29/2020	Sent Letter & Form 620/621	7/16/2020	No interest. Requests inadvertent discovery notification.			No
Coushatta Indian Tribe				6/29/2020	Sent Letter & Form 620/621	8/21/2020	Cleared by Referral	8/6/2020		No
Eastern Shawnee Tribe of Oklahoma				6/29/2020	Sent Letter & Form 620/621	7/9/2020	We find that this project will have No Adverse Effect on properties of sacred and/or cultural significance to the Tribe. However, ESTO has no objection to the project proceeding as described. Please note that any future changes to this project will require additional consultation. Requests inadvertent discovery notification.			No
Kialegee Tribal Town				6/29/2020	Sent Letter & Form 620/621	8/21/2020	Cleared by Referral	8/6/2020		No
Muscogee Creek Nation				6/29/2020	Sent Letter & Form 620/621	8/21/2020	Cleared by Referral	8/6/2020		No
Poarch Band of Creek Indians	30 days no interest Notify of inadvertent discovery			6/29/2020	Sent Letter & Form 620/621	7/29/2020	Cleared per NOO			No
Seminole Nation of Oklahoma	30 days no interest Notify of inadvertent discovery			6/29/2020	Sent Letter & Form 620/621	7/29/2020	Cleared per NOO			No
Seminole Tribe of Florida				6/29/2020	Sent Letter & Form 620/621	8/21/2020	Cleared by Referral	8/6/2020		No
Shawnee Tribe				6/29/2020	Sent Letter & Form 620/621	8/21/2020	Cleared by Referral	8/6/2020		No
Thlopthlocco Tribal Town				6/29/2020	Sent Letter & Form 620/621	8/21/2020	Cleared by Referral	8/6/2020		No

From:	towernotifyinfo@fcc.gov
To:	tribal
Cc:	tcnsweekly@fcc.gov
Subject:	NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #7081094
Date:	Friday, June 19, 2020 2:10:16 AM

Dear Applicant:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the notification that you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. Historic Preservation Officer Bryant J Celestine - Alabama-Coushatta Tribe of Texas - 571 State Park Road 56 Livingston, TX - Celestine.bryant@actribe.org - 936-563-1181 - electronic mail

2. THPO Linda P Langley - Coushatta Indian Tribe - (PO Box: 10) Elton, LA - llangley@coushattatribela.org - 337-584-1560 - electronic mail

3. Compliance Review Supervisor THPO Compliance - Seminole Tribe of Florida - 30290 Josie Billie Hwy PMB 1004 Clewiston, FL - THPOcompliance@semtribe.com - 863-983-6549 (ext: 12245) - electronic mail

4. Tribal Administrator David Cook - Kialegee Tribal Town - (PO Box: 332) Wetumka, OK - david.cook@kialegeetribe.net; jeremiah.hobia@kialegeetribe.net - 405-452-3262 (ext: 15) - electronic mail and regular mail

5. Historic Preservation Officer Brigita Leader - Seminole Nation of Oklahoma - (PO Box: 1498) Wewoka, OK - tcns-sno@sno-nsn.gov - 405-234-5218 - electronic mail
Exclusions: Please send all inquiries to email address: tcns-sno@sno-nsn.gov

If the applicant/tower builder receives no response from the Seminole Nation of Oklahoma within 30 days after notification through TCNS, the Seminole Nation of Oklahoma has no interest in participating in pre-construction review for the proposed site. The

Applicant/tower builder,
however, must immediately notify the Seminole Nation of Oklahoma in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. Gwen Terrapin - Cherokee Nation - (PO Box: 948) Tahlequah, OK - historicpreservation@cherokee.org; gwen-terrapin@cherokee.org - 918-772-4165 - electronic mail
Exclusions: Please email all review documents for FCC Form 620/621 (i.e. archeologist report, photos, SHPO response, etc.) to historicpreservation@cherokee.org or gwen-terrapin@cherokee.org. You may also mail a cover letter and a CD or flash drive containing the review documents and FCC forms to: Cherokee Nation: Attn: Gwen Terrapin, PO Box 948, Tahlequah, OK 74465. Should you have any questions, please do not hesitate to email or call 918.772.4165.

Wado,
Cherokee Nation

7. TCNS Coordinator Anne Edwards-Martel Ms - Muscogee (Creek) Nation - Highway 75 & Loop 56 (PO Box: 580) Okmulgee, OK - mcntcns@mcn-nsn.gov; section106@mcn-nsn.gov - 918-732-7639 - regular mail

8. Cell Tower Coordinator Kelly Nelson - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road Wyandotte, OK - celltower@estoo.net - 918-666-2435 (ext: 1861) - regular mail
Exclusions: DO NOT EMAIL DOCUMENTATION; it will be deleted without being opened.
Submit one printed color copy by US postal mail or other parcel carrier of all documentation to:

Eastern Shawnee Tribe
Attn: CellTower Program
70500 E. 128 Rd.
Wyandotte, OK 74370

Provide a 1-page cover letter with the following information:
a. TCNS Number
b. Company Name
c. Project Name, City, County, State
d. Project type
e. Project coordinates
f. Contact information

The Eastern Shawnee Procedures document is available and highly recommended for guidance; send an email to celltower@estoo.net requesting our most current copy.

9. Assistant Janice Lowe - Alabama Quassarte Tribal Town - (PO Box: 187) Wetumka, OK - jlowe@alabama-quassarte.org; srobison@alabama-quassarte.org - 405-452-3881 (ext: 103) - electronic mail
Exclusions: The Alabama Quassarte Tribal Town is unaware of any cultural or sacred sites located within the immediate project area. The AQTT's Historic Preservation Department concurs that there should be no adverse effect to any known historic properties and that work should proceed as planned. However, as the project is located in an area that is general historic interest to the Tribe, we request that work be stopped and our office contacted immediately if any Native American cultural materials or human remains are encountered.

If you have any questions, please contact our office at the number below.

Respectfully,

Janice Lowe, TCNS/106 Assistant
Alabama Quassarte Tribal Town

P.O. Box 187
Wetumka,Ok 74883
(P) 405-452-3881
(F) 405-452-3889

10. Mekko Ryan Morrow - Thlopthlocco Tribal Town - P.O. Box 188 Okemah, OK - thpo@tttown.org - 000-000-0000 - electronic mail
Exclusions: Thlopthlocco Tribal Town requests that all initial review materials required by applicable law be submitted by email directly to thpo@tttown.org. In addition, in the event archeological or cultural materials or human remains are discovered at any time during this undertaking, please notify Thlopthlocco Tribal Town immediately.

11. Cell t Kim Jumper - Shawnee Tribe - 29 South 69A Highway Miami, OK - tcns@shawnee-tribe.com - 918-542-2441 - electronic mail

12. THPO Larry Haikey - Poarch Band of Creek Indians - 5811 Jack Springs Road Atmore, AL - lhaikey@pci-nsn.gov - 251-368-9136 (ext: 2072) - electronic mail and regular mail

If the applicant/tower builder receives no response from the Poarch Band of Creek Indians within 30 days after notification through TCNS, the Poarch Band of Creek Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Poarch Band of Creek Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

The notification that you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA unless the project is excluded from SHPO review under Section III D or E of the NPA.

13. SHPO Lee Warner - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - lwarner@mail.preserveala.org - 334-242-3184 - electronic mail

14. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - ebrown@mail.preserveala.org - 334-242-3185 - electronic mail

15. Environmental Review Coordinator Renee GledhillEarley - NC State Historic Preservation Office - 4617 Mail Service Center Raleigh, NC - renee.gledhill-earley@ncmail.net - 919-733-4763 - electronic mail

16. Deputy SHPO David Brook - Historic Preservation Office - 4610 Mail Service Center Raleigh, NC - david.brook@ncmail.net - 919-807-7283 - electronic mail

17. Program Manager Jennifer Dixon - Georgia Historic Preservation Division - 2610 Georgia Highway 155 SW Stockbridge, GA - jennifer.dixon@dnr.ga.us - 770-389-7851 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 06/15/2020
Notification ID: 211331
Excluded from SHPO Review: No
Tower Owner Individual or Entity Name: Verizon Wireless
Consultant Name: Mindi L Okai
Street Address: 10845 Olive Blvd.
Suite 260
City: St. Louis
State: MISSOURI
Zip Code: 63141
Phone: 314-997-6111
Email: tribal@trileaf.com

Structure Type: MTOWER - Monopole
Latitude: 33 deg 51 min 31.0 sec N
Longitude: 85 deg 7 min 21.8 sec W
Location Description: 1011 Ben Davis Road
City: Buchanan
State: GEORGIA
County: HARALSON
Detailed Description of Project: Verizon Wireless proposes to construct a 161-foot monopole communications tower and associated equipment within a 100-foot by 100-foot (10,000 square-foot) lease area.
Ground Elevation: 350.2 meters
Support Structure: 46.0 meters above ground level
Overall Structure: 49.1 meters above ground level
Overall Height AMSL: 399.3 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic Help Request form located on the FCC's website at:

https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fwww.fcc.gov%2fwireless%2favailable-support-services&c=E,1,QAV7l28apwXEN-PQoW8JdA1UvKrHdyEcUHKTbfdgUebtm_XITpRFvPI9_6vLccnGJpGD6443Q84hdRJMpZRmnhiIm1XlFxqRY6tyl0rTDOJH3Iw,&typo=1

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 p.m. Eastern Time, Monday through Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Alabama-Coushatta Tribe of Texas
Mr. Delvin Johnson
571 State Park Road 56
Livingston, TX 77351

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Mr. Johnson:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Alabama Quassarte Tribal Town
Ms. Mary Tiger
AQEDA Tribal Heritage Center
P.O. Box 187
Wetumka, OK 74883

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Ms. Tiger:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Cherokee Nation
Ms. Gwen Terrapin
P.O. Box 948
Tahlequah, OK 74465

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Ms. Terrapin:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

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environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Coushatta Indian Tribe
Mr. Dakota John
1940 C.C Bel Road
Elton, LA 70532

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Mr. John:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Eastern Shawnee Tribe of Oklahoma
Ms. Lora Nuckolls
70400 East HWY 60
Wyandotte, OK 74370

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Ms. Nuckolls:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Kialegee Tribal Town
Stephanie Yahola
P.O. Box 332
Wetumka, OK 74883

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Yahola:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Muscogee Creek Nation
Mr. Jason Sawyer
P.O. Box 580

Okmulgee, OK 74447

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Mr. Sawyer:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Poarch Band of Creek Indians
Poarch Band of Creek Indians
5811 Jack Springs Road
Atmore, AL 36502

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear :

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Seminole Nation of Oklahoma
Mr. Ben Yahola
P.O.Box 1498
Wewoka, OK 74884

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Mr. Yahola:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Seminole Tribe of Florida
Compliance Review Supervisor THPO Compliance
30290 Josie Billie Hwy PMB 1004

Clewiston, FL 33440

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Compliance Review Supervisor THPO Compliance:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Shawnee Tribe
Ms. Tonya Tipton
29 South Highway 69A
Miami, OK 74354

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Ms. Tipton:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

July 17, 2025

Thlopthlocco Tribal Town
Mekko Ryan Morrow
P.O. Box 188
Okemah, OK 74859

RE: The Towers, LLC
Trileaf Project # 767661 / US-GA-5748 / Meriadoc
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Mekko Morrow:

This project was originally submitted to your tribe via TCNS on May 14, 2021. Since the time of your review, the proposed tower has changed owner.

Since that time the proposed project has been acquired by The Towers, LLC from Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless). The project remains a 256-foot Self-Support Communications Tower with an overall height of 261 feet (previously a 161-foot Monopole) and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road.

The original construction drawings are enclosed.

This information is for your records only and no additional response is required. Please call me at (314) 997-6111 or email tribal@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Michael Romanoski
Tribal Consultation Manager

TRILEAF
environmental architecture engineering
1395 South Marietta Parkway, Building 400, Suite 209, Marietta, GA 30067 - 678-653-8673 - www.trileaf.com

June 3, 2021

Georgia Department of Community Affairs
Attn: Environmental Review, Historic Preservation Division
60 Executive Park South, NE
Atlanta, Georgia 30329

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc - A / 15967649 – Trileaf Project #667545**
Near Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W

To Whom It May Concern:

Trileaf Corporation is in the process of completing a NEPA review at the referenced property. This project as originally submitted to your office on June 25, 2020. Concurrence was received via a letter dated July 23, 2020 (**HP-200625-003**). Since our initial letter, the proposed development has been revised. The tower, previously a 151-foot Monopole Communications Tower with an overall height of 161 feet, has been revised to a 256-foot Self-Support Communications Tower with an overall height 261 feet and shifting approximately 30 feet to the south. No other revisions are proposed. The antenna will be licensed by the Federal Communications Commission (FCC).

In accordance with the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission*, dated September 2004, a cultural resource investigation has been conducted. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places, or located in or on an Indian Religious Site.

Summary reports of this investigation, maps, photographs and other information are provided in the attached Form 620. There are **No Historic Properties in the APE for Direct Effects and No Historic Properties in the APE for Visual Effects**. Therefore, it is recommended that the proposed undertaking proceed without further archaeological review.

We appreciate your cooperation in this regard and anticipate your updated concurrence with these findings. Please call me at (678)653-8673 ext. 665 or email **b.allen@trileaf.com** if you need any additional information or have any questions. Thank you for your assistance.

Sincerely,

Benjamin Allen
Project Scientist II

FCC Form 620

Notification Date: **7AM EST 06/04/2021**
File Number: **0009126473**

FCC Wireless Telecommunications Bureau
New Tower ("NT") Submission Packet

Approved by OMB
3060 – 1039
See instructions for
public burden estimates

General Information

1) (Select only one) **(UA)** **NE** – New **UA** – Update of Application **WD** – Withdrawal of Application	
2) If this application is for an Update or Withdrawal, enter the file number of the pending application currently on file.	File Number: **0009126473**

Applicant Information

3) FCC Registration Number (FRN): **0012845343**
4) Name: **Verizon Wireless**

Contact Name

5) First Name: **Nakul**	6) MI:	7) Last Name: **Mate**	8) Suffix:
9) Title: **VZQ-HQ - NEPA Regulatory Compliance**			

Contact Information

10) P.O. Box:	**And /Or**	11) Street Address: **5055 North Point Parkway NP2NE Network Engineering**		
12) City: **Alpharetta**			13) State: **GA**	14) Zip Code: **30022**
15) Telephone Number: **(678)277-3656**		16) Fax Number:		
17) E-mail Address: **vzwnpa-nepa@verizonwireless.com**				

Consultant Information

18) FCC Registration Number (FRN): **0011724176**
19) Name: **Trileaf Corporation**

Principal Investigator

20) First Name: **Cori**	21) MI:	22) Last Name: **Rich**	23) Suffix:
24) Title:			

Principal Investigator Contact Information

25) P.O. Box:	**And /Or**	26) Street Address: **1395 S Marietta Parkway Building 400, Suite 209**		
27) City: **Marietta**			28) State: **GA**	29) Zip Code: **30067**
30) Telephone Number: **(678)653-8673**		31) Fax Number:		
32) E-mail Address: **m.rasmussen@trileaf.com**				

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(**X**) **Y**es ( ) **N**o

34) Areas of Professional Qualification:

(**X**) Archaeologist

( ) Architectural Historian

( ) Historian

( ) Architect

( ) Other (Specify) _____

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	(**X**) **Y**es ( ) **N**o

If "YES," complete the following:

36) First Name: **Zach**	37) MI:	38) Last Name: **Horne**	39) Suffix:

40) Title:

41) Areas of Professional Qualification:

(**X**) Archaeologist

( ) Architectural Historian

( ) Historian

( ) Architect

( ) Other (Specify) _____

36) First Name: **Colin**	37) MI:	38) Last Name: **Bean**	39) Suffix:

40) Title:

41) Areas of Professional Qualification:

(**X**) Archaeologist

( ) Architectural Historian

( ) Historian

( ) Architect

( ) Other (Specify) _____

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **231366**

Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: ( ) Yes (X) No

3) Site Name: **Meriadoc - A**

4) Site Address: **Near Ben Davis Road**

5) Detailed Description of Project:

Verizon Wireless proposes to construct a 261-foot self-support communications tower within a 10,000-square-foot lease area. Old TCNS 211331, reTCNS due to coordinate change.

6) City: **Buchanan**	7) State: **GA**	8) Zip Code: **30113**

9) County/Borough/Parish: **HARALSON**

10) Nearest Crossroads: **Ben Davis Road and Roy Dean Road**

11) **NAD 83** Latitude (DD-MM-SS.S): **33-51-30.7** (X) N or ( ) S

12) **NAD 83** Longitude (DD-MM-SS.S): **085-07-21.8** ( ) E or (X) W

Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **79.6** ( ) Feet (X) Meters

14) Tower Type (Select One):

( ) Guyed lattice tower

(X) Self-supporting lattice

( ) Monopole

( ) Other (Describe):

Project Status

15) Current Project Status (Select One):

(X) Construction has not yet commenced

( ) Construction has commenced, but is not completed Construction commenced on: _____

( ) Construction has been completed Construction commenced on: _____

Construction completed on: _____

Determination of Effect

14) Direct Effects (Select One):

(**X**) No Historic Properties in Area of Potential Effects (APE)

( ) No Effect on Historic Properties in APE

( ) No Adverse Effect on Historic Properties in APE

( ) Adverse Effect on one or more Historic Properties in APE

15) Visual Effects (Select One):

(**X**) No Historic Properties in Area of Potential Effects (APE)

( ) No Effect on Historic Properties in APE

( ) No Adverse Effect on Historic Properties in APE

( ) Adverse Effect on one or more Historic Properties in APE

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) **Y**es ( ) **N**o

2a) Tribes/NHOs contacted through TCNS Notification Number: **231366** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Alabama Quassarte Tribal Town**

Contact Name

5) First Name: **Russell**	6) MI:	7) Last Name: **Wind**	8) Suffix:

9) Title: **Tribal Administrator**

Dates & Response

10) Date Contacted **05/12/2021** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Alabama-Coushatta Tribe of Texas**

Contact Name

5) First Name: **Bryant**	6) MI: **J**	7) Last Name: **Celestine**	8) Suffix:

9) Title: **Historic Preservation Officer**

Dates & Response

10) Date Contacted **05/12/2021** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **231366** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Cherokee Nation**

Contact Name

5) First Name: **Gwen**	6) MI:	7) Last Name: **Terrapin**	8) Suffix:
9) Title:			

Dates & Response

10) Date Contacted **05/12/2021** 11) Date Replied _____

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Coushatta Indian Tribe**

Contact Name

5) First Name: **Linda**	6) MI: **P**	7) Last Name: **Langley**	8) Suffix:
9) Title: **THPO**			

Dates & Response

10) Date Contacted **05/12/2021** 11) Date Replied _____

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **231366** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Eastern Shawnee Tribe of Oklahoma**

Contact Name

5) First Name: **Kelly**	6) MI:	7) Last Name: **Nelson**	8) Suffix:
9) Title: **Cell Tower Coordinator**			

Dates & Response

10) Date Contacted **05/13/2021** 11) Date Replied **05/21/2021**

( ) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

(**X**) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Kialegee Tribal Town**

Contact Name

5) First Name: **David**	6) MI:	7) Last Name: **Cook**	8) Suffix:
9) Title: **Tribal Administrator**			

Dates & Response

10) Date Contacted **05/13/2021** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **231366** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Muscogee (Creek) Nation**

Contact Name

5) First Name: **Anne**	6) MI:	7) Last Name: **Edwards-Martel**	8) Suffix: **Ms**

9) Title: **TCNS Coordinator**

Dates & Response

10) Date Contacted **05/13/2021** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Poarch Band of Creek Indians**

Contact Name

5) First Name: **Larry**	6) MI:	7) Last Name: **Haikey**	8) Suffix:

9) Title: **THPO**

Dates & Response

10) Date Contacted **05/13/2021** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **231366** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Seminole Nation of Oklahoma**

Contact Name

5) First Name: **Brigita**	6) MI:	7) Last Name: **Leader**	8) Suffix:
9) Title: **Historic Preservation Officer**			

Dates & Response

10) Date Contacted **05/12/2021** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Seminole Tribe of Florida**

Contact Name

5) First Name: **THPO**	6) MI:	7) Last Name: **Compliance**	8) Suffix:
9) Title: **Compliance Review Supervisor**			

Dates & Response

10) Date Contacted **05/12/2021** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(**X**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **231366** Number of Tribes/NHOs: **12**

2b) Tribes/NHOs contacted through an alternate system: Number of Tribes/NHOs: **0**

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Shawnee Tribe**

Contact Name

5) First Name: **Kim**	6) MI:	7) Last Name: **Jumper**	8) Suffix:
9) Title: **Cell t**			

Dates & Response

10) Date Contacted **05/12/2021** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Tribe/NHO Contacted Through TCNS

3) Tribe/NHO FRN:

4) Tribe/NHO Name: **Thlopthlocco Tribal Town**

Contact Name

5) First Name: **Ryan**	6) MI:	7) Last Name: **Morrow**	8) Suffix:
9) Title: **Mekko**			

Dates & Response

10) Date Contacted **05/12/2021** 11) Date Replied

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Other Tribes/NHOs Contacted

Tribe/NHO Information

1) FCC Registration Number (FRN):
2) Name:

Contact Name

3) First Name:	4) MI:	5) Last Name:	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	**And /Or**	9) Street Address:		
10) City:			11) State:	12) Zip Code:
13) Telephone Number:		14) Fax Number:		
15) E-mail Address:				
16) Preferred means of communication: ( ) E-mail ( ) Letter ( ) Both				

Dates & Response

17) Date Contacted _____ 18) Date Replied _____

( ) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	( ) Yes (X) No
2) Has the identification process located archaeological materials that would be directly affected, or sites that are of cultural or religious significance to Tribes/NHOs?	( ) Yes (X) No
3) Are there more than 10 historic properties within the APEs for direct and visual effect? If "Yes", you are required to attach a Cultural Resources Report in lieu of adding the Historic Property below.	( ) Yes (X) No

Historic Property

4) Property Name:
5) SHPO Site Number:

Property Address

6) Street Address:		
7) City:	8) State:	9) Zip Code:
10) County/Borough/Parish:		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	( ) Yes ( ) No
12) Is this property eligible for listing on the National Register? Source: _____	( ) Yes ( ) No
13) Is this property a National Historic Landmark?	( ) Yes ( ) No

14) Direct Effects (Select One):

( ) No Effect on this Historic Property in APE

( ) No Adverse Effect on this Historic Property in APE

( ) Adverse Effect on this Historic Property in APE

15) Visual Effects (Select One):

( ) No Effect on this Historic Property in APE

( ) No Adverse Effect on this Historic Property in APE

( ) Adverse Effect on this Historic Property in APE

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: **Haralson County Zoning & Permits Department**

Contact Name

3) First Name: **Glenda**	4) MI:	5) Last Name: **Wade**	6) Suffix:
7) Title: **Director**			

Contact Information

8) P.O. Box:	**And /Or**	9) Street Address: **155 Van Wert Street**		
10) City: **Buchanan**			11) State: **GA**	12) Zip Code: **30113**
13) Telephone Number: **(770)646-2033**		14) Fax Number:		
15) E-mail Address:				
16) Preferred means of communication: ( ) E-mail (**X**) Letter ( ) Both				

Dates & Response

17) Date Contacted **05/26/2021** 18) Date Replied _____

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Additional Information

19) Information on local government's role or interest (optional):

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):
2) Name: **Northwest Georgia Regional Commission**

Contact Name

3) First Name: **Kevin**	4) MI:	5) Last Name: **McAuliff**	6) Suffix:
7) Title: **Senior Planner**			

Contact Information

8) P.O. Box: **1798**	**And /Or**	9) Street Address:		
10) City: **Rome**			11) State: **GA**	12) Zip Code: **30162-1798**
13) Telephone Number: **(706)295-6485**		14) Fax Number:		
15) E-mail Address: **kmcauliff@nwgrc.org**				
16) Preferred means of communication: ( ) E-mail ( ) Letter (**X**) Both				

Dates & Response

17) Date Contacted **05/26/2021** 18) Date Replied _____

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Additional Information

19) Information on local government's role or interest (optional):

First Contacted 6-11-2020, Responded 6-15-2020. Mr. McAuliff responded with information regarding six (6) potentially historic resources within the project APE.

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	(**X**) **Y**es ( ) **N**o

Consulting Party

2) FCC Registration Number (FRN):
3) Name: **Haralson County Historical Society**

Contact Name

4) First Name: **To Whom**	5) MI:	6) Last Name: **It May Concern**	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box: **585**	**And /Or**	10) Street Address:		
11) City: **Buchanan**			12) State: **GA**	13) Zip Code: **30113**
14) Telephone Number: **(770)646-3369**		15) Fax Number:		
16) E-mail Address: **haralsoncountyhistory@gmail.com**				
17) Preferred means of communication: ( ) E-mail ( ) Letter (**X**) Both				

Dates & Response

18) Date Contacted **05/26/2021** 19) Date Replied _____

(**X**) No Reply

( ) Replied/No Interest

( ) Replied/Have Interest

( ) Replied/Other

Additional Information

20) Information on other consulting parties' role or interest (optional):

Designation of SHPO/THPO

1) Designate the Lead State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Officer (THPO) based on the location of the tower.

SHPO/THPO

Name: **Georgia Historic Preservation Division**

2) You may also designate up to three additional SHPOs/THPOs if the APEs include multiple states. If the APEs include other countries, enter the name of the National Historic Preservation Agency and any state and provincial Historic Preservation Agency.

SHPO/THPO Name: _____

SHPO/THPO Name: _____

SHPO/THPO Name: _____

Certification

I certify that all representations on this FCC Form 620 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name: **Benjamin**	MI:	Last Name: **Allen**	Suffix:

Signature: **Benjamin Allen** Date: **06/03/2021**

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Attachments :

Type	Description	Date Entered
Resumes/Vitae	Resumes	06/25/2020
Photographs	Photos	06/25/2020
Map Documents	Maps	06/25/2020
Mitigation	Site Info	06/25/2020
Area of Potential Effects	APE	06/25/2020
Tribal/NHO Involvement	Tribes	06/25/2020
Historic Properties for Direct Effects	Direct APE	06/25/2020
Historic Properties for Visual Effects	Visual APE	06/25/2020
Local Government Involvement	Local Government	06/25/2020
Public Involvement	ITC and Public Notice	06/25/2020
State-Specific Forms	SHPO Specific Forms	06/25/2020

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 - www.trileaf.com

May 28, 2021

Georgia Department of Community Affairs
Attn: Environmental Review, Historic Preservation Division
60 Executive Park South, NE
Atlanta, Georgia 30329

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc - A/ Site # 15967649 – Trileaf Project #667545**
Near Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 30.74" N, Longitude: 85° 07' 21.76" W

Trileaf Corporation is in the process of completing a NEPA Review at the referenced property. Our client proposes to construct a 261-foot Self-Support Communications Tower and associated equipment within a 100-foot by 100-foot (10,000 square feet) lease area. The project includes an access/utility easement, measuring approximately 30 feet wide extending north away from the lease area towards Ben Davis Road. The proposed access & utility easement and the proposed tower compound lease area is located within a wooded land. The antenna will be licensed by the Federal Communications Commission (FCC).

Trileaf Corporation was notified on May 10, 2021 that Verizon Wireless increased the tower height from 160 feet to 261 feet and relocated the tower approximately 30 meters to the south.

As additional ground disturbance activities are required for this project, Trileaf Corporation determined that additional archaeological fieldwork be conducted within the project area. The new field investigation at this location was conducted by Trileaf Archaeologist Colin Bean, M.A., on May 24, 2021. Trileaf initially determined, based on dimensions of the project area, that three (3) additional shovel tests within the proposed approximate 100 x 100-foot (30.48 x 30.48 meter) lease area would be required. All three (3) shovel tests were excavated. Soils within the project area generally consisted of a very dark brown (7.5YR2.5/3) organic layer with roots over dark yellowish brown (10YR3/6) silty clay.

No prehistoric archaeological materials were recovered as a result of this investigation. In the event of artifact recovery, all cultural materials recovered would have been delivered to Trileaf Corporation's laboratory in Marietta, Georgia for processing. Here, materials are sorted by provenience, cleaned, and analyzed. All cultural material recovered from the investigation are returned to the landowner upon project completion.

The original project was cleared by the Georgia State Historic Preservation Office on July 23, 2020. No historic or prehistoric archaeological materials were recovered as a result of the original or new investigation. Further, the original investigation found no properties listed or eligible for listing in the National Register of Historic Places (NRHP) within the Direct or ¾-mile Visual APE.

In accordance with the *Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission*, dated September 2004, a cultural resource investigation has been conducted. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places, or located in or on an Indian Religious Site.

Based on this documentation and the previously submitted documentation, prepared in accordance with the Nationwide Programmatic Agreement effective March 7, 2005, Trileaf Corporation believes that no further archaeological research, or fieldwork be conducted, and the proposed undertaking would have ***No Historic Properties within the Direct APE, and No Historic Properties within the ¾-mile APE for Visual Effects*.** Therefore, it is recommended that the proposed undertaking proceed without further review.

We appreciate your cooperation in this regard and anticipate your concurrence with these findings. Please call Colin Bean at (423) 646-0827 or email **c.bean @trileaf.com** if you need any additional information or have any questions. Thank you for your assistance.

Sincerely,

Colin J Bean

Colin Bean, M.A.
Project Archaeologist

Please refer to Appendix A for Site Plans

STP No.	STP Location	Depth (cm below surface)	Soil Description	Artifacts Recovered	Latitude/ Longitude
1	Tower Center	A: 0-6	7.5YR2.5/3 SiCl	None Organics throughout	33.8584776 N 85.1227047 W
		B: 6-12	10YR3/6 SiCl	None Root impasse	
2	SE Corner	A: 0-8	7.5YR2.5/3 SiCl	None Organics throughout	33.8584694 N 85.1225119 W
		B: 8-18	10YR3/6 SiCl	None Root impasse	
3	NE Corner	A: 0-8	7.5YR2.5/3 SiCl	None Organics throughout	33.858662 N 85.1225419 W
		B: 8-20	10YR3/6 SiCl	None Root impasse	

Table 1: Shovel Test Pit Descriptions.

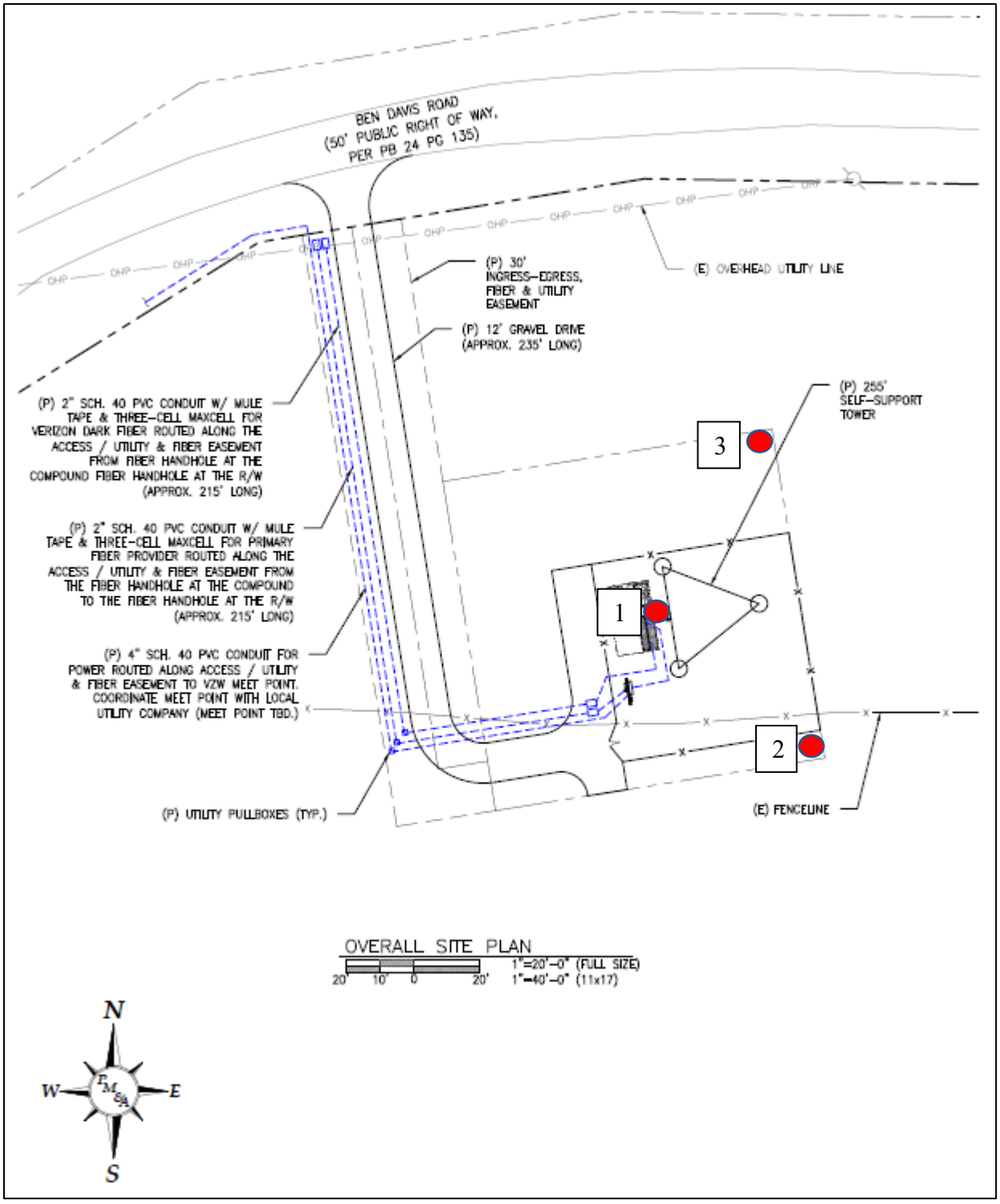


Figure 1: Shovel Test Map.



Figure 2: STP 01 plan view.



Figure 3: STP 01 profile view.

GEORGIA
DEPARTMENT OF NATURAL RESOURCES
HISTORIC PRESERVATION DIVISION

MARK WILLIAMS
COMMISSIONER

DR. DAVID CRASS
DIVISION DIRECTOR

July 23, 2020

Morgan Rasmussen
Project Scientist
Trileaf Corporation
1395 South Marietta Parkway
Building 400, Suite 209
Marietta, GA 30067

RE: Cell Tower: 161' Monopole, Ben Davis Road near Roy Dean Road, Buchanan
Haralson County, Georgia
HP-200625-003

Dear Ms. Rasmussen:

The Historic Preservation Division (HPD) has reviewed the information submitted concerning the proposed construction of a cellular communications tower at the above location. Our review is in accordance with the 2005 Nationwide Programmatic Agreement (NPA) among the Federal Communications Commission (FCC), the National Conference of State Historic Preservation Officers, and the Advisory Council on Historic Preservation (ACHP), for review under the National Historic Preservation Act of 1966, as amended (NHPA).

Based on the information received, HPD finds that 565, 575, and 623 Roy Dean Road; 20 and 66 Maple Ridge Lane; and 701 Friendship Church Road are not eligible for listing in the National Register of Historic Places (NRHP), due to a lack of integrity. Therefore, HPD concurs that no historic properties that are listed in or eligible for listing in the NRHP will be affected by the proposed undertaking, as defined in 36 CFR Part 800.4(d)(1). HPD would like to note that resources received through public consultation should be taken into account through assessment of eligibility and effects, regardless of a lack of prior determination, in order to comply with the NPA.

Please note that additional NRHP-eligible historic resources that have not been previously identified may be located within the project's area of potential effect (APE). In the Section 106 process, it is the responsibility of the federal agency and its applicants to account for historic resources in the APE. However, requirements for identification and evaluation of historic properties established by the NPA do not address circumstances where only dated, incomplete, inadequate, or questionable resource identification information is available. Therefore, determinations noted herein are specific to FCC involvement as the federal agency and are in accordance with the requirements of the NPA.

This letter evidences consultation with our office for compliance with Section 106 of the NHPA. It is important to remember that any changes to this project as it is currently proposed may require additional consultation. HPD encourages federal agencies and project applicants to discuss such changes with our office to ensure that potential effects to historic properties are adequately considered in project planning.

Please refer to project number **HP-200625-003** in any future correspondence regarding this project. If we may be of further assistance, please contact Aspen Kemmerlin, Compliance Archaeologist, at 770-389-7877 or aspen.kemmerlin@dnr.ga.gov or Moira Church, Environmental Review Historian, at (770) 389-6285 or moira.church@dnr.ga.gov.

Sincerely,

Jennifer Dixon, MHP, LEED Green Associate
Program Manager
Environmental Review & Preservation Planning

JAD/mmc

cc: Kevin McAuliff, Northwest Georgia Regional Commission



Site Location & Surrounding Properties



Site Location Easement

Aerial Photographs (2019)

Verizon Wireless – Meriadoc – A
Near Ben Davis Road
Buchanan, Georgia 30113

TRILEAF
environmental architecture engineering

Please refer to Appendix A for Site Figures

TRILEAF
environmental architecture engineering
1395 South Marietta Parkway, Building 400, Suite 209, Marietta, GA 30067 - 678-653-8673 - www.trileaf.com

May 26, 2021

Haralson County Zoning & Permits Department
Attn: Ms. Glenda Wade – Director
4266 Georgia Hwy. 120
Buchanan, Georgia 30113
Phone: (770) 646-2033
hcpermits@haralsoncountyga.gov

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc - A / Site# 15967649 – Trileaf Project #667545**
Near Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W

Dear Ms. Wade:

Trileaf Corporation is in the process of completing a NEPA Review at the referenced property. Our client proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 235 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land. The antenna will be licensed by the Federal Communications Commission (FCC).

Our investigation includes determining if the site is contained in, on or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archaeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places, or located in or on an Indian Religious Site.

Trileaf is requesting information regarding this tower's potential effect on Historic Properties. All information received will be forwarded to the State Historic Preservation Office (SHPO) as part of the Section 106 review process. *Additionally, this invitation to comment is separate from any local planning/zoning process that may apply to this project*.

If you wish to comment or be considered a consulting party, please respond within thirty (30) days of the date of this letter. If a response is not received within thirty (30) days, it will be assumed that you have no objections to this undertaking. A site topography map and aerial photograph are enclosed for your reference.

Please call me at (678) 653- 8673 ext. 665 or email b.allen@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Benjamin Allen
Project Scientist II

TRILEAF
environmental architecture engineering
1395 South Marietta Parkway, Building 400, Suite 209, Marietta, GA 30067 - 678-653-8673 - www.trileaf.com

May 26, 2021

Haralson County Historical Society
P.O. Box 585
Buchanan, GA 30113
Phone: (770) 646-3369
Email: haralsoncountyhistory@gmail.com

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc - A / Site# 15967649 – Trileaf Project #667545**
Near Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W

To Whom It May Concern,

Trileaf Corporation is in the process of completing a NEPA Review at the referenced property. Our client proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 235 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land. The antenna will be licensed by the Federal Communications Commission (FCC).

Our investigation includes determining if the site is contained in, on or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archaeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places, or located in or on an Indian Religious Site.

Trileaf is requesting information regarding this tower's potential effect on Historic Properties. All information received will be forwarded to the State Historic Preservation Office (SHPO) as part of the Section 106 review process. *Additionally, this invitation to comment is separate from any local planning/zoning process that may apply to this project*.

If you wish to comment or be considered a consulting party, please respond within thirty (30) days of the date of this letter. If a response is not received within thirty (30) days, it will be assumed that you have no objections to this undertaking. A site topography map and aerial photograph are enclosed for your reference.

Please call me at (678) 653- 8673 ext. 665 or email b.allen@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Benjamin Allen
Project Scientist II

TRILEAF
environmental architecture engineering
1395 South Marietta Parkway, Building 400, Suite 209, Marietta, GA 30067 - 678-653-8673 - www.trileaf.com

May 26, 2021

Northwest Georgia Regional Commission
Attn: Mr. Kevin McAuliff
P.O. Box 1798
Rome, Georgia 30162-1798
Phone: (706) 295-6485
Email: kmcauliff@nwgrc.org

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc - A / Site# 15967649 – Trileaf Project #667545**
Near Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W

Dear Mr. McAuliff:

Trileaf Corporation is in the process of completing a NEPA Review at the referenced property. Our client proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 235 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land. The antenna will be licensed by the Federal Communications Commission (FCC).

Our investigation includes determining if the site is contained in, on or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archaeology, engineering or culture, that is listed, or eligible for listing on the State or National Registers of Historic Places, or located in or on an Indian Religious Site.

Trileaf is requesting information regarding this tower's potential effect on Historic Properties. All information received will be forwarded to the State Historic Preservation Office (SHPO) as part of the Section 106 review process. *Additionally, this invitation to comment is separate from any local planning/zoning process that may apply to this project*.

If you wish to comment or be considered a consulting party, please respond within thirty (30) days of the date of this letter. If a response is not received within thirty (30) days, it will be assumed that you have no objections to this undertaking. A site topography map and aerial photograph are enclosed for your reference.

Please call me at (678) 653- 8673 ext. 665 or email b.allen@trileaf.com if you need additional information or have any questions. Thank you for your assistance in this regard.

Sincerely,

Benjamin Allen
Project Scientist II

AFFP

PUBLIC NOTICE: CELLCO PARTNER

Affidavit of Publication

STATE OF GEORGIA }
COUNTY OF CARROLL } SS

Rachael Raney, being duly sworn, says:

That she is publisher of the Times-Georgian, a newspaper of general circulation, printed and published in Carrollton, Carroll County, Georgia; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

May 27, 2021

PUBLIC NOTICE:
Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) proposes to build a 261-foot Self-Support Communications Tower. Anticipated lighting application is medium intensity dual red/white strobes. The Site location is Near Ben Davis Road, Buchanan, Haralson County, Georgia 30113, Lat: [33° 51' 30.74"], Long:
[-85° 07' 21.76"]. The Federal Communications Commission (FCC) Antenna Structure Registration (ASR, Form 854) filing number is [ASR# A1194183].
ENVIRONMENTAL EFFECTS – Interested persons may review the application (www.fcc.gov/asr/applications) by entering the filing number. Environmental concerns may be raised by filing a Request for Environmental Review (www.fcc.gov/asr/environmentalrequest) and online filings are strongly encouraged. The mailing address to file a paper copy is: FCC Requests for Environmental Review, Attn: Ramon Williams, 445 12th Street SW, Washington, DC 20554.
HISTORIC PROPERTIES EFFECTS – Public comments regarding potential effects on historic properties may be submitted within 30 days from the date of this publication to: Trileaf Corp, Benjamin Allen, b.allen@trileaf.com, phone: 678-653-8673, 1395 South Marietta Parkway, Building 400, Suite 209, Marietta, GA 30067.

Publication Fees: $ 52.00

That said newspaper was regularly issued and circulated on those dates.
SIGNED:

Subscribed to and sworn to me this 27th day of May 2021.

SARAH HENNESSY
NOTARY PUBLIC
CARROLL COUNTY, GEORGIA
MY COMMISSION EXPIRES JULY 26, 2024

70022570 70063032

TRILEAF
1395 SOUTH MARIETTA PKWY STE 209
MARIETTA, GA 30067

From: towernotifyinfo@fcc.gov
To: tribal
Cc: tcnsweekly@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #7700863
Date: Friday, May 14, 2021 2:03:31 AM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Applicant:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the notification that you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. Historic Preservation Officer Bryant J Celestine - Alabama-Coushatta Tribe of Texas - 571 State Park Road 56 Livingston, TX - Celestine.bryant@actribe.org - 936-563-1100 - electronic mail

2. THPO Linda P Langley - Coushatta Indian Tribe - (PO Box: 10) Elton, LA - llangley@coushattatribela.org - 337-584-1560 - electronic mail

3. Compliance Review Supervisor THPO Compliance - Seminole Tribe of Florida - 30290 Josie Billie Hwy PMB 1004 Clewiston, FL - THPOcompliance@semtribe.com - 863-983-6549 (ext: 12245) - electronic mail

4. Tribal Administrator David Cook - Kialegee Tribal Town - (PO Box: 332) Wetumka, OK - david.cook@kialegeetribe.net; jeremiah.hobia@kialegeetribe.net - 405-452-3262 (ext: 15) - electronic mail and regular mail

5. Historic Preservation Officer Brigita Leader - Seminole Nation of Oklahoma - (PO Box: 1498) Wewoka, OK - tcns-sno@sno-nsn.gov - 405-234-5218 - electronic mail
Exclusions: Please send all inquiries to email address: tcns-sno@sno-nsn.gov

If the applicant/tower builder receives no response from the Seminole Nation of Oklahoma within 30 days after notification through TCNS, the Seminole Nation of Oklahoma has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Seminole Nation of Oklahoma in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. Gwen Terrapin - Cherokee Nation - (PO Box: 948) Tahlequah, OK - historicpreservation@cherokee.org; gwen-terrapin@cherokee.org - 918-772-4165 - electronic mail
Exclusions: Please email all review documents for FCC Form 620/621 (i.e. archeologist report, photos, SHPO response, etc.) to historicpreservation@cherokee.org or gwen-terrapin@cherokee.org. You may also mail a cover letter and a CD or flash drive containing the review documents and FCC forms to: Cherokee Nation: Attn: Gwen Terrapin, PO Box 948, Tahlequah, OK 74465. Should you have any questions, please do not hesitate to email or call 918.772.4165.

Wado,
Cherokee Nation

7. TCNS Coordinator Anne Edwards-Martel Ms - Muscogee (Creek) Nation - Highway 75 & Loop 56 (PO Box: 580) Okmulgee, OK - mcntcns@mcn-nsn.gov; section106@mcn-nsn.gov - 918-732-7639 - regular mail

8. Cell Tower Coordinator Kelly Nelson - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road Wyandotte, OK - celltower@estoo.net - 918-238-5151 (ext: 1861) - regular mail
Exclusions: DO NOT EMAIL DOCUMENTATION; it will be deleted without being opened.
Submit one printed color copy by US postal mail or other parcel carrier of all documentation to:

Eastern Shawnee Tribe
Attn: CellTower Program
70500 E. 128 Rd.
Wyandotte, OK 74370

Provide a 1-page cover letter with the following information:
a. TCNS Number
b. Company Name
c. Project Name, City, County, State
d. Project type
e. Project coordinates
f. Contact information

The Eastern Shawnee Procedures document is available and highly recommended for guidance; send an email to celltower@estoo.net requesting our most current copy.

9. Tribal Administrator Russell Wind - Alabama Quassarte Tribal Town - (PO Box: 187) Wetumka, OK - rwind@alabama-quassarte.org; srobison@alabama-quassarte.org - 405-452-3881 - electronic mail
Exclusions: The Alabama Quassarte Tribal Town is unaware of any cultural or sacred sites located within the immediate project area. The AQTT's Historic Preservation Department concurs that there should be no adverse effect to any known historic properties and that work should proceed as planned. However, as the project is located in an area that is general historic interest to the Tribe, we request that work be stopped and our office contacted immediately if any Native American cultural materials or human remains are encountered.

If you have any questions, please contact our office at the number below.

Respectfully,

Alabama Quassarte Tribal Town
P.O. Box 187
Wetumka,Ok 74883
(P) 405-452-3881
(F) 405-452-3889

10. Mekko Ryan Morrow - Thlopthlocco Tribal Town - P.O. Box 188 Okemah, OK - thpo@tttown.org - 000-000-0000 - electronic mail
Exclusions: Thlopthlocco Tribal Town requests that all initial review materials required by applicable law be submitted by email directly to thpo@tttown.org. In addition, in the event archeological or cultural materials or human remains are discovered at any time during this undertaking, please notify Thlopthlocco Tribal Town immediately.

11. Cell t Kim Jumper - Shawnee Tribe - 29 South 69A Highway Miami, OK - tcns@shawnee-tribe.com - 918-542-2441 - electronic mail

12. THPO Larry Haikey - Poarch Band of Creek Indians - 5811 Jack Springs Road Atmore, AL - lhaikey@pci-nsn.gov - 251-368-9136 (ext: 2072) - electronic mail and regular mail

If the applicant/tower builder receives no response from the Poarch Band of Creek Indians within 30 days after notification through TCNS, the Poarch Band of Creek Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Poarch Band of Creek Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

The notification that you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA unless the project is excluded from SHPO review under Section III D or E of the NPA.

13. SHPO Lee Warner - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - lwarner@mail.preserveala.org - 334-242-3184 - electronic mail

14. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - ebrown@mail.preserveala.org - 334-242-3185 - electronic mail

15. Environmental Review Coordinator Renee GledhillEarley - NC State Historic Preservation Office - 4617 Mail Service Center Raleigh, NC - renee.gledhill-earley@ncmail.net - 919-733-4763 - electronic mail

16. Deputy SHPO David Brook - Historic Preservation Office - 4610 Mail Service Center Raleigh, NC - david.brook@ncmail.net - 919-807-7283 - electronic mail

17. Program Manager Jennifer Dixon - Georgia Historic Preservation Division - 2610 Georgia Highway 155 SW Stockbridge, GA - jennifer.dixon@dnr.ga.us - 770-389-7851 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 05/11/2021
Notification ID: 231366
Excluded from SHPO Review: No
Tower Owner Individual or Entity Name: Verizon Wireless
Consultant Name: Annalies Bennett
Street Address: 1515 Des Peres Road
Suite 200
City: St. Louis
State: MISSOURI
Zip Code: 63131
Phone: 314-997-6111
Email: tribal@trileaf.com

Structure Type: LTOWER - Lattice Tower
Latitude: 33 deg 51 min 30.7 sec N
Longitude: 85 deg 7 min 21.8 sec W
Location Description: Near Ben Davis Road
City: Buchanan
State: GEORGIA
County: HARALSON
Detailed Description of Project: Verizon Wireless proposes to construct a 261-foot self-support communications tower within a 10,000-square-foot lease area. Old TCNS 211331, reTCNS due to coordinate change.
Ground Elevation: 348.7 meters
Support Structure: 78.0 meters above ground level
Overall Structure: 79.6 meters above ground level
Overall Height AMSL: 428.3 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic Help Request form located on the FCC's website at:

https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fwww.fcc.gov%2fwireless%2favailable-support-services&c=E,1,JaAe7YXNOOQ3ZtXGAKz20QCp62fU8xtna7uDrqmYxeCg1V9H15IDE7ehBQg37wL6pim3tVYiQzgq06zJ0970H8MPPOf4hiWrRTQnZ4PPNu6n1e-_lDX7&typo=1

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 p.m. Eastern Time, Monday through

Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

TRILEAF

Professional Resume

COLIN BEAN

PROJECT ARCHAEOLOGIST

Education

M.A. Historical Archaeology
University of West Florida / Pensacola, FL

B.S. Anthropology
University of Tennessee Chattanooga / Chattanooga, TN

Areas of Expertise

Mr. Bean specializes in performing Phase I, II, and III historic and precontact archaeological fieldwork and assessment.
Mr. Bean has a background in historic North American archaeology with an emphasis on Spanish, British, and French early colonial settlement in Tennessee, Georgia, North Carolina, and Florida.
Mr. Bean's field experience includes performing, under Section 106, background research, historical research, archaeological field survey, testing, and data recovery efforts, and report writing for sites throughout the Southeast. Technical expertise includes creation and management of Geographic Information Systems, digital data collection and management, and geophysical survey.

Environmental service expertise includes:

Field Reconnaissance
Historic Topographic Maps and Aerial Imagery
Archaeological and Architectural Impacts
Soil Characterization
Section 106 Compliance
Form 620/621 Submittals
Land Use History

TRILEAF

Professional Resume

BENJAMIN ALLEN

PROJECT SCIENTIST II

Education

Biological Sciences, B. S.
Minor in Mathematics
University of Alabama in Huntsville / Huntsville, Al

Areas of Expertise

Mr. Allen has experience performing National Environmental Policy Act (NEPA) reviews for wireless telecommunications projects.

Environmental service expertise includes:

Phase I Environmental Site Assessments
Historical City Directories
Information Section 7 Consultation
National Wetland Inventory Maps
Flood Insurance Rate Maps
Critical Habitat Maps
Environmental Evaluation Summaries
Archaeological and Architectural Impacts
Soil Characterization
Field Reconnaissance
Section 106 Compliance
NEPA Environmental Assessments
Migratory Bird Evaluations
Form 620/621 Submittals
Historical Topographic Maps and Aerial Imagery
Local Government Consultation
Native American Consultation
Land Use History

Brian P. Kemp
Governor

Georgia® Department of Community Affairs

Christopher Nunn
Commissioner

June 29, 2021

Benjamin Allen
Project Scientist II
Trileaf Corporation
1395 South Marietta Parkway, Building 400, Suite 209
Marietta, GA 30067

RE: Cell Tower: 161'/261' Monopole/Self-Support, Ben Davis Road near Roy Dean Road, Buchanan
****Revised Tower Height, Design, and Location****
Haralson County, Georgia
HP-200625-003

Dear Mr. Allen:

The Historic Preservation Division (HPD) has received the additional information submitted regarding the proposed construction of a cellular communications tower at the above location. Our review is in accordance with the 2005 Nationwide Programmatic Agreement (NPA) among the Federal Communications Commission (FCC), the National Conference of State Historic Preservation Officers, and the Advisory Council on Historic Preservation (ACHP), for review under the National Historic Preservation Act of 1966, as amended.

The subject project initially consisted of the construction of a 161-foot (ft.) monopole cellular communications tower along Ben Davis Road near Roy Dean Road in Buchanan. It was previously determined that no historic properties that are eligible for or listed in the National Register of Historic Places (NRHP) would be affected by the project. The current submitted information includes a revised tower height, design, and location. It is HPD's understanding that the proposed tower height has increased from 161 ft. to 261 ft., the design has changed from a monopole to a self-support, the location has shifted approximately 30 ft. south, and the area of potential effect (APE) has increased from .5 mile to .75 mile. However, HPD continues to concur that no historic properties that are eligible for or listed in the NRHP will be affected by the proposed undertaking, as defined in 36 CFR Part 800.4(d)(1).

Please note that additional NRHP-eligible historic resources that have not been previously identified may be located within the project's APE. In the Section 106 process, it is the responsibility of the federal agency and its applicants to account for historic resources in the APE. However, requirements for identification and evaluation of historic properties established by the NPA do not address circumstances where only dated, incomplete, inadequate, or questionable resource identification information is available. Therefore, determinations noted herein are specific to FCC involvement as the federal agency and are in accordance with the requirements of the NPA.

This letter evidences consultation with our office for compliance with Section 106 of the NHPA. It is important to remember that any changes to this project as it is currently proposed may require additional consultation. HPD encourages federal agencies and project applicants to discuss such changes with our office to ensure that potential effects to historic properties are adequately considered in project planning.

Please refer to project number **HP-200625-003** in any future correspondence regarding this project. If we may be of further assistance, please contact Moira Church, Environmental Review Historian, at (404) 486-6374 or moira.church@dca.ga.gov.

Sincerely,

Jennifer Dixon, MHP, LEED Green Associate
Program Manager
Environmental Review & Preservation Planning

JAD/mmc

cc: Julianne Meadows, Northwest Georgia Regional Commission

From: towernotifyinfo@fcc.gov
To: Morgan Rasmussen
Subject: Section 106 Filing Update- Email ID #5878700
Date: Thursday, June 3, 2021 2:15:42 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

The following Section 106 filing has been updated:

File Number: 0009126473
TCNS Number: 231366
Purpose: Update
Original Purpose: New Tower Submission Packet

Notification Date: 7AM EST 06/04/2021

Applicant: Verizon Wireless
Consultant: Trileaf Corporation
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No
Site Name: Meriadoc - A
Site Address: Near Ben Davis Road
Detailed Description of Project: Verizon Wireless proposes to construct a 261-foot self-support communications tower within a 10,000-square-foot lease area. Old TCNS 211331, reTCNS due to coordinate change.
Site Coordinates: 33-51-30.7 N, 85-7-21.8 W
City: Buchanan
County: HARALSON
State:GA
Lead SHPO/THPO: Georgia Historic Preservation Division

Consultant Contact Information:
Name: Trileaf Corporation
Title:
PO Box:
Address: 1395 S Marietta Parkway
Building 400, Suite 209
City: Marietta
State: GA
Zip: 30067
Phone: 678-653-8673
Fax:
Email: m.rasmussen@trileaf.com

NOTICE OF FRAUDULENT USE OF SYSTEM, ABUSE OF PASSWORD AND RELATED MISUSE
Use of the Section 106 system is intended to facilitate consultation under Section 106 of the National Historic Preservation Act and may contain information that is confidential, privileged or otherwise protected from disclosure under applicable laws. Any person having access to

Section 106 information shall use it only for its intended purpose. Appropriate action will be taken with respect to any misuse of the system.

Tribal Summary Table

Site: Meriadoc - A | **Site ID: 15967649**

TCNS Number: 231366 | **TCNS Initial Notification Date: May 14, 2021**

Tribe	TCNS auto-reply	Follow Up Request from Tribe		Follow Up(s) to Tribe		Final Reply		FCC Referral	Standing Agreements & Comments	GFP Utilized?
		Date	Requested Information	Date	Sent	Date	Comments			
Alabama-Coushatta Tribe of Texas				6/4/2021	Sent Letter & Form 620/621	7/23/2021	Cleared by Referral	7/8/2021		No
Alabama-Quassarte Tribal Town	Notify of inadvertent discovery					5/14/2021	Cleared per NOO			No
Cherokee Nation				6/4/2021	Sent Letter & Form 620/621	6/10/2021	No interest in tower project - Requests inadvertent discovery notification.			No
Coushatta Indian Tribe				6/4/2021	Sent Letter & Form 620/621	7/23/2021	Cleared by Referral	7/8/2021		No
Eastern Shawnee Tribe of Oklahoma				6/4/2021	Sent Letter & Form 620/621	5/21/2021	No Adverse Effect - Requests inadvertent discovery notification.			No
Kialegee Tribal Town				6/4/2021	Sent Letter & Form 620/621	7/23/2021	Cleared by Referral	7/8/2021		No
Muscogee Creek Nation				6/4/2021	Sent Letter & Form 620/621	7/30/2021	Cleared by Referral	7/15/2021		No
Poarch Band of Creek Indians	30 days no interest Notify of inadvertent discovery			6/4/2021	Sent Letter & Form 620/621	7/4/2021	Cleared per NOO			No
Seminole Nation of Oklahoma	30 days no interest Notify of inadvertent discovery			6/4/2021	Sent Letter & Form 620/621	7/4/2021	Cleared per NOO			No
Seminole Tribe of Florida				6/4/2021	Sent Letter & Form 620/621	7/23/2021	Cleared by Referral	7/8/2021		No
Shawnee Tribe				6/4/2021	Sent Letter & Form 620/621	7/23/2021	Cleared by Referral	7/8/2021		No
Thlopthlocco Tribal Town	Notify of inadvertent discovery			6/4/2021	Sent Letter & Form 620/621	7/23/2021	Cleared by Referral	7/8/2021		No

From: towernotifyinfo@fcc.gov
To: tribal
Cc: tcnsweekly@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #7700863
Date: Friday, May 14, 2021 2:03:31 AM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Applicant:

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this electronic mail message is to inform you that the following authorized persons were sent the notification that you provided through TCNS, which relates to your proposed antenna structure. The information was forwarded by the FCC to authorized TCNS users by electronic mail and/or regular mail (letter). We note that the review period for all parties begins upon receipt of the Submission Packet pursuant to Section VII.A of the NPA and notifications that do not provide this serve as information only.

Persons who have received the notification that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribal Nations"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribal Nations and NHOs and in making further contacts, the City and State of the Seat of Government for each Tribal Nation and NHO, as well as the designated contact person, is included in the listing below. We note that Tribal Nations may have Section 106 cultural interests in ancestral homelands or other locations that are far removed from their current Seat of Government. Pursuant to the Commission's rules as set forth in the Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission (NPA), all Tribal Nations and NHOs listed below must be afforded a reasonable opportunity to respond to this notification, consistent with the procedures set forth below, unless the proposed construction falls within an exclusion designated by the Tribal Nation or NHO. (NPA, Section IV.F.4).

The notification that you provided was forwarded to the following Tribal Nations and NHOs. A Tribal Nation or NHO may not respond until a full Submission Packet is provided. If, upon receipt, the Tribal Nation or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribal Nation or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event a Tribal Nation or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribal Nation or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Second Report and Order released on March 30, 2018 (FCC 18-30).

1. Historic Preservation Officer Bryant J Celestine - Alabama-Coushatta Tribe of Texas - 571 State Park Road 56 Livingston, TX - Celestine.bryant@actribe.org - 936-563-1100 - electronic mail

2. THPO Linda P Langley - Coushatta Indian Tribe - (PO Box: 10) Elton, LA - llangley@coushattatribela.org - 337-584-1560 - electronic mail

3. Compliance Review Supervisor THPO Compliance - Seminole Tribe of Florida - 30290 Josie Billie Hwy PMB 1004 Clewiston, FL - THPOcompliance@semtribe.com - 863-983-6549 (ext: 12245) - electronic mail

4. Tribal Administrator David Cook - Kialegee Tribal Town - (PO Box: 332) Wetumka, OK - david.cook@kialegeetribe.net; jeremiah.hobia@kialegeetribe.net - 405-452-3262 (ext: 15) - electronic mail and regular mail

5. Historic Preservation Officer Brigita Leader - Seminole Nation of Oklahoma - (PO Box: 1498) Wewoka, OK - tcns-sno@sno-nsn.gov - 405-234-5218 - electronic mail
Exclusions: Please send all inquiries to email address: tcns-sno@sno-nsn.gov

If the applicant/tower builder receives no response from the Seminole Nation of Oklahoma within 30 days after notification through TCNS, the Seminole Nation of Oklahoma has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Seminole Nation of Oklahoma in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

6. Gwen Terrapin - Cherokee Nation - (PO Box: 948) Tahlequah, OK - historicpreservation@cherokee.org; gwen-terrapin@cherokee.org - 918-772-4165 - electronic mail
Exclusions: Please email all review documents for FCC Form 620/621 (i.e. archeologist report, photos, SHPO response, etc.) to historicpreservation@cherokee.org or gwen-terrapin@cherokee.org. You may also mail a cover letter and a CD or flash drive containing the review documents and FCC forms to: Cherokee Nation: Attn: Gwen Terrapin, PO Box 948, Tahlequah, OK 74465. Should you have any questions, please do not hesitate to email or call 918.772.4165.

Wado,
Cherokee Nation

7. TCNS Coordinator Anne Edwards-Martel Ms - Muscogee (Creek) Nation - Highway 75 & Loop 56 (PO Box: 580) Okmulgee, OK - mcntcns@mcn-nsn.gov; section106@mcn-nsn.gov - 918-732-7639 - regular mail

8. Cell Tower Coordinator Kelly Nelson - Eastern Shawnee Tribe of Oklahoma - 70500 East 128 Road Wyandotte, OK - celltower@estoo.net - 918-238-5151 (ext: 1861) - regular mail
Exclusions: DO NOT EMAIL DOCUMENTATION; it will be deleted without being opened.
Submit one printed color copy by US postal mail or other parcel carrier of all documentation to:

Eastern Shawnee Tribe
Attn: CellTower Program
70500 E. 128 Rd.
Wyandotte, OK 74370

Provide a 1-page cover letter with the following information:
a. TCNS Number
b. Company Name
c. Project Name, City, County, State
d. Project type
e. Project coordinates
f. Contact information

The Eastern Shawnee Procedures document is available and highly recommended for guidance; send an email to celltower@estoo.net requesting our most current copy.

9. Tribal Administrator Russell Wind - Alabama Quassarte Tribal Town - (PO Box: 187) Wetumka, OK - rwind@alabama-quassarte.org; srobison@alabama-quassarte.org - 405-452-3881 - electronic mail
Exclusions: The Alabama Quassarte Tribal Town is unaware of any cultural or sacred sites located within the immediate project area. The AQTT's Historic Preservation Department concurs that there should be no adverse effect to any known historic properties and that work should proceed as planned. However, as the project is located in an area that is general historic interest to the Tribe, we request that work be stopped and our office contacted immediately if any Native American cultural materials or human remains are encountered.

If you have any questions, please contact our office at the number below.

Respectfully,

Alabama Quassarte Tribal Town
P.O. Box 187
Wetumka,Ok 74883
(P) 405-452-3881
(F) 405-452-3889

10. Mekko Ryan Morrow - Thlopthlocco Tribal Town - P.O. Box 188 Okemah, OK - thpo@tttown.org - 000-000-0000 - electronic mail
Exclusions: Thlopthlocco Tribal Town requests that all initial review materials required by applicable law be submitted by email directly to thpo@tttown.org. In addition, in the event archeological or cultural materials or human remains are discovered at any time during this undertaking, please notify Thlopthlocco Tribal Town immediately.

11. Cell t Kim Jumper - Shawnee Tribe - 29 South 69A Highway Miami, OK - tcns@shawnee-tribe.com - 918-542-2441 - electronic mail

12. THPO Larry Haikey - Poarch Band of Creek Indians - 5811 Jack Springs Road Atmore, AL - lhaikey@pci-nsn.gov - 251-368-9136 (ext: 2072) - electronic mail and regular mail

If the applicant/tower builder receives no response from the Poarch Band of Creek Indians within 30 days after notification through TCNS, the Poarch Band of Creek Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Poarch Band of Creek Indians in the event archaeological properties or human remains are discovered during construction, consistent with Section IX of the Nationwide Programmatic Agreement and applicable law.

The notification that you provided was also forwarded to the following SHPOs in the State in which you propose to construct and neighboring States. The information was provided to these SHPOs as a courtesy for their information and planning. You need make no effort at this time to follow up with any SHPO that does not respond to this notification. Prior to construction, you must provide the SHPO of the State in which you propose to construct (or the Tribal Historic Preservation Officer, if the project will be located on certain Tribal lands), with a Submission Packet pursuant to Section VII.A of the NPA unless the project is excluded from SHPO review under Section III D or E of the NPA.

13. SHPO Lee Warner - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - lwarner@mail.preserveala.org - 334-242-3184 - electronic mail

14. Deputy SHPO Elizabeth Ann Brown - Alabama Historical Commission - 468 South Perry Street Montgomery, AL - ebrown@mail.preserveala.org - 334-242-3185 - electronic mail

15. Environmental Review Coordinator Renee GledhillEarley - NC State Historic Preservation Office - 4617 Mail Service Center Raleigh, NC - renee.gledhill-earley@ncmail.net - 919-733-4763 - electronic mail

16. Deputy SHPO David Brook - Historic Preservation Office - 4610 Mail Service Center Raleigh, NC - david.brook@ncmail.net - 919-807-7283 - electronic mail

17. Program Manager Jennifer Dixon - Georgia Historic Preservation Division - 2610 Georgia Highway 155 SW Stockbridge, GA - jennifer.dixon@dnr.ga.us - 770-389-7851 - electronic mail

TCNS automatically forwards all notifications to all Tribal Nations and SHPOs that have an expressed interest in the geographic area of a proposal. However, if a proposal for PTC wayside poles falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribal Nation or SHPO. In addition, a particular Tribal Nation or SHPO may also set forth policies or procedures within its details box that exclude from review certain facilities (for example, a statement that it does not review collocations with no ground disturbance; or that indicates that no response within 30 days indicates no interest in participating in pre-construction review).

Please be advised that the FCC cannot guarantee that the contact(s) listed above have opened and reviewed an electronic or regular mail notification. If you learn that any of the above contact information is no longer valid, please contact the FCC by emailing tcnshelp@fcc.gov. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 05/11/2021
Notification ID: 231366
Excluded from SHPO Review: No
Tower Owner Individual or Entity Name: Verizon Wireless
Consultant Name: Annalies Bennett
Street Address: 1515 Des Peres Road
Suite 200
City: St. Louis
State: MISSOURI
Zip Code: 63131
Phone: 314-997-6111
Email: tribal@trileaf.com

Structure Type: LTOWER - Lattice Tower
Latitude: 33 deg 51 min 30.7 sec N
Longitude: 85 deg 7 min 21.8 sec W
Location Description: Near Ben Davis Road
City: Buchanan
State: GEORGIA
County: HARALSON
Detailed Description of Project: Verizon Wireless proposes to construct a 261-foot self-support communications tower within a 10,000-square-foot lease area. Old TCNS 211331, reTCNS due to coordinate change.
Ground Elevation: 348.7 meters
Support Structure: 78.0 meters above ground level
Overall Structure: 79.6 meters above ground level
Overall Height AMSL: 428.3 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic Help Request form located on the FCC's website at:

https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fwww.fcc.gov%2fwireless%2favailable-support-services&c=E,1,JaAe7YXNOOQ3ZtXGAKz20QCp62fU8xtna7uDrqmYxeCg1V9H15IDE7ehBQg37wL6pim3tVYiQzgq06zJ0970H8MPPOf4hiWrRTQnZ4PPNu6n1e-_lDX7&typo=1

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8:00 a.m. to 6:00 p.m. Eastern Time, Monday through

Friday (except Federal holidays). To provide quality service and ensure security, all telephone calls are recorded.

Thank you,
Federal Communications Commission

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

June 4, 2021

Alabama-Coushatta Tribe of Texas
Mr. Bryant Celestine
571 State Park Road 56
Livingston, TX 77351

RE: CellCo Partnership and its Controlled Affiliates Doing Business as Verizon Wireless
Trileaf Project # 667545 / 15967649 / Meriadoc - A
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Mr. Celestine:

This project was originally submitted in TCNS on 5/14/2021. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

This project was originally under TCNS #211331 on June 19, 2020. Since the time of your review the project has been revised. The client now proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

The form 620/621 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Annalies Bennett

Annalies Bennett
Senior Tribal Consultation Manager

From: towernotifyinfo@fcc.gov
To: tribal
Cc: tcnsweekly@fcc.gov
Subject: Proposed Construction of Communications Facilities Notification of Final Contacts - Email ID #29706
Date: Thursday, July 8, 2021 8:01:25 AM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Verizon Wireless
Annalies Bennett
1515 Des Peres Rd.
Suite 200
St. Louis, MO 63131

Dear Applicant:

This letter addresses the proposed communications facilities listed below that you have referred to the Federal Communications Commission (Commission) for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages (collectively Indian Tribes), and Native Hawaiian Organizations (NHOs), as specified by Section IV.G of the Nationwide Programmatic Agreement (NPA). Consistent with the procedures outlined in the Commission's Wireless Infrastructure Second Report and Order (1), we have contacted the Indian Tribes or NHOs identified in the attached Table for the projects listed in the attached Table. You referred these projects to us between 07/01/2021 and 07/08/2021. Our contact with these Tribal Nations or NHOs was sent on 07/08/2021.

Thus, as described in the Wireless Infrastructure Second Report and Order (2), if you or Commission staff do not receive a statement of interest regarding a particular project from any Tribe or NHO within 15 calendar days of 07/08/2021, your obligations under Section IV of the NPA with respect to these Tribal Nations or NHOs are complete. If a Tribal Nation or NHO responds that it has concerns about a historic property of traditional religious and cultural significance that may be affected by the proposed construction within the 15 calendar day period, the Applicant must involve it in the review as set forth in the NPA, and may not begin construction until the process set forth in the NPA is completed.

You are reminded that Section IX of the NPA imposes independent obligations on an Applicant when a previously unidentified site that may be a historic property, including an archeological property, is discovered during construction or after the completion of review. In such instances, the Applicant must cease construction and promptly notify, among others, any potentially affected Tribal Nation or NHO. A Tribal Nation's or NHO's failure to express interest in participating in pre-construction review of an undertaking does not necessarily mean it is not interested in archeological properties or human remains that may inadvertently be discovered during construction. Hence, an Applicant is still required to notify any potentially affected Tribal Nation or NHO of any such finds pursuant to Section IX or other applicable law.

Sincerely,
Jill Springer
Federal Preservation Officer
Federal Communications Commission
jill.springer@fcc.gov

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1) See Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Deployment, Second Report and Order, FCC 18-30 (Mar. 30, 2018) (Wireless Infrastructure Second Report and Order).
2) See id. at paras. 111-112.

LIST OF PROPOSED COMMUNICATIONS TOWERS

Tribe Name: Thlopthlocco Tribal Town

TCNS# 231093 Referred Date: 07/07/2021 Location: 2900 35th Avenue S, Minneapolis, MN
Detailed Description of Project: Verizon Wireless proposes to install small cell antenna on a proposed 30-foot (30.1-foot overall) steel pole. All equipment will be located on the pole. This site is currently a manicured grass lawn in a public right-of-way.

Tribe Name: Cheyenne-Arapaho Tribes of Oklahoma
Tribe Name: Crow Tribe
Tribe Name: Flandreau Santee Sioux Tribe
Tribe Name: Fort Peck Tribes
Tribe Name: Ho-Chunk Nation
Tribe Name: Iowa Tribe of Oklahoma
Tribe Name: Keweenaw Bay Indian Community
Tribe Name: Lac Vieux Desert Band of Lake Superior Chippewa Indians
Tribe Name: Lower Brule Sioux Tribe
Tribe Name: Mille Lacs Band of Ojibwe Indians
Tribe Name: Omaha Tribe of Nebraska
Tribe Name: Otoe-Missouria Tribe of Indians
Tribe Name: Ottawa Tribe of Oklahoma
Tribe Name: Ponca Tribe of Indians of Oklahoma
Tribe Name: Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin
Tribe Name: Santee Sioux Nation
Tribe Name: Turtle Mountain Band of Chippewa
Tribe Name: Wyandotte Nation
Tribe Name: Yankton Sioux Tribe

TCNS# 231282 Referred Date: 07/07/2021 Location: 500 Maddox Road, Gordon, GA
Detailed Description of Project: Tillman Infrastructure, LLC proposes to construct a 190-foot self-support communications tower with an overall height of 215 feet within a 100-foot by 100-foot (10,000 square-feet) lease area.

Tribe Name: Coushatta Indian Tribe
Tribe Name: Kialegee Tribal Town
Tribe Name: Seminole Tribe of Florida
Tribe Name: Shawnee Tribe
Tribe Name: Thlopthlocco Tribal Town

TCNS# 231366 Referred Date: 07/07/2021 Location: Near Ben Davis Road, Buchanan, GA
Detailed Description of Project: Verizon Wireless proposes to construct a 261-foot self-support communications tower within a 10,000-square-foot lease area. Old TCNS 211331, reTCNS due to coordinate change.

Tribe Name: Alabama-Coushatta Tribe of Texas
Tribe Name: Coushatta Indian Tribe
Tribe Name: Kialegee Tribal Town
Tribe Name: Seminole Tribe of Florida
Tribe Name: Shawnee Tribe
Tribe Name: Thlopthlocco Tribal Town

TCNS# 231430 Referred Date: 07/07/2021 Location: 505 Congress Avenue, Havre de Grace, MD
Detailed Description of Project: Our client proposes to remove 12 existing antennas and install 9 new replacement antennas at a radial center height of 67 feet on a 82-foot building with an overall building height of 86 feet.

Tribe Name: Delaware Nation
Tribe Name: Seneca-Cayuga Nation
Tribe Name: Shawnee Tribe
Tribe Name: Wyandotte Nation

TCNS# 231112 Referred Date: 07/07/2021 Location: 4701-4707 Delmar Boulevard, St. Louis, MO
Detailed Description of Project: Verizon Wireless proposes to replace a 24.9-foot light pole with a 33.3-foot public lighting structure communications tower with an overall height of 38.9 feet including attachments. Associated

From:	towernotifyinfo@fcc.gov
To:	tribal
Cc:	tcns.fccarchive@fcc.gov; historicpreservation@cherokee.org; gwen-terrapin@cherokee.org
Subject:	Reply to Proposed Tower Structure (Notification ID: 231366) - Email ID #7747845
Date:	Thursday, June 10, 2021 3:22:00 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Annalies Bennett,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Gwen Terrapin of the Cherokee Nation in reference to Notification ID #231366:

The Cherokee Nation has no interest in tower project TCNS No. 231366 located in Haralson County, GA.

However, due to the historic presence of our people in the project area, inadvertent discoveries of human remains and related NAGPRA items may occur, even in areas of existing or prior development. Should this occur, we request all work cease and Cherokee Nation be notified immediately at (918) 772-4165. In such discovery, the Cherokee Nation requests that you conduct appropriate inquiries with other pertinent Tribal and Historic Preservation Offices immediately regarding historic and prehistoric resources not included in the CN databases or records.

Should you have any further questions, please do not hesitate to call.

Wado,
Cherokee Nation

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 05/11/2021
Notification ID: 231366
Tower Owner Individual or Entity Name: Verizon Wireless
Consultant Name: Annalies Bennett
Street Address: 1515 Des Peres Road
Suite 200
City: St. Louis
State: MISSOURI
Zip Code: 63131
Phone: 314-997-6111
Email: tribal@trileaf.com

Structure Type: LTOWER - Lattice Tower
Latitude: 33 deg 51 min 30.7 sec N

Longitude: 85 deg 7 min 21.8 sec W
Location Description: Near Ben Davis Road
City: Buchanan
State: GEORGIA
County: HARALSON

Detailed Description of Project: Verizon Wireless proposes to construct a 261-foot self-support communications tower within a 10,000-square-foot lease area. Old TCNS 211331, reTCNS due to coordinate change.
Ground Elevation: 348.7 meters
Support Structure: 78.0 meters above ground level
Overall Structure: 79.6 meters above ground level
Overall Height AMSL: 428.3 meters above mean sea level

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1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

June 4, 2021

Coushatta Indian Tribe
Dr. Linda Langley
P.O. Box 10
Elton, LA 70532

RE: CellCo Partnership and its Controlled Affiliates Doing Business as Verizon Wireless
Trileaf Project # 667545 / 15967649 / Meriadoc - A
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Dr. Langley:

This project was originally submitted in TCNS on 5/14/2021. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

This project was originally under TCNS #211331 on June 19, 2020. Since the time of your review the project has been revised. The client now proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

The form 620/621 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Annalies Bennett

Annalies Bennett
Senior Tribal Consultation Manager

tion ID 231366 are shown.

Reply Information

Reply Date: **05/21/2021**

Name of Replier: **Kelly Nelson, Eastern Shawnee Tribe of Oklahoma**

Message

The Cultural Preservation Department of the Eastern Shawnee Tribe of Oklahoma (ESTO) has received the documentation for the referenced TCNS project. ESTO has reviewed the project in accordance with Section 106 of the National Historic Preservation Act (NHPA). Based on the information provided and a review of our records, we find that this project will have No Adverse Effect on properties of sacred and/or cultural significance to the Tribe. The project site is within the known regional area of the Shawneeprehistorically and historically, be aware of inadvertent discoveries. However, ESTO has no objection to the project proceeding as described. Please note that any future changes to this project will require additional consultation. In accordance with the NHPA of 1966 (16 U.S.C. § 470-470w-6), federally funded, licensed, or permitted undertakings that are subject to the Section 106 review process must determine effects to significant historic properties. As clarified in Section 101(d)(6)(A-B), historicproperties may have religious and/or cultural significance to Indian Tribes. Section 106 of NHPA requires Federal agencies to consider the effects of their actions on all significant historic properties (36 CFR Part 800) as does the National Environmental Policy Act of 1969 (43 U.S.C. § 4321-4347 and 40 CFR § 1501.7(a). However, if during construction cultural objects or human remains are inadvertently discovered, please stop work immediately and contact the Cultural Preservation Department of the Eastern Shawnee Tribe of Oklahoma. (918)238-5151 x1861 Neyiwa, Kelly Nelson Cell Tower Coordinator Eastern Shawnee Tribe of Oklahoma

TRILEAF
environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

June 4, 2021

Kialegee Tribal Town
Mr. David Cook
P.O. Box 332
Wetumka, OK 74883

RE: CellCo Partnership and its Controlled Affiliates Doing Business as Verizon Wireless
Trileaf Project # 667545 / 15967649 / Meriadoc - A
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Mr. Cook:

This project was originally submitted in TCNS on 5/14/2021. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

This project was originally under TCNS #211331 on June 19, 2020. Since the time of your review the project has been revised. The client now proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

The form 620/621 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Annalies Bennett

Annalies Bennett
Senior Tribal Consultation Manager

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environmental architecture engineering
1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

June 4, 2021

Muscogee Creek Nation
Ms. Anne Edwards Martel
P.O. Box 580
Highway 75 and Loop 56
Okmulgee, OK 74447

RE: CellCo Partnership and its Controlled Affiliates Doing Business as Verizon Wireless
Trileaf Project # 667545 / 15967649 / Meriadoc - A
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Ms. Martel:

This project was originally submitted in TCNS on 5/14/2021. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

This project was originally under TCNS #211331 on June 19, 2020. Since the time of your review the project has been revised. The client now proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

The form 620/621 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Annalies Bennett

Annalies Bennett
Senior Tribal Consultation Manager

From: towernotifyinfo@fcc.gov
To: tribal
Cc: tcnsweekly@fcc.gov
Subject: Proposed Construction of Communications Facilities Notification of Final Contacts - Email ID #29748
Date: Thursday, July 15, 2021 8:02:55 AM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Verizon Wireless
Annalies Bennett
1515 Des Peres Rd.
Suite 200
St. Louis, MO 63131

Dear Applicant:

This letter addresses the proposed communications facilities listed below that you have referred to the Federal Communications Commission (Commission) for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages (collectively Indian Tribes), and Native Hawaiian Organizations (NHOs), as specified by Section IV.G of the Nationwide Programmatic Agreement (NPA). Consistent with the procedures outlined in the Commission's Wireless Infrastructure Second Report and Order (1), we have contacted the Indian Tribes or NHOs identified in the attached Table for the projects listed in the attached Table. You referred these projects to us between 07/08/2021 and 07/15/2021. Our contact with these Tribal Nations or NHOs was sent on 07/15/2021.

Thus, as described in the Wireless Infrastructure Second Report and Order (2), if you or Commission staff do not receive a statement of interest regarding a particular project from any Tribe or NHO within 15 calendar days of 07/15/2021, your obligations under Section IV of the NPA with respect to these Tribal Nations or NHOs are complete. If a Tribal Nation or NHO responds that it has concerns about a historic property of traditional religious and cultural significance that may be affected by the proposed construction within the 15 calendar day period, the Applicant must involve it in the review as set forth in the NPA, and may not begin construction until the process set forth in the NPA is completed.

You are reminded that Section IX of the NPA imposes independent obligations on an Applicant when a previously unidentified site that may be a historic property, including an archeological property, is discovered during construction or after the completion of review. In such instances, the Applicant must cease construction and promptly notify, among others, any potentially affected Tribal Nation or NHO. A Tribal Nation's or NHO's failure to express interest in participating in pre-construction review of an undertaking does not necessarily mean it is not interested in archeological properties or human remains that may inadvertently be discovered during construction. Hence, an Applicant is still required to notify any potentially affected Tribal Nation or NHO of any such finds pursuant to Section IX or other applicable law.

Sincerely,
Jill Springer
Federal Preservation Officer
Federal Communications Commission
jill.springer@fcc.gov

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1) See Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Deployment, Second Report and Order, FCC 18-30 (Mar. 30, 2018) (Wireless Infrastructure Second Report and Order).
2) See id. at paras. 111-112.

LIST OF PROPOSED COMMUNICATIONS TOWERS

Tribe Name: Iowa Tribe of Oklahoma
Tribe Name: Keweenaw Bay Indian Community
Tribe Name: Lac Vieux Desert Band of Lake Superior Chippewa Indians
Tribe Name: Lower Brule Sioux Tribe
Tribe Name: Mille Lacs Band of Ojibwe Indians
Tribe Name: Omaha Tribe of Nebraska
Tribe Name: Otoe-Missouria Tribe of Indians
Tribe Name: Ottawa Tribe of Oklahoma
Tribe Name: Ponca Tribe of Indians of Oklahoma
Tribe Name: Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin
Tribe Name: Santee Sioux Nation
Tribe Name: Turtle Mountain Band of Chippewa
Tribe Name: Wyandotte Nation
Tribe Name: Yankton Sioux Tribe

TCNS# 231365 Referred Date: 07/14/2021 Location: 7300 County Road 21, Demopolis, AL
Detailed Description of Project: Tillman Infrastructure, LLC proposes to construct a 325-foot Guyed Communications Tower with an overall height of 350 feet.
Tribe Name: Muscogee (Creek) Nation

TCNS# 231366 Referred Date: 07/14/2021 Location: Near Ben Davis Road, Buchanan, GA
Detailed Description of Project: Verizon Wireless proposes to construct a 261-foot self-support communications tower within a 10,000-square-foot lease area. Old TCNS 211331, reTCNS due to coordinate change.
Tribe Name: Muscogee (Creek) Nation

TCNS# 231402 Referred Date: 07/14/2021 Location: 125 W Orchard Street, Itasca, IL
Detailed Description of Project: Verizon Wireless proposes to install small cell antenna on a proposed 27-foot-tall decorative pole. All equipment will be installed on the pole. The site is currently a manicured grass lawn in a public right-of-way.
Tribe Name: Absentee-Shawnee Tribe of Indians of Oklahoma
Tribe Name: Chippewa Cree Tribe of the Rocky Boy's Reservation
Tribe Name: Citizen Potawatomi Nation
Tribe Name: Ho-Chunk Nation
Tribe Name: Iowa Tribe of Oklahoma
Tribe Name: Kaw Nation
Tribe Name: Omaha Tribe of Nebraska
Tribe Name: Otoe-Missouria Tribe of Indians
Tribe Name: Ottawa Tribe of Oklahoma
Tribe Name: Peoria Tribe of Indians of Oklahoma
Tribe Name: Ponca Tribe of Indians of Oklahoma
Tribe Name: Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin
Tribe Name: Sac & Fox Tribe of the Mississippi in Iowa
Tribe Name: Sac and Fox Nation
Tribe Name: Sac and Fox Nation of Missouri
Tribe Name: Santee Sioux Nation
Tribe Name: Shawnee Tribe
Tribe Name: Wyandotte Nation

TCNS# 231495 Referred Date: 07/14/2021 Location: 1722 Cass Ave., St. Louis, MO
Detailed Description of Project: Verizon Wireless proposes to replace an existing 25-foot light pole with a 39-foot public lighting structure communications tower. Associated equipment will be located within the immediate vicinity of the tower.
Tribe Name: Seneca-Cayuga Nation

TCNS# 229816 Referred Date: 07/14/2021 Location: 1243 Stuart Street, Fort Collins, CO
Detailed Description of Project: Verizon proposes to replace a 30-ft pole with a 36'7" public lighting structure and collocate small cell antennas on top of the structure. Associated equipment will be located on the pole and within the

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June 4, 2021

Poarch Band of Creek Indians
Mr. Larry Haikey
5811 Jack Springs Road
Atmore, AL 36502

RE: CellCo Partnership and its Controlled Affiliates Doing Business as Verizon Wireless
Trileaf Project # 667545 / 15967649 / Meriadoc - A
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Mr. Haikey:

This project was originally submitted in TCNS on 5/14/2021. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

This project was originally under TCNS #211331 on June 19, 2020. Since the time of your review the project has been revised. The client now proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

The form 620/621 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Annalies Bennett

Annalies Bennett
Senior Tribal Consultation Manager

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June 4, 2021

Seminole Nation of Oklahoma
Ms. Brigita Leader
P.O.Box 1498
Wewoka, OK 74884

RE: CellCo Partnership and its Controlled Affiliates Doing Business as Verizon Wireless
Trileaf Project # 667545 / 15967649 / Meriadoc - A
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Ms. Leader:

This project was originally submitted in TCNS on 5/14/2021. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

This project was originally under TCNS #211331 on June 19, 2020. Since the time of your review the project has been revised. The client now proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

The form 620/621 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Annalies Bennett

Annalies Bennett
Senior Tribal Consultation Manager

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June 4, 2021

Seminole Tribe of Florida
Mr. Bradley Mueller
Accounts Receivable
6300 Stirling Road
Hollywood, FL 33024

RE: CellCo Partnership and its Controlled Affiliates Doing Business as Verizon Wireless
Trileaf Project # 667545 / 15967649 / Meriadoc - A
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Mr. Mueller:

This project was originally submitted in TCNS on 5/14/2021. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

This project was originally under TCNS #211331 on June 19, 2020. Since the time of your review the project has been revised. The client now proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

The form 620/621 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Annalies Bennett

Annalies Bennett
Senior Tribal Consultation Manager

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June 4, 2021

Shawnee Tribe
Ms. Kim Jumper
29 South Highway 69A
Miami, OK 74354

RE: CellCo Partnership and its Controlled Affiliates Doing Business as Verizon Wireless
Trileaf Project # 667545 / 15967649 / Meriadoc - A
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Ms. Jumper:

This project was originally submitted in TCNS on 5/14/2021. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

This project was originally under TCNS #211331 on June 19, 2020. Since the time of your review the project has been revised. The client now proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

The form 620/621 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Annalies Bennett

Annalies Bennett
Senior Tribal Consultation Manager

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1515 Des Peres Road, Suite 200, Saint Louis, Missouri 63131 - 314.997.6111 www.trileaf.com

June 4, 2021

Thlopthlocco Tribal Town
Mekko Ryan Morrow
P.O. Box 188
Okemah, OK 74859

RE: CellCo Partnership and its Controlled Affiliates Doing Business as Verizon Wireless
Trileaf Project # 667545 / 15967649 / Meriadoc - A
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

Dear Mekko Morrow:

This project was originally submitted in TCNS on 5/14/2021. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

This project was originally under TCNS #211331 on June 19, 2020. Since the time of your review the project has been revised. The client now proposes to construct a 256-foot Self-Support Communications Tower with an overall height of 261 feet and associated equipment in a 60-foot by 60-foot fenced compound within a 100-foot by 100-foot (10,000-square-foot) lease area. The project includes an access/utility easement, measuring 30 feet wide, containing a 12-foot gravel drive, extending approximately 215 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within wooded land.

The form 620/621 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Annalies Bennett

Annalies Bennett
Senior Tribal Consultation Manager

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July 30, 2021

RE: CellCo Partnership and its Controlled Affiliates Doing Business as Verizon Wireless
Trileaf Project # 667545 / 15967649 / Meriadoc - A
Near Ben Davis Road, Buchanan, Haralson County, GA 30113
Latitude: 33° 51' 30.74" N, Longitude: 85° 7' 21.76" W
TCNS # 231366

All notified Tribes either responded that no issues existed with the proposed action or communication was referred to the FCC through the TCNS system and the appropriate waiting time has expired.

This also certifies that should I receive in the future any Tribal request regarding this site, Trileaf Corporation will notify Verizon Wireless immediately.

Sincerely,

Annalies Bennett

Annalies Bennett
Senior Tribal Consultation Manager

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June 29, 2020

Alabama Quassarte Tribal Town
Ms. Janice Lowe
Aqeda Tribal Heritage Center
P.O. Box 187
Wetumka, OK 74883

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

Dear Ms. Lowe:

This project was originally submitted in TCNS on June 19, 2020. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area.

The form 620 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email m.okai@trileaf.com or tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Mindi Okai

Mindi Okai
Tribal Consultation Manager

From: towernotifyinfo@fcc.gov
To: tribal
Cc: tcnsweekly@fcc.gov
Subject: Proposed Construction of Communications Facilities Notification of Final Contacts - Email ID #27173
Date: Thursday, August 6, 2020 8:04:30 AM

Verizon Wireless
Mindi L Okai
10845 Olive Blvd.
Suite 260
St. Louis, MO 63141

Dear Applicant:

This letter addresses the proposed communications facilities listed below that you have referred to the Federal Communications Commission (Commission) for purposes of contacting federally recognized Indian Tribes, including Alaska Native Villages (collectively Indian Tribes), and Native Hawaiian Organizations (NHOs), as specified by Section IV.G of the Nationwide Programmatic Agreement (NPA). Consistent with the procedures outlined in the Commission's Wireless Infrastructure Second Report and Order (1), we have contacted the Indian Tribes or NHOs identified in the attached Table for the projects listed in the attached Table. You referred these projects to us between 07/30/2020 and 08/06/2020. Our contact with these Tribal Nations or NHOs was sent on 08/06/2020.

Thus, as described in the Wireless Infrastructure Second Report and Order (2), if you or Commission staff do not receive a statement of interest regarding a particular project from any Tribe or NHO within 15 calendar days of 08/06/2020, your obligations under Section IV of the NPA with respect to these Tribal Nations or NHOs are complete. If a Tribal Nation or NHO responds that it has concerns about a historic property of traditional religious and cultural significance that may be affected by the proposed construction within the 15 calendar day period, the Applicant must involve it in the review as set forth in the NPA, and may not begin construction until the process set forth in the NPA is completed.

You are reminded that Section IX of the NPA imposes independent obligations on an Applicant when a previously unidentified site that may be a historic property, including an archeological property, is discovered during construction or after the completion of review. In such instances, the Applicant must cease construction and promptly notify, among others, any potentially affected Tribal Nation or NHO. A Tribal Nation's or NHO's failure to express interest in participating in pre-construction review of an undertaking does not necessarily mean it is not interested in archeological properties or human remains that may inadvertently be discovered during construction. Hence, an Applicant is still required to notify any potentially affected Tribal Nation or NHO of any such finds pursuant to Section IX or other applicable law.

Sincerely,
Jill Springer
Federal Preservation Officer
Federal Communications Commission
jill.springer@fcc.gov

---

1) See Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Deployment, Second Report and Order, FCC 18-30 (Mar. 30, 2018) (Wireless Infrastructure Second Report and Order).
2) See id. at paras. 111-112.

LIST OF PROPOSED COMMUNICATIONS TOWERS

TCNS# 208099 Referred Date: 08/05/2020 Location: 922 5TH ST, Columbus, IN
Detailed Description of Project: INSTALL:NEW ' A.G.L. METAL VERIZON OWNED LIGHT POLE WITH SMALL CELL ANTENNA AND EQUIPMENT

TCNS# 211331 Referred Date: 08/05/2020 Location: 1011 Ben Davis Road, Buchanan, GA
Detailed Description of Project: Verizon Wireless proposes to construct a 161-foot monopole communications tower and associated equipment within a 100-foot by 100-foot (10,000 square-foot) lease area.

Tribe Name: Alabama Quassarte Tribal Town
Tribe Name: Alabama-Coushatta Tribe of Texas
Tribe Name: Coushatta Indian Tribe
Tribe Name: Kialegee Tribal Town
Tribe Name: Muscogee (Creek) Nation
Tribe Name: Seminole Tribe of Florida
Tribe Name: Shawnee Tribe
Tribe Name: Thlopthlocco Tribal Town

TCNS# 211479 Referred Date: 08/05/2020 Location: 3862 W 143rd St., Cleveland, OH
Detailed Description of Project: Verizon Wireless proposes to construct a 38-ft utility communications tower and associated equipment within right-of-way at the above property.

Tribe Name: Absentee-Shawnee Tribe of Indians of Oklahoma
Tribe Name: Crow Creek Sioux Tribe
Tribe Name: Delaware Nation
Tribe Name: Flandreau Santee Sioux Tribe
Tribe Name: Iowa Tribe of Oklahoma
Tribe Name: Kaw Nation
Tribe Name: Keweenaw Bay Indian Community
Tribe Name: Omaha Tribe of Nebraska
Tribe Name: Onondaga Indian Nation
Tribe Name: Otoe-Missouria Tribe of Indians
Tribe Name: Ottawa Tribe of Oklahoma
Tribe Name: Ponca Tribe of Indians of Oklahoma
Tribe Name: Red Cliff Band of Lake Superior Chippewa Indians of Wisconsin
Tribe Name: Seneca-Cayuga Nation
Tribe Name: Shawnee Tribe
Tribe Name: Turtle Mountain Band of Chippewa
Tribe Name: Wyandotte Nation

TCNS# 211377 Referred Date: 08/05/2020 Location: 6115 W. Coronado Road, Phoenix, AZ
Detailed Description of Project: Construction of a 26.25' light pole communications tower. The tower will be connected to associated equipment and local utilities via underground conduit lines.

Tribe Name: Apache Tribe of Oklahoma
Tribe Name: Mescalero Apache Tribe
Tribe Name: Pueblo of Zuni
Tribe Name: Salt River Pima-Maricopa Indian Community
Tribe Name: Skull Valley Band of Goshute Indians

TCNS# 212012 Referred Date: 08/05/2020 Location: 2976 South Partridge Circle Util A, Hopkins, SC
Detailed Description of Project: Verizon wireless proposes to build two (2) 34-foot wood pole small cell communications towers and underground conduit within existing rights-of-way

Tribe Name: Crow Creek Sioux Tribe
Tribe Name: Eastern Band of Cherokee Indians
Tribe Name: Flandreau Santee Sioux Tribe
Tribe Name: Kialegee Tribal Town
Tribe Name: Shawnee Tribe
Tribe Name: Thlopthlocco Tribal Town
Tribe Name: United Keetoowah Band of Cherokee Indians in Oklahoma

TCNS# 212018 Referred Date: 08/05/2020 Location: 410 West 58th Street, New York, NY
Detailed Description of Project: Verizon Wireless proposes to collocate wireless communications antennas at a top height of 124 feet on the rooftop of a 126-foot building

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June 29, 2020

Alabama-Coushatta Tribe of Texas
Mr. Bryant Celestine
571 State Park Road 56
Livingston, TX 77351

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Drakestown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

Dear Mr. Celestine:

This project was originally submitted in TCNS on June 19, 2020. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area.

The form 620 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email m.okai@trileaf.com or tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Mindi Okai

Mindi Okai
Tribal Consultation Manager

From:	towernotifyinfo@fcc.gov
To:	tribal
Cc:	tcns.fccarchive@fcc.gov; historicpreservation@cherokee.org; gwen-terrapin@cherokee.org
Subject:	Reply to Proposed Tower Structure (Notification ID: 211331) - Email ID #7187827
Date:	Thursday, July 16, 2020 6:16:54 PM

Dear Mindi L Okai,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Gwen Terrapin of the Cherokee Nation in reference to Notification ID #211331:

We have no interest in this site. However, if the Applicant discovers archaeological remains or resources during construction, the Applicant should immediately stop construction and notify the appropriate Federal Agency and the Tribe.

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 06/15/2020
Notification ID: 211331
Tower Owner Individual or Entity Name: Verizon Wireless
Consultant Name: Mindi L Okai
Street Address: 10845 Olive Blvd.
Suite 260
City: St. Louis
State: MISSOURI
Zip Code: 63141
Phone: 314-997-6111
Email: tribal@trileaf.com

Structure Type: MTOWER - Monopole
Latitude: 33 deg 51 min 31.0 sec N
Longitude: 85 deg 7 min 21.8 sec W
Location Description: 1011 Ben Davis Road
City: Buchanan
State: GEORGIA
County: HARALSON

Detailed Description of Project: Verizon Wireless proposes to construct a 161-foot monopole communications tower and associated equipment within a 100-foot by 100-foot (10,000 square-foot) lease area.
Ground Elevation: 350.2 meters
Support Structure: 46.0 meters above ground level
Overall Structure: 49.1 meters above ground level
Overall Height AMSL: 399.3 meters above mean sea level

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June 29, 2020

Coushatta Indian Tribe
Dr. Linda Langley
P.O. Box 10
Elton, LA 70532

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Drakestown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

Dear Dr. Langley:

This project was originally submitted in TCNS on June 19, 2020. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area.

The form 620 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email m.okai@trileaf.com or tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Mindi Okai

Mindi Okai
Tribal Consultation Manager

From:	towernotifyinfo@fcc.gov
To:	tribal
Cc:	tcns.fccarchive@fcc.gov
Subject:	Reply to Proposed Tower Structure (Notification ID: 211331) - Email ID #7160943
Date:	Thursday, July 9, 2020 5:58:48 PM

Dear Mindi L Okai,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Cell Tower Coordinator Kelly Nelson of the Eastern Shawnee Tribe of Oklahoma in reference to Notification ID #211331:

The Cultural Preservation Department of the Eastern Shawnee Tribe of Oklahoma (ESTO) has received the documentation for the referenced TCNS project. ESTO has reviewed the project in accordance with Section 106 of the National Historic Preservation Act (NHPA). Based on the information provided and a review of our records, we find that this project will have No Adverse Effect on properties of sacred and/or cultural significance to the Tribe. The project site is within the known regional area of the Shawnee prehistorically and historically, be aware of inadvertent discoveries. However, ESTO has no objection to the project proceeding as described. Please note that any future changes to this project will require additional consultation.

In accordance with the NHPA of 1966 (16 U.S.C. § 470-470w-6), federally funded, licensed, or permitted undertakings that are subject to the Section 106 review process must determine effects to significant historic properties. As clarified in Section 101(d)(6)(A-B), historic properties may have religious and/or cultural significance to Indian Tribes. Section 106 of NHPA requires Federal agencies to consider the effects of their actions on all significant historic properties (36 CFR Part 800) as does the National Environmental Policy Act of 1969 (43 U.S.C. § 4321-4347 and 40 CFR § 1501.7(a).

However, if during construction cultural objects or human remains are inadvertently discovered, please stop work immediately and contact the Cultural Preservation Department of the Eastern Shawnee Tribe of Oklahoma. (918)238-5151 x1861

Neyiwa,

Kelly Nelson
Cell Tower Coordinator
Eastern Shawnee Tribe of Oklahoma

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 06/15/2020
Notification ID: 211331
Tower Owner Individual or Entity Name: Verizon Wireless
Consultant Name: Mindi L Okai
Street Address: 10845 Olive Blvd.
Suite 260

City: St. Louis
State: MISSOURI
Zip Code: 63141
Phone: 314-997-6111
Email: tribal@trileaf.com

Structure Type: MTOWER - Monopole
Latitude: 33 deg 51 min 31.0 sec N
Longitude: 85 deg 7 min 21.8 sec W
Location Description: 1011 Ben Davis Road
City: Buchanan
State: GEORGIA
County: HARALSON

Detailed Description of Project: Verizon Wireless proposes to construct a 161-foot monopole communications tower and associated equipment within a 100-foot by 100-foot (10,000 square-foot) lease area.
Ground Elevation: 350.2 meters
Support Structure: 46.0 meters above ground level
Overall Structure: 49.1 meters above ground level
Overall Height AMSL: 399.3 meters above mean sea level

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June 29, 2020

Kialegee Tribe
Mr. David Cook
P.O. Box 332
Wetumpka, OK 74883

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Drakestown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

Dear Mr. Cook:

This project was originally submitted in TCNS on June 19, 2020. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area.

The form 620 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email m.okai@trileaf.com or tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Mindi Okai

Mindi Okai
Tribal Consultation Manager

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June 29, 2020

Muscogee Creek Nation
Ms. Anne Edwards Martel
P.O. Box 580
Highway 75 and Loop 56
Okmulgee, OK 74447

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

Dear Ms. Martel:

This project was originally submitted in TCNS on June 19, 2020. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area.

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Sincerely,

Mindi Okai

Mindi Okai
Tribal Consultation Manager

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June 29, 2020

Poarch Band of Creek Indians
Mr. Larry Haikey
5811 Jack Springs Road
Atmore, AL 36502

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

Dear Mr. Haikey:

This project was originally submitted in TCNS on June 19, 2020. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area.

The form 620 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email m.okai@trileaf.com or tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Mindi Okai

Mindi Okai
Tribal Consultation Manager

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June 29, 2020

Seminole Nation of Oklahoma
Ms. Brigita Leader
P.O. Box 1498
Wewoka, OK 74884

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Drakestown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

Dear Ms. Leader:

This project was originally submitted in TCNS on June 19, 2020. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area.

The form 620 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email m.okai@trileaf.com or tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Mindi Okai
Tribal Consultation Manager

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June 29, 2020

Seminole Tribe of Florida
Mr. Bradley Mueller
30290 Josie Billie Hwy PMB 1004
Clewiston, FL 33440

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Drakestown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

Dear Mr. Mueller:

This project was originally submitted in TCNS on June 19, 2020. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area.

The form 620 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email m.okai@trileaf.com or tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Mindi Okai

Mindi Okai
Tribal Consultation Manager

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June 29, 2020

Shawnee Tribe
Ms. Kim Jumper
29 South Highway 69A
Miami, OK 74354

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

Dear Ms. Jumper:

This project was originally submitted in TCNS on June 19, 2020. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area.

The form 620 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email m.okai@trileaf.com or tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Mindi Okai
Tribal Consultation Manager

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June 29, 2020

Thlopthlocco Tribal Town
Mekko Ryan Morrow
P.O. Box 188
Okemah, OK 74859

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Drakestown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

Dear Mekko Morrow:

This project was originally submitted in TCNS on June 19, 2020. Trileaf Corporation is in the process of completing a NEPA Review at the above referenced property. Our investigation includes determining if the site is contained in, on, or within the viewshed of a building, site, district, structure or object, significant in American history, architecture, archeology, engineering or culture, that is listed or eligible for listing on the State or National Registers of Historic Places, or located in or on, or within the viewshed of an Indian Religious Site. Trileaf has learned your tribe has an interest in property located within this County.

Our client proposes to construct a 151-foot monopole communications tower, with an overall height of 161 feet including attachments, and associated equipment within a 100-foot by 100-foot (10,000-square-foot) lease area, which will contain a 60-foot by 60-foot fenced compound. The project includes 12-foot gravel drive located within an access/utility easement, measuring 30 feet wide, extending approximately 150 feet generally north away from the lease area towards Ben Davis Road. The proposed access/utility easement and proposed tower compound lease area are located within a wooded area.

The form 620 submission packet is attached for your review. Please let us know if you have any objections or comments on this project as soon as possible. Contact me at (314) 997-6111 or email m.okai@trileaf.com or tribal@trileaf.com if you have any questions. Thank you for your assistance in this regard.

Sincerely,

Mindi Okai

Mindi Okai
Tribal Consultation Manager

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August 21, 2020

RE: **Cellco Partnership and its controlled affiliates doing business as Verizon Wireless (Verizon Wireless) – Meriadoc – A / Site #616580744 – Trileaf Project #667545**
Ben Davis Road, Buchanan, Georgia 30113
Haralson County, Draketown Quadrangle (USGS)
Latitude: 33° 51' 31.03" N, Longitude: 85° 07' 21.82" W
TCNS# 211331

All notified Tribes either responded that no issues existed with the proposed action or communication was referred to the FCC through the TCNS system and the appropriate waiting time has expired.

This also certifies that should I receive in the future any Tribal request regarding this site, Trileaf Corporation will notify Verizon Wireless immediately.

Sincerely,

Mindi Okai

Mindi Okai
Tribal Consultation Manager

UNANTICIPATED DISCOVERY PLAN FOR VERIZON WIRELESS PROJECTS REGARDING CULTURAL RESOURCES AND HUMAN SKELETAL REMAINS
REVISED JUNE 2013

The purpose of this Unanticipated Discovery Plan (UDP) is as a last line of defense for the protection of cultural resources. After Section 106 compliance efforts, including records research, professional cultural resources survey, tribal consultation, consultation with the public, consultation with the local government, and consultation with SHPO, have identified no historic within the direct Area of Potential Effect (APE), Verizon wishes to provide further assurance that any unidentified historic properties that may be present will be appropriately protected. So, in the highly unlikely event that historic properties not identified during the Section 106 consultation process are present within the direct APE, the UDP will guide field personnel in the appropriate steps to take to protect historic properties. The purpose of the UDP is to make field personnel aware that, in spite of negative research, survey, and consultation findings, cultural resources could still be present, and that construction should cease if any cultural resources are encountered. Further, the UDP guides steps that should be taken following any unanticipated discovery. While the specific points of contact will vary regionally, the general guidelines regarding the appropriate steps to follow should be applicable across the US. The procedures outlined in this UDP are in no way intended to replace or supercede the role of a tribal or other cultural resources monitor during construction, when consulting parties agree that such a monitor should be present. Furthermore, the UDP is not intended to allow any short-cuts or reduction of effort in any part of the Section 106 consultation process.

As used within this UDP, inadvertent, unanticipated, or emergency discoveries, also known as chance finds, are defined as:

• Newly discovered previously unidentified archaeological sites.

• Artifacts or cultural materials within previously recorded archaeological sites that warrant further evaluation.

• Any evidence of human remains or graves. All discoveries of bone are to be treated by construction personnel as potential human remains until a determination regarding whether the

remains are human can be made by a qualified individual, such as a coroner, an archaeologist, or an osteologist. Any bone encountered must be left in place to the extent possible until the appropriate experts determine their origin and proper disposition (which may be to leave them in place and rebury them, perhaps more deeply to avoid further disturbance).

What is a cultural resource?

The first step in dealing appropriately with unanticipated discoveries is recognizing cultural resources and human remains when they are encountered. Since this UDP is intended for use by field personnel rather than by cultural resources specialists, a brief summary of types of cultural resources is provided. The intention is to make field personnel aware of cultural resources that they may encounter. The intention is not to train field personnel to act as cultural resource specialists—but to recognize when cultural resource specialists should be consulted.

A cultural resource discovery could be prehistoric or historic, and can consist of artifacts or of features. Cultural resources are anything exhibiting modification by humans. Stones broken in a certain way during the manufacture of stone tools are artifacts, as are metal nails or glass fragments from more recent activities. Cultural features are evidence in the ground of previous activities, for example a hearth, or a mound of burned rock. Examples of cultural resources include:

• An accumulation of burned rocks and/or shell

• An area of charcoal or very dark stained or reddened soil, possibly with artifacts

• Stone tools or waste flakes (i.e. an arrowhead, or stone chips)

• Clusters of tin cans or bottles, ceramics, glass, buttons, marbles, pipes, figurines, or doll parts, and identifiable metal (tools, gun parts, machine parts, hinges, nails, buckles, flatware, wagon hardware, horse tack) and agricultural equipment that could include items older than 50 years

• Privies (outhouse pits), wells, cisterns, root cellars—any unnatural depression

• Standing structures such as barns, houses, and silos or remains of structures, including buried walls or foundations

• Buried railroad tracks, decking, or other industrial materials

• Earth and/or rock mounded up above the normal ground surface—any unnatural prominence

• A trench or pit excavated below the normal ground surface

• Anything that is more symmetrical or regular than expected in nature

• *Bones that do not clearly belong to an animal, or evidence of human burials or graves – these receive special treatment, as described below.*

If an object or a feature in the landscape does not look natural, then it is more than likely cultural. It is best to be conservative, and assume that the material or feature is a cultural resource if there is any uncertainty.

The identification of cultural resources requires basic training to recognize potential sites, artifacts, and cultural features of significance. It is recommended that all relevant personnel and construction contractor personnel be provided basic orientation training designed to facilitate the recognition of cultural resources and human remains. Such training should be supplemented by a quick-reference guide to cultural resources that should be available in the field—perhaps to accompany health and safety documents. In addition, the training and quick-reference guide should emphasize the exact procedures to be followed in the event of an unanticipated significant site discovery, such as the discovery of human remains.

What do I do if I find a cultural resource?

1. If you are engaged in work near the cultural resource, stop work immediately, and secure and protect the discovery location. If you are not engaged in work near the discovery location, mark the spot so that you can find it again.

2. Do not move anything once you are aware that there may be cultural material present, and do not remove anything from the location. If anything has already been disturbed, leave it where it lies until further instruction. If you can take photos without disturbing anything, please do so. Do <u>not</u> take photos of suspected human remains—any bones or possible graves (see below for treatment of suspected human burials).

3. Immediately notify a designated supervisor and Verizon Wireless--NEPA Regulatory Compliance (NRC), of the discovery. Do not discuss the discovery with anyone other than your supervisor, unless asked to do so by your supervisor. Once made aware of the discovery, the designated supervisor will immediately notify a qualified archaeologist.

4. Information about the discovery will be provided to the archaeologist, who will provide guidance on immediate protection measures in the field, until he or she can reach the site.

5. Once the archaeologist has examined the cultural material and developed an assessment of the significance of the cultural resource based on a visit to the discovery location, recommendations will be developed through discussion with NRC, to be presented to the State Historic Preservation Officer (SHPO), federal agency, and potentially interested tribes. If the discovery is deemed potentially significant, NRC, and the archeologist should consult and coordinate appropriate mitigation measures for treating and handling the discovery, while minimizing impacts to the construction schedule to the extent possible.

What do I do if I find remains that could be human, or a burial or grave site?

The Project will be subject to state and possibly local laws regarding treatment or disturbance of human remains. In the event that any human remains are encountered during construction, the following plan outlines the general procedures to be followed. Before any action is taken, applicable local and state laws must be consulted.

If you find remains that could be human, or a burial or grave site:

1. Unless you are absolutely sure that the bones represent an animal, as you might be in the case of an articulated deer skeleton, bones should be treated as if they are human until an expert determines otherwise.
2. If you are engaged in work near the discovery, stop work immediately, and secure and protect the discovery location. If you are not engaged in work near the discovery location, mark the spot so that you can find it again, and protect it to the extent possible.
3. Do not move or touch anything once you are aware that there may be human remains or graves present, and do not remove anything from the location. If anything has already been disturbed, leave it where it lies, carefully covered and protected from degradation

by weather or unauthorized individuals. The Site Manager will partition off the area and take all necessary steps to ensure that the site is not disturbed.

4. Do not photograph any possible human remains or graves or associated artifacts.
5. Immediately notify your supervisor and NRC, of the discovery. The designated supervisor will immediately notify a qualified archaeologist/physical anthropologist and the Site Manager.
6. Always be sure to treat human remains and graves with respect and dignity. Do not speak to anyone other than your designated supervisor about the discovery, unless asked to do so by your supervisor.
7. Once the archaeologist or other appropriate expert, such as physical anthropologist or osteologist, confirms that human remains or graves are present, based a site visit, the Site Manager will notify Verizon Wireless's Project Manager and the appropriate local law enforcement agency and/or coroner.
8. If the local law enforcement agency and/or coroner determine that the human remains or grave are of recent origin, the discovery location will be treated as a crime scene under the direction of local law enforcement officers.

If the local law enforcement agency and/or coroner find that there is no need for a legal inquiry or for a criminal investigation, it is recommended that the following best practices be applied:
(a) NRC will immediately notify the FCC of the discovery, and the actions planned.
(b) NRC will immediately notify SHPO and other appropriate state agencies (such as the State Archaeologist's Office, if applicable).
(c) NRC will immediately contact any tribes who have requested notice of such discoveries, and any other who may be interested.
(d) If possible, leave the grave or remains undisturbed in their original condition.
(e) Consult legal advice if modern or historic burials need to be relocated, as special restrictions and requirements may apply.
(c) NRC, through discussion with FCC, SHPO, interested tribes, and any other interested parties will develop a plan of action.
No work should proceed in the vicinity of the discovery until the disposition of the discovery is resolved. If work must proceed in the general area of the discovery before the disposition of the

discovery is final, full-time monitoring by a qualified archaeologist is recommended. A tribal monitor may also be appropriate, as determined by consultation with interested federally recognized tribes.

Appendix G

FCC and FAA Documentation

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
ANTENNA STRUCTURE REGISTRATION

OWNER: Bell Atlantic Mobile Systems LLC

FCC Registration Number (FRN): 0029635588

ATTN: Network Regulatory **Bell Atlantic Mobile Systems LLC** **5055 North Point Pkwy** **NP2NE Network Engineering** **Alpharetta, GA 30022**	**Antenna Structure Registration Number** **1320125** **Issue Date** **07/31/2021**
Location of Antenna Structure **1011 Ben Davis Road (15967649)** **Buchanan, GA 30113** **County: HARALSON**	**Ground Elevation (AMSL)** **348.6 meters** **Overall Height Above Ground (AGL)** **79.5 meters**
Latitude **33- 51- 30.7 N** **Longitude** **085- 07- 21.7 W** **NAD83**	**Overall Height Above Mean Sea Level (AMSL)** **428.1 meters**
Center of Array Coordinates **N/A**	**Type of Structure** **LTOWER** **Lattice Tower**
Painting and Lighting Requirements: **FAA Chapters 4, 8, 15** **Paint and Light in Accordance with FAA Circular Number 70/7460-1M** **Conditions:**	

This registration is effective upon completion of the described antenna structure and notification to the Commission. **YOU MUST NOTIFY THE COMMISSION WITHIN 5 DAYS 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 https://www.fcc.gov/antenna-structure-registration. Electronic filing is required. 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.

Reference Copy

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 https://www.fcc.gov/antenna-structure-registration or call (877) 480-3201 (TTY 717-338-2824).

Reference Copy

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

Aeronautical Study No.
2024-ASO-5032-OE
Prior Study No.
2021-ASO-18544-OE

Issued Date: 10/02/2025

BELL ATLANTIC MOBILE SYSTEMS LLC
NETWORK REGULATORY
5055 North Point Pkwy, NP2NE Network Engineering
Alpharetta, GA 30022

**** Extension ****

A Determination was issued by the Federal Aviation Administration (FAA) concerning:

Structure: Antenna Tower Meriadoc - A - 15967649
County, State: Haralson, Georgia

Collected Point(s):

Label	Latitude	Longitude	SE	DET AGL	AMSL
Meriadoc - A - 15967649	33-51-30.74N	85-7-21.76W	1144 Ft	260 Ft	1404 Ft

In response to your request for an extension of the effective period of the determination, the FAA has reviewed the aeronautical study in light of current aeronautical operations in the area of the structure and finds that no significant aeronautical changes have occurred which would alter the determination issued for this structure.

Accordingly, pursuant to the authority delegated to me, the effective period of the determination issued under the above cited aeronautical study number is hereby extended and will expire on 04/02/2027 unless otherwise extended, revised, or terminated by this office. You must adhere to all conditions identified in the original determination.

This extension issued in accordance with 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerns the effect of the 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 extension will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

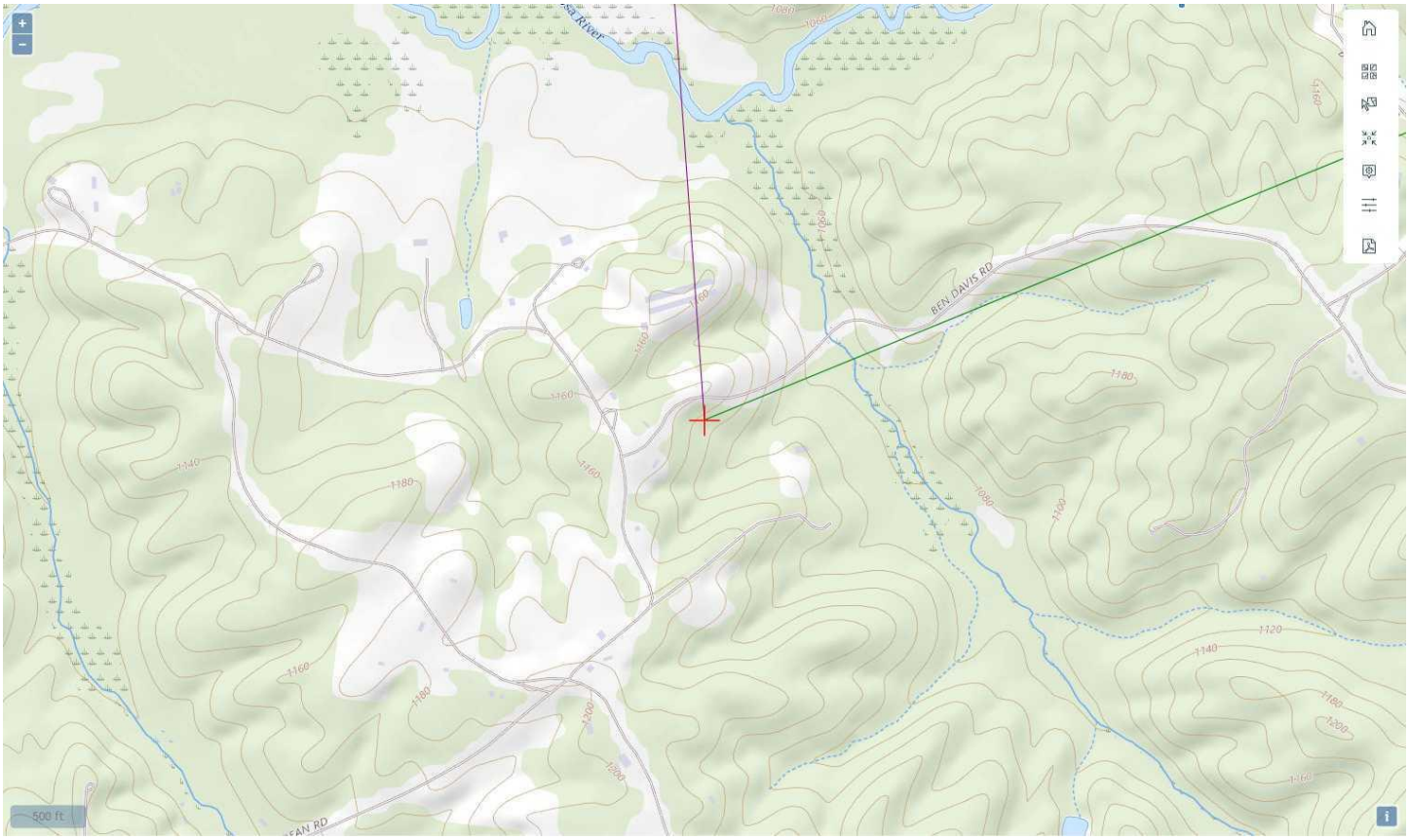
If we can be of further assistance, please contact our office at 1-816-329-2525, or natalie.schmalbeck@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2024-ASO-5032-OE.

Signature Control No: 614614196-679949456 (EXT)
natalie.schmalbeck@faa.gov
Technician

Attachment(s)
Map(s)

cc: FCC

Verified Map for ASN 2024-ASO-5032-OE



Appendix H

List of Preparers

Name	Organization	Discipline/Expertise	Years of Experience	Role in Preparing EA
Ryan Edson	Environmental Corporation of America	NEPA / Cultural Resources	9 years	Document preparation
Ben Salter	Environmental Corporation of America	NEPA/Biology/Environmental Sciences	26 years	Principal review and oversight