Department of Commerce

National Telecommunications and Information Administration

March 18, 2026

Environmental Assessment

Kewanee (US-MS-5371) – Proposed 310-Foot-Tall Guyed-Type Telecommunications Structure – Middle Mile Grant Award # 08-40-MM228 – EAXX-006-60-2B-177365782

Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
Latitude: N 32° 25’ 3.6" Longitude: W 88° 26’ 31.8"

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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 310-foot-tall overall height guyed-type telecommunications structure within Lauderdale County, Mississippi. The Proposed Action is being completed as part of a larger initiative to improve communications infrastructure within the State of Mississippi.

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 Lauderdale County, Mississippi 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 310-foot-tall guyed-type telecommunications structure and associated ground-level equipment that would be constructed within a proposed 50-foot by 50-foot fenced compound which would be situated within a 100-foot by 100-foot proposed lease area. The proposed facility would include an approximately 1,340-foot-long variable width (generally approximately 30 feet wide) access/utility easement. A proposed approximately 1,380-foot-long by 12-foot-wide gravel drive would be installed extending from the fenced compound within the proposed lease area through the proposed access/utility easement to Kewanee Road South, connected via a proposed apron and concrete culvert within the right-of-way. A proposed 12-foot-wide gravel turn-around would be constructed adjacent to the southern edge of the lease area within a 100-foot-long by 30-foot-wide area. The proposed project area would also include three proposed guy-wire easements, each measuring between 173 feet and 180 feet long by 20 feet wide. Ground level equipment within the compound would include a utility H-frame, an outdoor equipment cabinet, a 12-foot-tall weather canopy over the outdoor equipment, two LED lights with twist timers, an approximately 18-foot-long ice bridge, and a 30kW backup diesel generator. The proposed generator would be placed on a concrete slab. Further, one three-inch underground secondary power conduit would be installed at an approximate depth of 36 inches within the access/utility easement from the proposed compound to a new power pole within the Kewanee Road South right-of-way just southeast of the access/utility easement. From the power pole, overhead power lines would extend to a proposed power pole to be located in an existing overhead power line corridor east of Kewanee Road South to avoid additional ground disturbance within the right-of-way. Underground fiber would be installed in the access/utility easement within two two-inch conduits from the proposed compound to a new handhole located where the access/utility easement meets the Kewanee Road South right-of-way.

In addition, to manage stormwater runoff, The Towers, LLC, proposes a silt fence barrier around the north, east, and west sides of the lease area and a drainage ditch along the south side of the access route. For purposes of the Environmental Assessment documentation, the footprint of the Proposed Action includes

the entire lease area, guy-wire easements, access/utility easement, and proposed access drive, culvert, and power pole. In total, the Proposed Action area would total approximately 60,747 square feet (1.39 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 to surrounding areas of Lauderdale County, Mississippi. 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

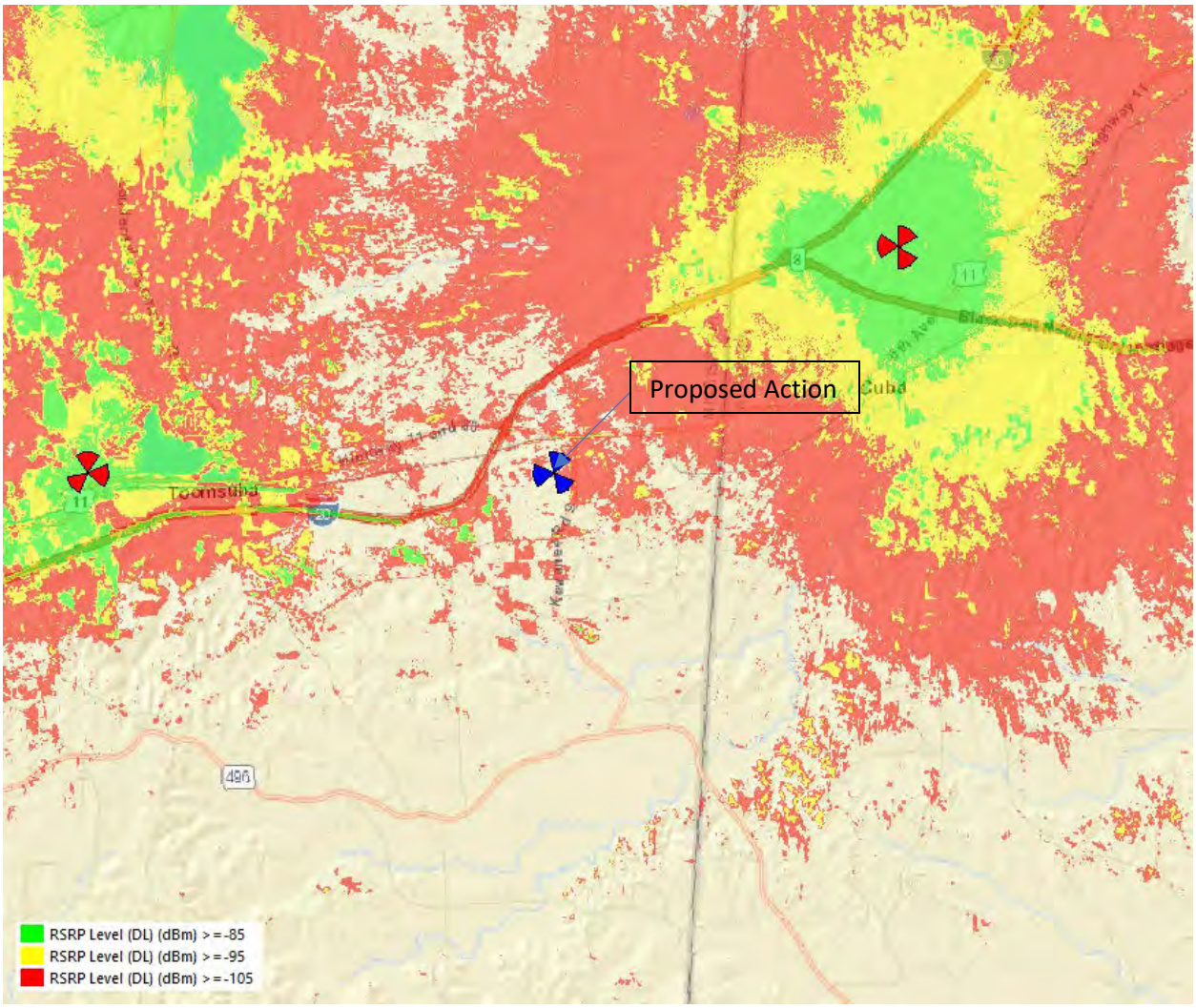
Rural areas are consistently underserved communities as it relates to access to fiber and broadband communications infrastructure, which at one time was considered a luxury, but is now a basic utility for households and businesses. While improvements to communications technologies continue to evolve 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 Lauderdale County, Mississippi 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.

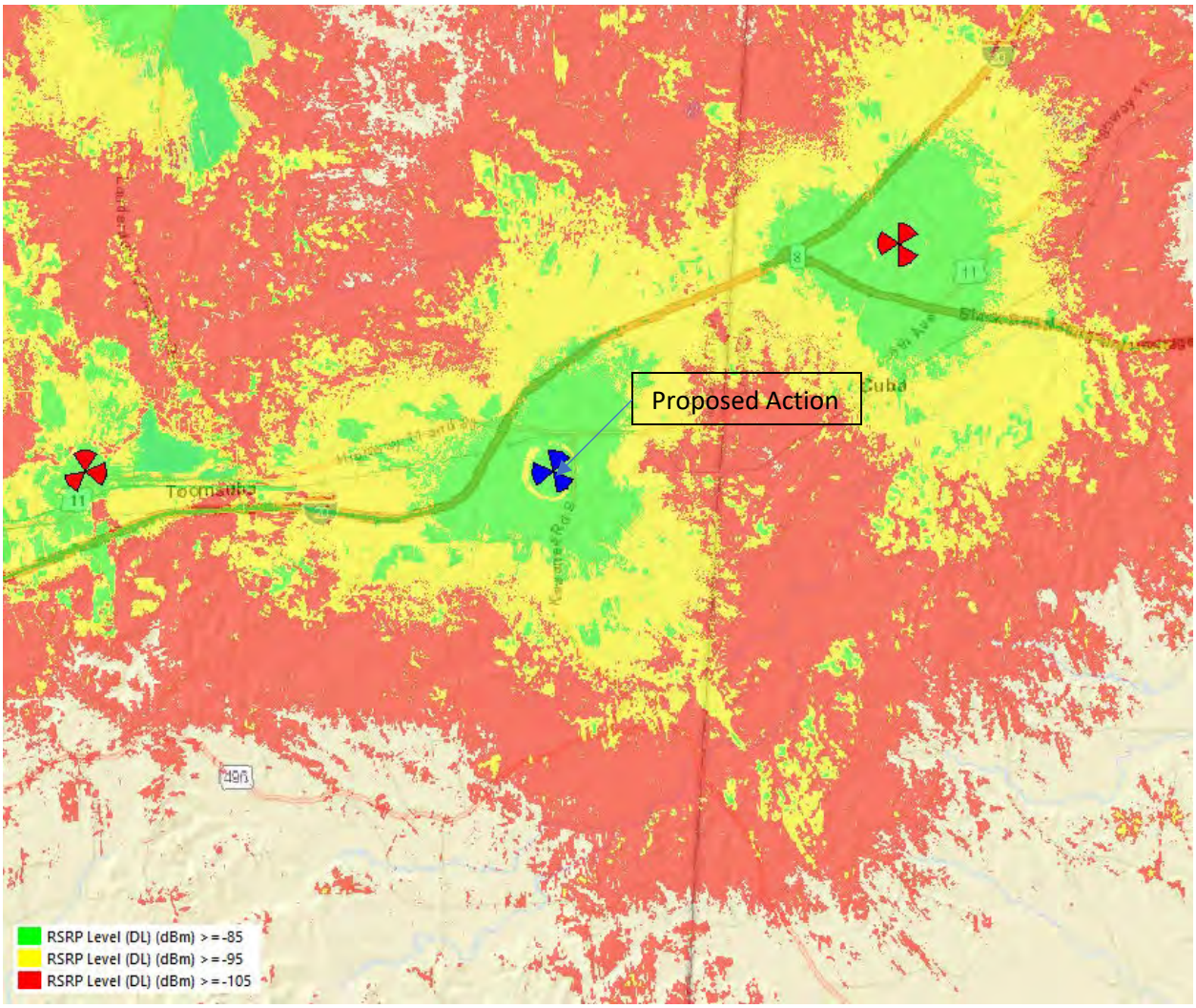
Figure 2-1 Search Ring

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 310-foot-tall guyed-type telecommunications structure and associated ground-level equipment that would be constructed within a proposed 50-foot by 50-foot fenced compound which would be situated within a 100-foot by 100-foot proposed lease area. The proposed facility would include an approximately 1,340-foot-long variable width (generally approximately 30 feet wide) access/utility easement. A proposed approximately 1,380-foot-long by 12-foot-wide gravel drive would be installed extending from the fenced compound within the proposed lease area through the proposed access/utility easement to Kewanee Road South, connected via a proposed apron and concrete culvert within the right-of-way. A proposed 12-foot-wide gravel turn-around would be constructed adjacent to the southern edge of the lease area within a 100-foot-long by 30-foot-wide area. The proposed project area would also include three proposed guy-wire easements, each measuring between 173 feet and 180 feet long by 20 feet wide. Ground level equipment within the compound would include a utility H-frame, an outdoor equipment cabinet, a 12-foot-tall weather canopy over the outdoor equipment, two LED lights with twist timers, an approximately 18-foot-long ice bridge, and a 30kW backup diesel generator. The proposed generator would be placed on a concrete slab. Further, one three-inch underground secondary power conduit would be installed at an approximate depth of 36 inches within the access/utility easement from the proposed compound to a new power pole within the Kewanee Road South right-of-way just southeast of the access/utility easement. From the power pole, overhead power lines would extend to a proposed power pole to be located in an existing overhead power line corridor east of Kewanee Road South to avoid additional ground disturbance within the right-of-way. Underground fiber would be installed in the access/utility easement within two two-inch conduits from the proposed compound to a new handhole located where the access/utility easement meets the Kewanee Road South right-of-way.

In addition, to manage stormwater runoff, The Towers, LLC, proposes a silt fence barrier around the north, east, and west sides of the lease area and a drainage ditch along the south side of the access route. For purposes of the Environmental Assessment documentation, the footprint of the Proposed Action includes the entire lease area, guy-wire easements, access/utility easement, and proposed access drive, culvert, and power pole. In total, the Proposed Action area would total approximately 60,747 square feet (1.39 acres). Tree clearing will be required in parts of the project area, including the beginning of the access/utility easement and the lease area and guy-wire easements. In addition, removal of minimal ruderal vegetation (grasses and weeds) within the previously cleared and graded site footprint would occur. Site Plans are provided in Figures 3-2, 3-3, 3-4, 3-5, 3-6, and 3-7 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 one approximately 4-foot-diameter

caisson 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 and installation of the proposed tower guy-wire anchors. 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 guyed 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 340 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 for the Proposed Action site. In total, construction activities are anticipated to last approximately 60 days and are expected to begin in Fall 2025.

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

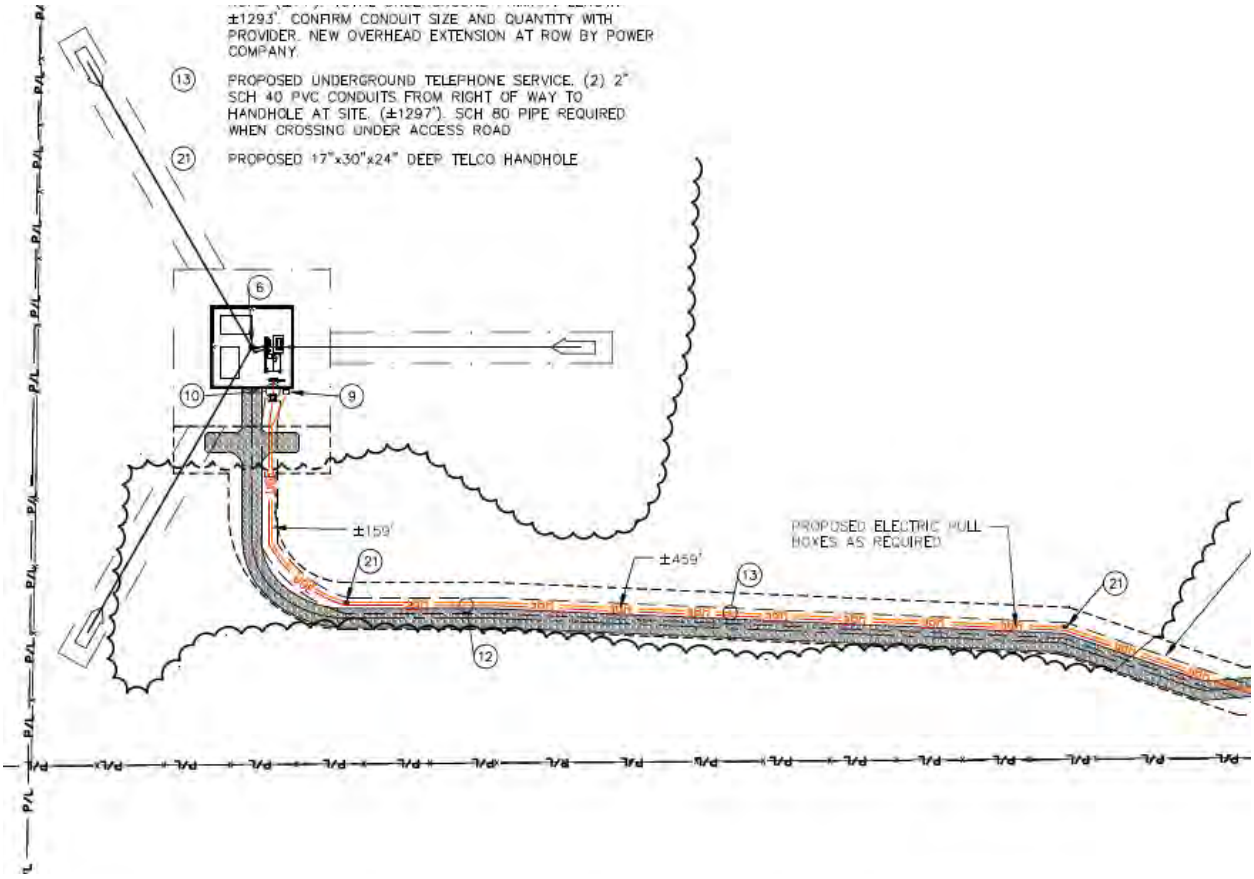


Figure 3-3 Site Plan with Power and Fiber Utilities continued

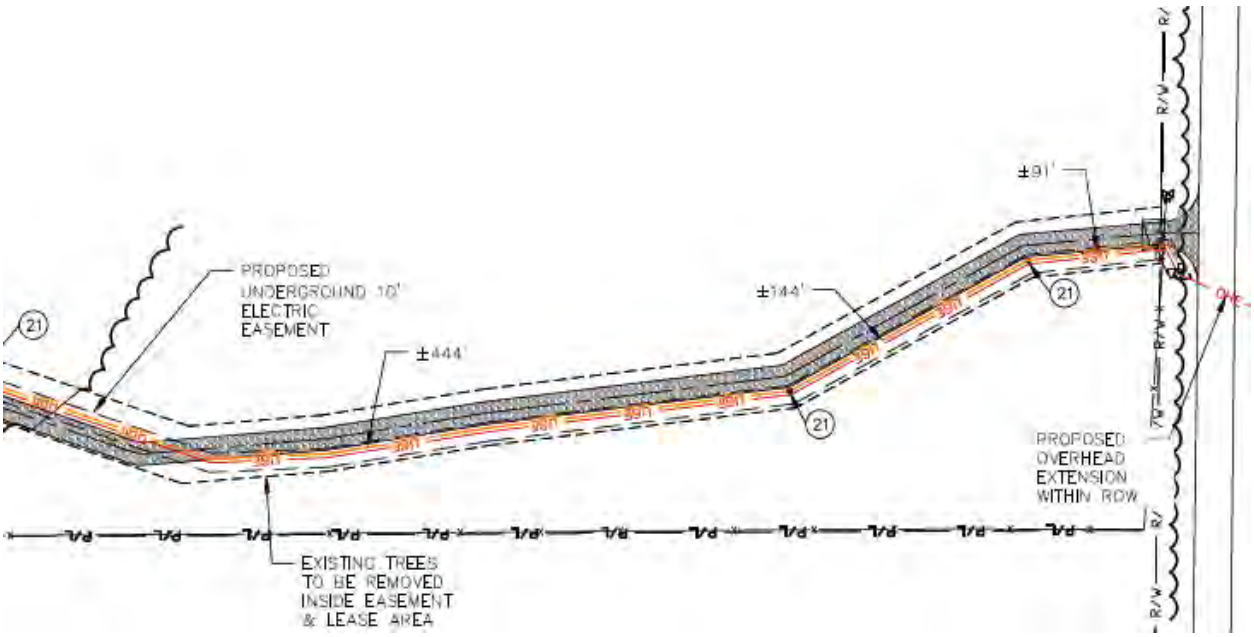


Figure 3-4 Site Plan with Stormwater and Sediment Controls

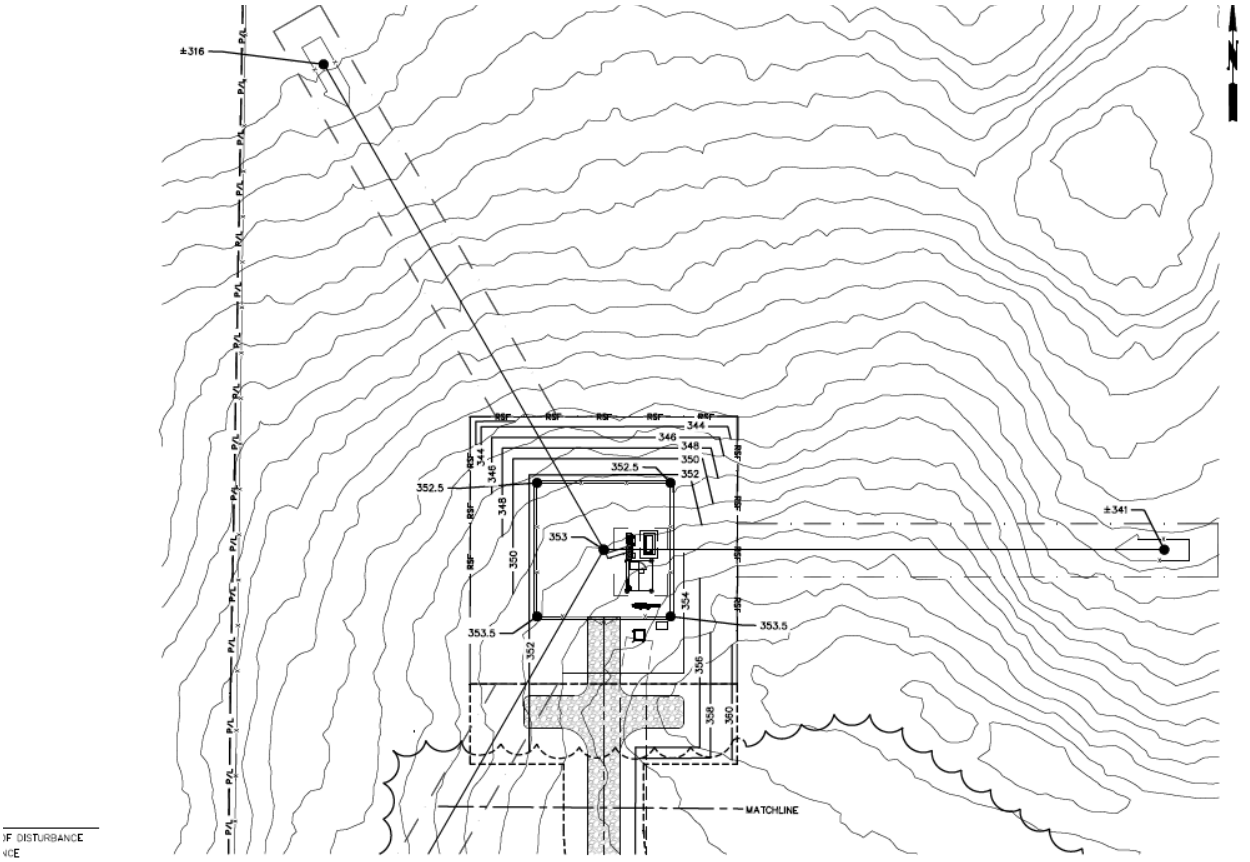


Figure 3-5 Site Plan with Stormwater and Sediment Controls continued

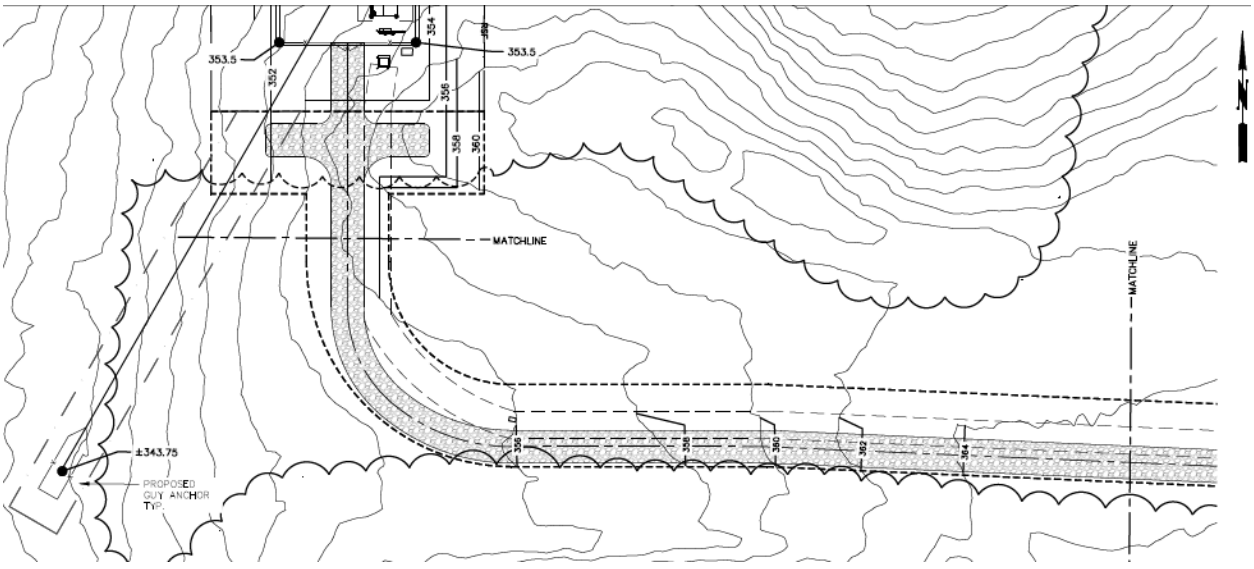


Figure 3-6 Site Plan with Stormwater and Sediment Controls continued

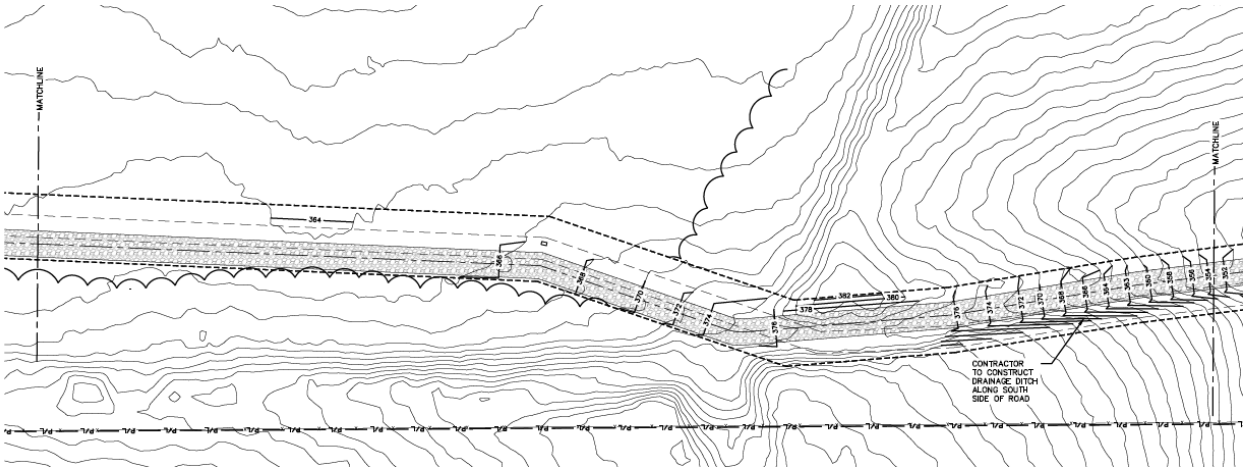
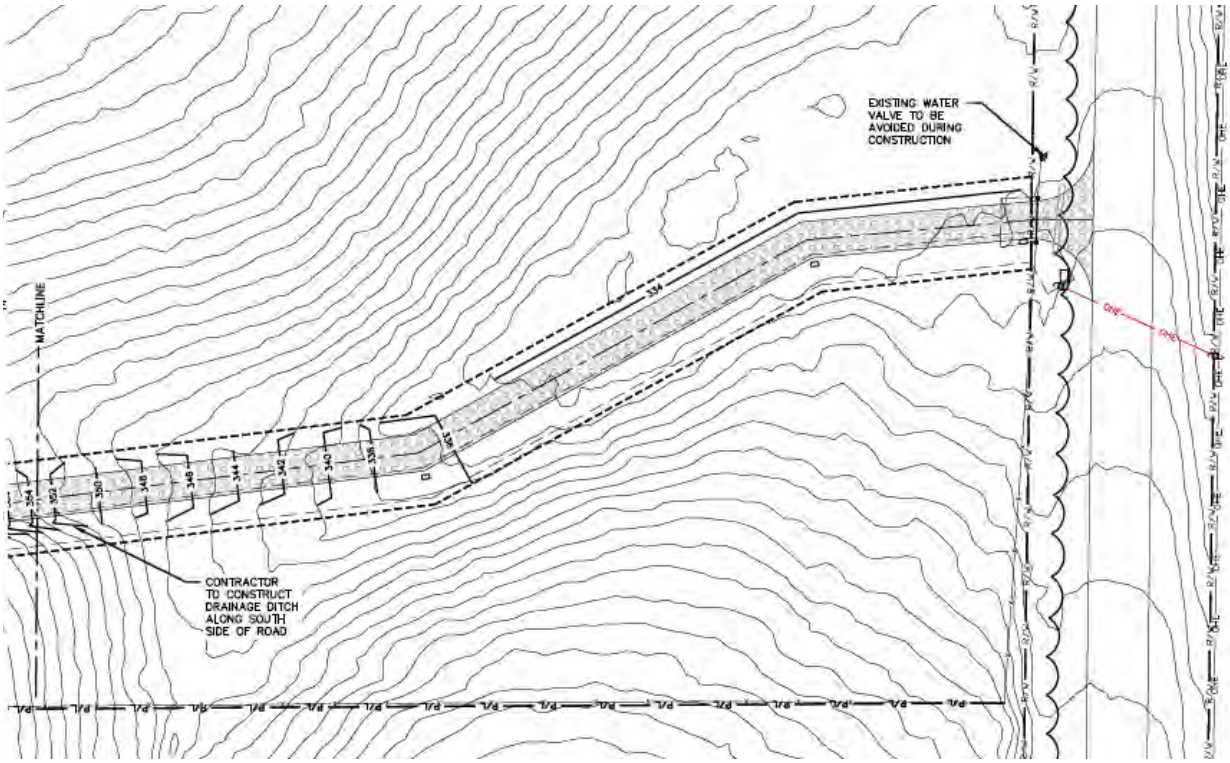


Figure 3-7 Site Plan with Stormwater and Sediment Controls continued



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 32.425917°N, 88.4395194°W, approximately 3,000 feet northeast of the Proposed Action location. The second alternative location considered was located at 32.4245417°N, 88.4373805°W, approximately 2,900 feet northeast 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 3,000 feet northeast of the Proposed Action location and a site located approximately 2,900 feet northeast of the Proposed Action location. The first Other Tower Location alternative is located within an area of thick shrubs and brush. The property has historically been impacted by clay mining activities, and the topography is uneven making a new tower facility more expensive than the Proposed Action location. The property is large enough to accommodate the tower with the potential for a shorter utility route, and a discussion with the landowner occurred. It was determined that the site was not a viable candidate because the landowner requested a high monthly rent payment that was not competitive with that of the chosen site's landowner. Other than the potential for a shorter utility route, the first Other Tower Location would provide no apparent benefits from an environmental impact or wireless coverage standpoint and would be more costly due to the uneven terrain.

The second Other Tower Location alternative is located on a vacant lot with no structures on the property. The property has historically been impacted by clay mining activities, and the topography on the site is uneven, however, it has the potential for a shorter utility route. Vegetation on the property is a mix of scrub-shrub and forested areas. Due to the historical surface impacts on the property, there are several areas that are possible wetlands with scattered drainage conveyances. It was determined that the property likely provided too many environmental challenges to pursue a tower on this site. The removal of clays from the site soils during historical clay mining activities made the Applicant question whether the site soils would be suitable for a tower. Additionally, due to the scattered wetlands and drainage conveyances, siting a tower on the property would be difficult without impacting potentially jurisdictional wetlands. Other than the potential for a shorter utility route, the second Other Tower Location would provide no apparent benefits from an environmental impact or wireless coverage standpoint and would be more costly due to the existing environmental conditions.

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 Mississippi Department of Transportation's Traffic Data Application estimates an Annual Average Daily Traffic count of 150 vehicles along Kewanee Road South in 2025 (MDOT 2025). 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, Low Density Residential (Lauderdale County Map Viewer 2025). According to the Lauderdale 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, however, there is an increased number of residential developments further away from the Proposed Action area. Numerous residences which may be considered sensitive receptors are located within 0.5 miles of the Proposed Action. The nearest residence is approximately 950 feet northeast of the Proposed Action. This resource fronts Kewanee Road South 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 Mississippi Department of Environmental Quality (MDEQ) Air Regulations, the state implementation plan strategy for NO2, CO, SO2, PM10, PM2.5, O3,

and lead meet the national ambient air quality standards (ADEM 2024). 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 is located within the Coastal Plain Physiographic Province of Mississippi. This region is the flattest of the physiographic provinces and slopes gently seaward from the inland highlands in a series of terraces far into the Atlantic and Gulf of Mexico, forming the continental shelf. Historically, vegetation consisted of oak-hickory forests in valleys to shortleaf and Virginia pine on ridges. Today, the region has several uses, including agriculture, urban and industrial development, and recreational activities (National Park Service 2017).

The Proposed Action site is located within the Southern Hilly Gulf Coastal Plain ecoregion. This region is characterized primarily by irregular plains and low, rolling hills. Oak-hickory-pine forests historically covered most of the region. Today, the region contains mostly of wild forests, with some mixed land use (bplant.org/region/1368). According to the USDA Web Soil Survey (Appendix C), soils located within the Proposed Action site consist of Sweatman fine sandy loam, 15 to 35 percent slopes, severely eroded (LS) and Pits (Pa). Sweatman and Pits are 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 Informal Biological Assessment prepared January 8, 2026, the Proposed Action site is not located within or near surface waters. The nearest mapped feature is a stream located approximately 330 feet to the west. 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. Based on the National Wetlands Inventory data, a small freshwater pond is mapped approximately 220 feet east-northeast of the Proposed Action area. However, a review of aerial maps shows that this area has not been a pond since at least 1964, therefore, it is believed that this mapped pond is in error, which was confirmed during our site visit (Appendix D).

Groundwater

According to the USEPA, the Proposed Action site is not located near a Sole Source Aquifer (USEPA Map of Sole Source Aquifer Locations, 2025). Based on a review of USGS’s National Water Information System data, depth to regional groundwater at the Proposed Action area is unknown. Historic regional groundwater depth measurement was recorded at a well located on the parent tract of the Proposed Action area, with a groundwater depth of 30 feet.

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, Mississippi Coastal Area Management Program 2025).

Floodplains

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Panel 28075C0250F dated February 3, 2010, 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 Black Creek, located approximately 100 miles from 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.

Mississippi Department of Wildlife, Fisheries, and Parks (MDWFP) 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 MDWFP.

The proposed action area is occupied by wooded and herbaceous land. Wooded areas generally consist of intermediate-aged pines with a mid-story of hardwood saplings and woody shrubs. Within unforested areas, vegetation is generally ruderal in nature and consists of successional weeds and grasses. Adjoining areas consist of pine forests to the north, east, and west, with grassed land to the south and east, and hardwood forest further to the east. Based on the disturbed nature of the Proposed Action area, 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 MDWFP Natural Heritage Program List of All Species of Concern by County database was reviewed for state and federally listed and proposed species that have been documented by MDWFP as occurring in Lauderdale 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
Tricolored bat	*Perimyotis subflavus*	Proposed Endangered	Endangered
Monarch butterfly	*Danaus plexippus*	Proposed Threatened	-
Gopher tortoise*	*Gopherus polyphemus*	-	Endangered

Critical or Threatened / Endangered Habitat

The Proposed Action site is located within the Southern Hilly Gulf Coastal Plain ecoregion. This region is characterized primarily by irregular plains and low, rolling hills. Oak-hickory-pine forests historically covered most of the region. Today, the region contains mostly wild forests, with some mixed land use (bplant.org/region/1368).

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. Additionally, no suitable habitat for endangered or threatened species exists within the footprint of the Proposed Action site (See Table 5-1).

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 Mississippi 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 cleared and wooded land and agricultural and residential development. The nearest large body of water is over four miles to the west (Lake Tom Bailey). Based on a review of data available through iNaturalist.org and

ebird.org data, the nearest eagle observation is approximately 9 miles to the north 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 2025 to the Mississippi Department of Archives and History (MDAH) 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. Cultural records and databases were reviewed and identified no cultural resources and no surveys within the APE for direct effects. One Historic Property listed in the National Register of Historic Places (NRHP) was identified within the ¾-mile APE for visual effects. No Historic Properties that are eligible for listing in the NRHP were identified with the APE for visual effects. The Phase I survey did not uncover cultural resources within the APE for direct effects. The Proposed Action site is not occupied by historic structures.

Native American Traditional, Cultural or Religious Resources

Nine 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 November 28, 2025. 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 and grassed land. The surrounding area is generally characterized by wooded and grassed land and rural residential development. Utilizing the ¾-mile Area of Potential Effects for Historic Resources, there were no sensitive visual receptors identified.

A review of the MDAH Historic Resources Inventory Database 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 a site visit completed in 2025 and a review of aerial photography (2020-2023), the Proposed Action site consists of an area that had been wooded and grassed land since at least 1998. The Proposed Action site is zoned as Agricultural, Low Density Residential (Lauderdale County Map Viewer 2025) and is not currently developed. Surrounding land use for the site is characterized by wooded and grassed land and residential development.

4.9 Infrastructure

Infrastructure within proximity to the Proposed Action site generally consists of a public road (Kewanee Road South) 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 Kewanee Road South right-of-way. Proposed underground power would connect the proposed telecommunications equipment to a new power pole within the Kewanee Road South right-of-way just southeast of the access/utility easement. From the power pole, overhead power lines would extend to a proposed power pole located northwest of Kewanee Road South to avoid additional ground disturbance within the right-of-way. Underground fiber would be installed in the access/utility easement within two two-inch conduits from the proposed compound to a new handhole located where the access/utility easement meets the Kewanee Road South right-of-way. Any existing buried utilities within the Kewanee Road South 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 and grassed land adjacent to Kewanee Road South. 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 would be extended overhead across Kewanee Road South. 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. Mississippi 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 potential 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 occur 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 30kW 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 950 feet northeast of the Proposed Action fronting Kewanee Road South. 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 Mississippi air quality standards, which are consistent with the Primary and Secondary National Ambient Air Quality Standards. During the operations, air emissions may occur only 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 (MDEQ 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 Mississippi.

A No Action Alternative would result in no construction or operations activities at the project location and therefore would have no impact to 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 1.39acres. 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 geologic 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 and a drainage ditch along the south side of the access route. 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. A Biological Assessment (BA) was prepared for the Proposed Action and dated March 13, 2026. The BA found no suitable habitat for federally listed species within the Proposed Action area. A finding of "no effect" was determined for federally listed species and designated critical habitat.

The BA identified potentially suitable habitat for the federally proposed endangered and state endangered tricolored bat and proposed threatened monarch butterfly. However, based on the relative small size of the Proposed Action site as compared to the overall range of these species, a finding of "no jeopardy" was determined. Based on the findings of "no effect" and "no jeopardy" for federally listed and proposed species, no further consultation with the US Fish and Wildlife Service (USFWS) was necessary.

A consultation request was submitted to the Mississippi Department of Wildlife Fisheries, and Parks (MDWFP) for the Proposed Action on November 20, 2025. The MDWFP has not responded to the consultation request.

The BA and documentation of MDWFP coordination is provided in Appendix E. The following Table 5-1 provides a list of the species identified by USFWS and MDWFP 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 to 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
Tricolored bat	*Perimyotis subflavus*	Proposed Endangered	-	Site is located within year-round range (Zone 1); Primarily roost among living and dead leaf clusters of live or recently dead deciduous hardwood trees; Winter torpor in sheltered locations such as tree cavities, culverts, and bridges	Potential suitable habitat; No jeopardy
Monarch butterfly	*Danaus plexippus*	Proposed Threatened	-	Within eastern North America, breeding areas are virtually all patches of milkweed; Forage for nectar on wide variety of native wildflowers	Potential suitable habitat; No jeopardy
Gopher tortoise	*Gopherus polyphemus*	-	Endangered	Commonly occupies habitats with a well-drained sandy substrate, ample herbaceous vegetation for food, and sunlit areas for nesting; These habitat types include sandhill (pine-turkey oak), pine scrub, xeric hammock, pine flatwoods, dry prairie, coastal grasslands and dunes, and mixed hardwood-pine communities; Prefers open habitats that support a wide variety of herbaceous ground cover vegetation for forage; usually abandons densely canopied areas and frequently can be found in disturbed habitats such as roadsides, fence-rows, old fields, and the edges of overgrown (unburned) uplands	Outside range of federally listed western distinct population segment; Lauderdale County at northern extent of Mississippi occurrences (Gaillard et al., 2017); 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 310-foot tall (overall height) guyed-type 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; and 5) designing tower and associated facilities so as to avoid or minimize habitat loss within and adjacent to the tower footprint. 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 habitat present on site which consists of grassed land and successional wooded land, the Proposed Action site is not expected to provide quality migratory bird habitat, thus pre-construction nest clearance surveys are not deemed necessary. Considering the USFWS guidance and the specification 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, 2025) 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 Mississippi Department of Archive and History (MDAH) was provided with a Phase I Cultural Resources Survey for the Proposed Action on December 19, 2025. The MDAH issued a finding on January 7, 2026, stating, "the project will have No Adverse Effect on the Simmons-Wright Company Store building. Therefore, we have no reservations with the undertaking" for the Proposed Action. Documentation of MDAH consultation is included in Appendix F.

Nine federally recognized Tribes were identified that may attach religious and cultural significance to Historic Properties within the areas of each 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.

It is noted that since the initial MDAH and Tribal consultation was conducted, a proposed access drive and apron within the right-of-way would extend from the previously surveyed access/utility easement to Kewanee Road South as shown on Figure 3-3. Considering these improvements would be located within the right-of-way and within 100 feet of previously assessed areas, no further coordination with MDAH or Native American Tribes was deemed necessary.

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 310-foot tall guyed-type telecommunications tower. The proposed tower would be lighted 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 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, discussing traffic management plans with State Department of Transportation agency officials, 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 to 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, MS 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 § 1.1310. 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 Lauderdale County residents.

A No Action Alternative would result in no construction activities at the Proposed Action site and therefore negatively impact Lauderdale 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 310-foot-tall guyed-type telecommunications structure and an associated facility that would be constructed within a 1.39-acre area.

Limited information is available from the Lauderdale County Government, as there is no comprehensive plan for the County; however, it does not appear that there are specific foreseeable actions for the Proposed Action area or adjoining areas. As such, reasonably foreseeable effects to the environment from the Proposed Action would be minimal. Further, the minimal impacts to the environment from the Proposed Action would be outweighed by the benefits to the quality of life for the population surrounding the Proposed Action area; therefore, no significant reasonably foreseeable effects are anticipated to 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.

Potentially Applicable Requirement	Relevant Project Information
Federal Communications Commission Antenna Structure Registration 47 CFR § Part 17	Antenna Structure Registration File Number A1339867 pending FAA Determination; Project owner and FAA Aeronautical Study No. to be updated within 5 days upon completion of construction
Federal Aviation Administration Filing 14 CFR § Part 777 Section 77.9	FAA Aeronautical Study No. 2025-ASO-21328-OE Status: Evaluating; 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

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 Grantee 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 its 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 CFFR 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 December 19, 2025, and March 16, 2026. No further consultation required
Mississippi Department of Wildlife, Fisheries, and Parks	Protected Species and Natural Resources Consultation	MDWFP letter sent 11/20/2025; No response received
Mississippi Department of Archives and History – Amy Myers (601) 576-6850	Section 106 Historic Preservation Consultation	Complete: SHPO concurrence received 1/7/2026
Crow Creek Sioux Tribe Tribal Historic Preservation Office – Merle Marks (605) 245-2221	Section 106 Historic Preservation Consultation	Complete: Final follow-up attempt = 12/22/2025 and cleared via Escalation on 2/13/2026
Alabama Coushatta Tribe Tribal Historic Preservation Office – Bryant J Celestine (936) 563-1100	Section 106 Historic Preservation Consultation	Complete: Final follow-up attempt = 12/22/2025 and THPO response received 2/6/2026
Coushatta Indian Tribe Tribal Historic Preservation Office - Dakota John (337) 584-1401	Section 106 Historic Preservation Consultation	Complete: Final follow-up attempt = 12/22/2025 and cleared via Escalation on 2/13/2026
Jena Band of Choctaw Indians Tribal Historic Preservation Office – Lille Williamson (318) 992-8258	Section 106 Historic Preservation Consultation	Complete: THPO response received 12/29/2025
Mississippi Band of Choctaw Indians Tribal Historic Preservation Office – Monty Stick (580) 564-3060	Section 106 Historic Preservation Consultation	Complete: Final follow-up attempt = 12/22/2025 and THPO response received 2/2/2026
Bad River Band of Lake Superior Chippewa Indians Tribal Historic Preservation Office – Lawrence Plucinski (715) 682-7123	Section 106 Historic Preservation Consultation	Complete: No interest if no response within 30 days of 11/28/2025, cleared 12/28/2025
Choctaw Nation of Oklahoma Tribal Historic Preservation Office – Sydney Youngblood-Blanton (580) 642-8342	Section 106 Historic Preservation Consultation	Complete: Final follow-up attempt = 12/22/2025 and cleared via Escalation on 2/13/2026
Alabama Quassarte Tribal Town Tribal Historic Preservation Office – Janice Lowe (405) 452-3881	Section 106 Historic Preservation Consultation	Complete: Cleared via NOO on 11/28/2025

Agency and Name	Consultation	Status
Tunica-Biloxi Tribe of LA Tribal Historic Preservation Office – Earl J Barbry Jr (318) 240-6451	Section 106 Historic Preservation Consultation	Complete: No interest if no response within 30 days of 11/28/2025, cleared 12/28/2025

9.0 References

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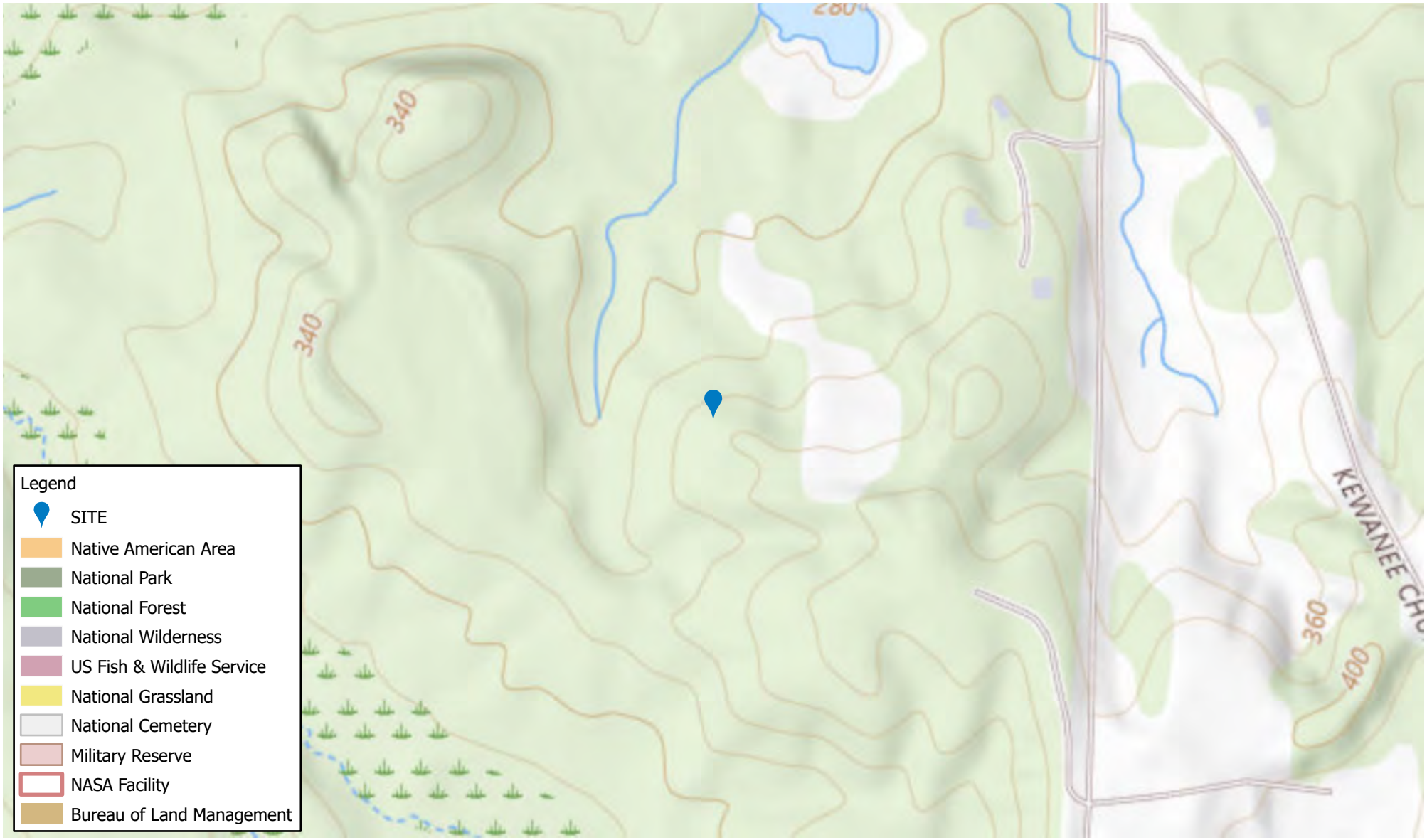
Appendix A

Site Maps and Photographs



Date Generated: 10/3/2025
Source: USGS The National Map

The National Map

ECA ID: 25-004212

ECA

500 0 500
Feet

Date Generated: 10/3/2025
Source: Maxar

Site Location Map

ECA ID: 25-004212

ECA

National Scenic and National Historic Trail Webmap

2/17/2026, 11:34:02 AM

1:72,224

0 0.75 1.5 3 mi

0 1.25 2.5 5 km

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

A: Northerly View from Near the Center of the Proposed Lease Area

B: Easterly View from Near the Center of the Proposed Lease Area

C: Southerly View from Near the Center of the Proposed Lease Area

D: Westerly View from Near the Center of the Proposed Lease Area

Photographs

ECA ID: 25-004212

ECA

E: Southeasterly View of Proposed Lease Area

F: Southeasterly View of Proposed Guy Wire #1

G: Northeasterly View of Proposed Guy Wire #2

H: Westerly View of Proposed Guy Wire #3

Photographs

ECA ID: 25-004212

I: Westerly View of the Proposed Access/Utility Easement

J: Westerly View of the Proposed Access/Utility Easement

K: Easterly View of the Proposed Access/Utility Easement

L: Easterly View of the Proposed Access/Utility Easement

Photographs

ECA ID: 25-004212

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

LOCAL BUILDING CODE AND OR CITY/COUNTY ORDINANCES SHALL GOVERN IF DEEMED MORE STRINGENT OR FOLLOWS MORE RECENT CODE PUBLICATIONS.

MISSISSIPPI STATE BUILDING CODE:

BUILDING CODE (IBC):	2024 MISSISSIPPI BUILDING CODE (2024 INTERNATIONAL BUILDING CODE)
STRUCTURAL CODE:	TIA/EIA-222 – REVISION H
MECHANICAL CODE (IMC):	2024 INTERNATIONAL MECHANICAL CODE
PLUMBING CODE (IPC):	2024 INTERNATIONAL PLUMBING CODE
ELECTRICAL CODE (NEC):	LOCAL CODE ONLY
FIRE SAFETY CODE (IFC):	2024 INTERNATIONAL FIRE CODE AMENDMENTS
ENERGY CODE (IECC):	2024 INTERNATIONAL ENERGY CONSERVATION CODE WITH LOCAL AMENDMENTS
GAS CODE (IFGC):	2024 INTERNATIONAL FUEL GAS CODE WITH LOCAL AMENDMENTS

APPLICABLE CODES

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE MISSISSIPPI ONE CALL SYSTEM, PHONE 1-800-227-6477, WHICH WAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT. ALL NEW SERVICE AND GROUNDING TRENCHES PROVIDE A WARNING TAPE @ 12 INCHES ABOVE BURIED UTILITIES.

UTILITY PROTECTION NOTE

vertical bridge™

US-MS-5371

SITE NAME: KEWANEE

KEWANEE RD
LAUDERDALE COUNTY
TOOMSUBA, MS 39364

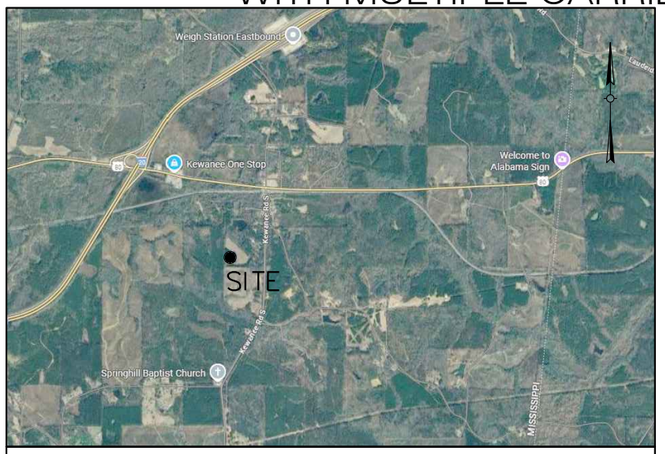
PROPOSED 300' GUYED TOWER
WITH 10' LIGHTNING ARRESTOR (310' OVERALL HEIGHT)
WITH MULTIPLE CARRIERS

- INSTALL NEW VZW SUBSURFACE GROUNDING SYSTEM
- INSTALL A NEW VZW CONCRETE EQUIPMENT AND GENERATOR PADS
- INSTALL VZW ICE BRIDGE AND FOUNDATIONS
- INSTALL VZW EQUIPMENT H-FRAME AND FOUNDATIONS
- INSTALL ELECTRICAL SERVICE CONDUIT WITH PULL TAPES FROM ILC ENCLOSURE STUB-UP TO UTILITY H-FRAME
- INSTALL NEW CONDUITS WITH PULL TAPES FROM VZW ILC STUB-UP LOCATION TO THE GENERATOR STUB-UP AT VZW GENERATOR PAD
- INSTALL FIBER OPTIC CONDUITS w/PULL TAPES AND TRACER WIRE FROM **"VERIZON WIRELESS ONLY"** HAND HOLE OUTSIDE COMPOUND TO VZW EQUIPMENT PAD
- INSTALL ±1,297 FT OF FIBER OPTIC CONDUITS WITH PULL TAPES AND TRACER WIRE FROM NEW **"VERIZON WIRELESS ONLY"** 24"X36" HAND HOLE OUTSIDE COMPOUND TO NEW **"VERIZON WIRELESS ONLY" 17"X30"** HAND HOLE AT R.O.W. (5) TOTAL VZW H.H & 1 FIBER PROVIDER H.H. IN ROW.
- INSTALL VZW PREFABRICATED CANOPY AND FOUNDATIONS
- INSTALL VZW ANTENNA MOUNTING SUPPORT STRUCTURE ON TOWER
- INSTALL VZW ANTENNAS, LINES, COAX, GPS ANTENNA AND RADIO EQUIPMENT
- INSTALL EXISTING SUBSURFACE GROUND LEADS TO VZW EQUIPMENT & FACILITIES
- INSTALL VZW ELECTRIC SERVICE CONDUCTORS FROM UTILITY H-FRAME TO VZW ILC ENCLOSURE
- INSTALL NEW CONDUITS WITH PULL TAPES FROM RF CABINET TO OVP H-FRAME LIT FIBER LOCATION
- INSTALL NEW CONDUITS AND CIRCUITS FROM VZW ILC ENCLOSURE TO EQUIPMENT ENCLOSURES AT VZW EQUIPMENT PAD
- INSTALL VZW GENERATOR CIRCUITS FROM VZW ILC & EQUIPMENT ENCLOSURES TO VZW GENERATOR
- INSTALL NEW OUTDOOR OVPs AND CABLING ON VERIZON EQUIPMENT H-FRAME
- • PERMANENT ELECTRIC POWER MUST BE AVAILABLE FOR **VERIZON WIRELESS** AT THE METER BASE PRIOR TO THE SITE BEING RELEASED AS TENANT READY

SCOPE OF WORK

FLOOD HAZARD STATEMENT
THIS COMMUNICATIONS SITE IS NOT LOCATED WITHIN THE LIMITS OF A DESIGNATED 100 YEAR FLOOD ZONE. REFER TO ASSOCIATED FINAL SURVEY FOR ELEVATIONS.

REGION MAP SCALE: NONE



VICINITY MAP SCALE: NONE

POWER COMPANY
EAST MISSISSIPPI ELECTRIC POWER ASSOCIATION (EMEPA)
CONTACT: BRYCE NESTER OR ED MORROW
PHONE: 601-581-8787 OR 601-581-8773

LAW ENFORCEMENT
LAUDERDALE COUNTY SHERIFF'S OFFICE
2500 VILLAGE FAIR DR
MERIDIAN, MS 39301
PHONE: (601) 482-9806

FIRE DEPARTMENT
TOOMSUBA VOL. FIRE DEPT.
51 WILL GARRETT RD
TOOMSUBA, MS 39364
PHONE: (601) 485-1899

CONTACTS

LASHBROOK

PREPARED BY:
JEFFREY LASHBROOK
INDEPENDENT STRUCTURAL & CIVIL
ENGINEER – SOLE PROPRIETOR

CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-3929

FROM VERIZON HOUSTON OFFICE, STARTING AT 14123 CICERO RD, HOUSTON, TX, HEAD WEST ON CICERO RD TOWARD POINT 6 CIR (0.1 MI.). TURN RIGHT ONTO POINT 6 CIR (0.1 MI.). TURN RIGHT ONTO HWY 6 N (0.2 MI.). SLIGHT RIGHT TO MERGE ONTO US-290 E (1.2 MI.). MERGE ONTO US-290 E (11.5 MI.). TAKE THE I-610 N EXIT ON RIGHT (0.7 MI.). MERGE ONTO I-610 E (12.1 MI.). TAKE EXIT 26A TO MERGE ONTO I-10 E (53.4 MI.). KEEP LEFT TO STAY ON I-10 E (207.4 MI.). KEEP RIGHT TO STAY ON I-10 E (4.1 MI.). KEEP LEFT TO CONTINUE ON I-12 E (85.2 MI.). USE MIDDLE LANE TO TAKE EXIT TO I-59 N (0.9 MI.). CONTINUE ONTO I-59 N (180 MI.). TAKE EXIT 169 FOR US-80 (0.2 MI.). TURN RIGHT ONTO US-11 N (0.8 MI.). TURN RIGHT ONTO KEWANEE RD S (0.5 MI.). SITE ON THE RIGHT.

DIRECTIONS TO SITE

GATE COMBO: 0951

SITE NUMBER
US-MS-5371

LESSEE SITE NAME
KEWANEE

SITE ADDRESS
KEWANEE RD
TOOMSUBA, MS 39364

PROPERTY OWNER
SAM MEYER FELTENSTEIN II TRUSTEE
38 KEWANEE RD SOUTH
TOOMSUBA, MS 39364
CONTACT: SAM FELTEINSTEIN
PHONE: (601) 527-2696

TOWER OWNER
THE TOWERS, LLC
750 PARK OF COMMERCE DR
BOCA RATON, FL 33487
CONTACT: HEATH McCALL
PHONE: 336-809-5630

LESSEE
VERIZON WIRELESS
14123 CICERO RD
HOUSTON, TX 77095
CONTACT: –
PHONE: –

STRUCTURE TYPE
GUYED TOWER

STRUCTURE HEIGHT
300' AGL

RAD CENTER
295' AGL

LATITUDE/LONGITUDE
32° 25' 3.58" N
88° 26' 31.77" W

SITE ELEVATION
±352' AMSL

AFTER GRADING ELEVATION TO BE ±353' AMSL

AREA OF PARCEL
COMPOUND LEASE AREA = 6400 SF
VZW LEASE AREA = 20' x 25' = 500 SF

PROJECT INFORMATION

SHEET NUMBER	DESCRIPTION
T-1	TITLE SHEET, SITE INFO AND SHEET INDEX
FN-1-3	FIELD NOTES
S	SURVEY PLAN & LEGAL DESCRIPTION AND EXHIBIT
ARCHITECTURAL	
C-1-1A	ZONING DISTANCES
C-2	OVERALL SITE PLAN
C-3-3B	DETAILED & DIMENSIONED SITE PLAN
C-4	GRADING AND EROSION CONTROL PLAN
C-5	TOWER ELEVATIONS
C-6	ANTENNA AND COAX DETAILS
C-7	ICE-BRIDGE DETAILS
C-8-8A	FENCE DETAILS
C-9	CIVIL DETAILS
C-10	FOUNDATION DETAILS
C-11-11A	EQUIPMENT DETAILS
C-12	CONSTRUCTION NOTES
C-13-13A	COMPOUND & CARRIER SIGNAGE
ELECTRICAL	
E-1-1A	CONDUIT ROUTING PLAN
E-2	GROUNDING PLAN
E-3	EQUIPMENT GROUNDING PLAN
E-4	ELECTRICAL AND GROUND NOTES
E-5	UTILITY H-FRAME
E-5A	OVP ROUTING DETAIL
E-5B	TELCO RISER DIAGRAM
E-6-6A	ELECTRICAL DETAILS
E-7	GROUNDING DETAILS
E-8	GROUNDING DETAILS
E-9	CABINET LAYOUT DETAILS
TELCO	
TD-1	TELCO ONE LINE DIAGRAM
TD-2	TELCO SIGNAGE
TD-3	HOFFMAN BOX REQUIREMENTS
REFERENCE DRAWINGS	
RF-1	RF DATA SHEET
RF-2-2A	GENERATOR SPEC SHEET
RF-3-4	EQUIP. CABINET & CANOPY SPEC SHEET
RF-5-5A	TOWER DRAWING SUMMARY

SHEET INDEX

vertical bridge
750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

LASHBROOK
PREPARED BY:
JEFFREY LASHBROOK
INDEPENDENT STRUCTURAL & CIVIL ENGINEER – SOLE PROPRIETOR
CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-3929

REVIEW COPY

SITE NAME:	KEWANEE
LOCATION CODE:	US-MS-5371
SITE ADDRESS:	KEWANEE RD TOOMSUBA, MS, 39364
AREA:	LEASE AREA = 6400 SF
PROPERTY OWNER:	SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364
TAX MAP #:	PARCEL NUMBER: 1-58270000000001900
SOURCE OF TITLE:	DEED BOOK – PAGE –
LATITUDE:	N 32° 25' 3.58"
LONGITUDE:	W 88° 26' 31.77"

REVISIONS

NO.	DESCRIPTION	DATE	CHK
A	PRELIMS	10/28/25	JTL
	JTL		

TITLE: TITLE SHEET, SITE INFO AND SHEET INDEX

SHEET: T-1

RAWLAND 05-01-2025

FLOOD HAZARD STATEMENT:

THIS COMMUNICATIONS SITE (THE SUBJECT SITE AS SHOWN) IS NOT LOCATED WITHIN THE LIMITS OF A DESIGNATED 100 YEAR FLOOD ZONE PER FEMA\FIRM MAP COMMUNITY PANEL NUMBER 28075C 0250, F, LAUDERDALE COUNTY, MISSISSIPPI. EFFECTIVE DATE FEBRUARY 3, 2010.

PROJECT BENCHMARK

PROJECT BENCHMARK ELEVATION DATUM IS BASED UPON GPS SURVEY METHODS AND PROCEDURES.
TOP OF "CAPPED" IRON PIN SET THIS SURVEY
ELEVATION = 355.85' N.A.V.D. 88
(SEE PLAN FOR LOCATION)

PERIMETER DATA – THE TOWERS LLC'S VARIABLE WIDTH JOINT ACCESS & UTILITY EASEMENT

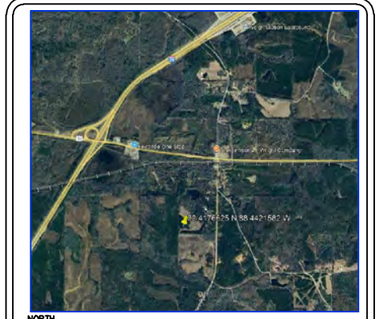
NO.	BEARING	DISTANCE
A	N 90° 00' 00" W	23.09'
B	N 60° 00' 00" E	20.00'
C	N 00° 00' 00" W	20.00'
D	S 00° 00' 00" E	20.00'
E	N 90° 00' 00" E	23.09'
F	N 60° 00' 00" W	20.00'

MS SPC (EAST ZONE)
NAD 83 GRID NORTH

GRID NORTH

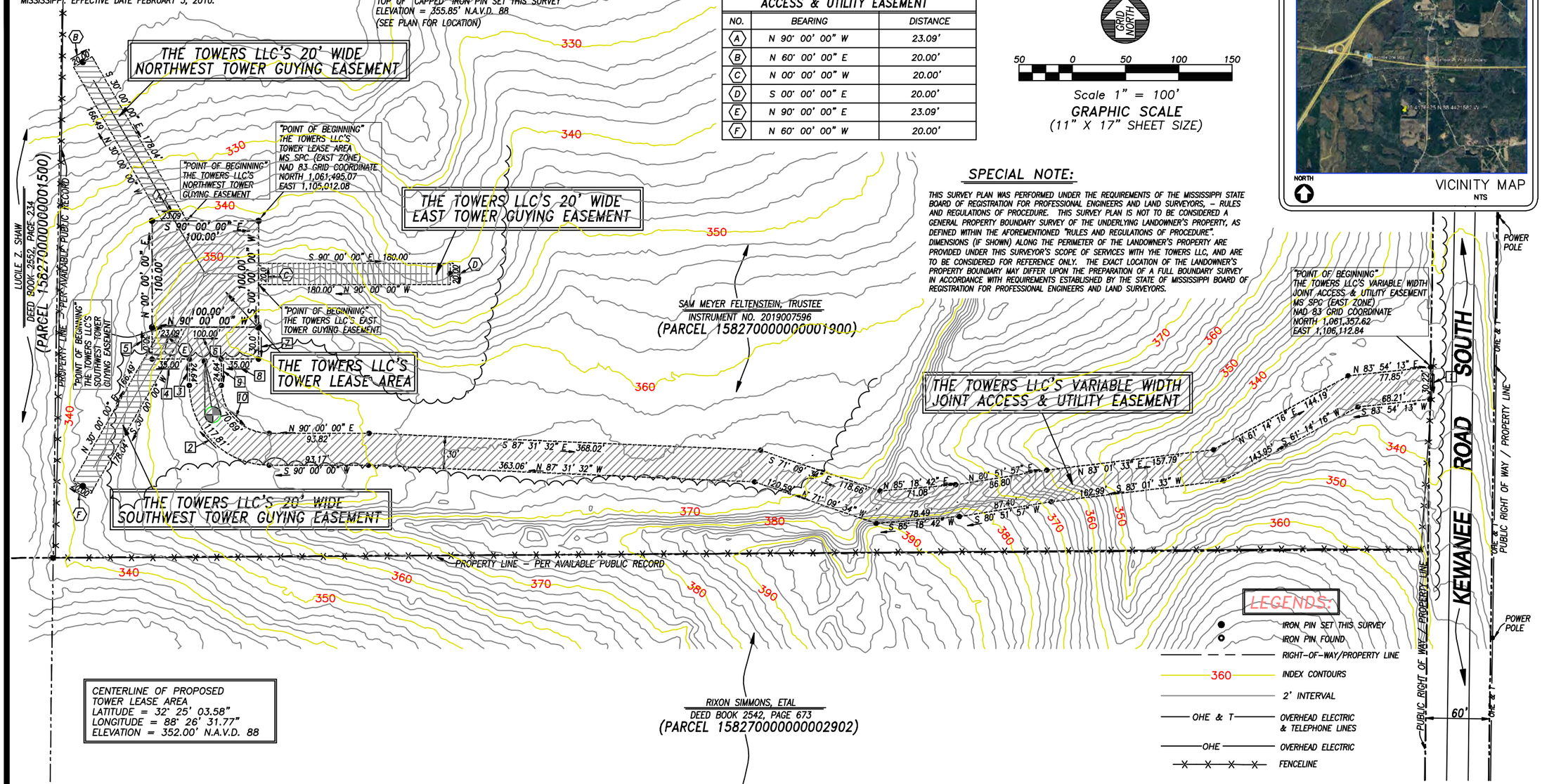
50 0 50 100 150

Scale 1" = 100'
GRAPHIC SCALE
(11" X 17" SHEET SIZE)



SPECIAL NOTE:

THIS SURVEY PLAN WAS PERFORMED UNDER THE REQUIREMENTS OF THE MISSISSIPPI STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, – RULES AND REGULATIONS OF PROCEDURE. THIS SURVEY PLAN IS NOT TO BE CONSIDERED A GENERAL PROPERTY BOUNDARY SURVEY OF THE UNDERLYING LANDOWNER'S PROPERTY, AS DEFINED WITHIN THE AFOREMENTIONED "RULES AND REGULATIONS OF PROCEDURE". DIMENSIONS (IF SHOWN) ALONG THE PERIMETER OF THE LANDOWNER'S PROPERTY ARE PROVIDED UNDER THIS SURVEYOR'S SCOPE OF SERVICES WITH YHE TOWERS LLC, AND ARE TO BE CONSIDERED FOR REFERENCE ONLY. THE EXACT LOCATION OF THE LANDOWNER'S PROPERTY BOUNDARY MAY DIFFER UPON THE PREPARATION OF A FULL BOUNDARY SURVEY IN ACCORDANCE WITH REQUIREMENTS ESTABLISHED BY THE STATE OF MISSISSIPPI BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.



LEGENDS:

- IRON PIN SET THIS SURVEY
- IRON PIN FOUND
- RIGHT-OF-WAY/PROPERTY LINE
- 360 INDEX CONTOURS
- 2' INTERVAL
- OHE & T OVERHEAD ELECTRIC & TELEPHONE LINES
- OHE OVERHEAD ELECTRIC
- FENCELINE

CENTERLINE OF PROPOSED TOWER LEASE AREA
LATITUDE = 32° 25' 03.58"
LONGITUDE = 88° 26' 31.77"
ELEVATION = 352.00' N.A.V.D. 88

PERIMETER DATA – LESSEE'S VARIABLE WIDTH JOINT ACCESS & FIBER/UTILITY EASEMENT

NO.	DELTA/BEARING	RADIUS	LENGTH	TAN	CHORD
1	S 00° 47' 40" W	———	30.22'	———	———
2	90° 00' 00"	75.00'	117.81'	75.00'	N 45° 00' 00" W/106.07'
3	N 00° 00' 00" E	———	24.64'	———	———
4	N 90° 00' 00" W	———	35.00'	———	———
5	N 00° 00' 00" E	———	30.00'	———	———
6	S 90° 00' 00" E	———	100.00'	———	———
7	S 00° 00' 00" W	———	30.00'	———	———
8	N 90° 00' 00" W	———	35.00'	———	———
9	S 00° 00' 00" W	———	24.64'	———	———
10	90° 00' 00"	45.00'	70.69'	45.00'	S 45° 00' 00" E/63.64''

UTILITY NOTE:

THIS SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS AND/OR MAPS PREPARED BY OTHERS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDER-GROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED. THEREFORE, RELIANCE UPON THE TYPE, SIZE AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. MISSISSIPPI ONE CALL: 1-800-227-6477.

FRANK V. NEELY
REGISTERED PROFESSIONAL LAND SURVEYOR
PLS #02610
STATE OF MISSISSIPPI

GENERAL NOTES:

1. I HEREBY CERTIFY THAT THIS SURVEY AND DRAWING HAVE BEEN COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM TECHNICAL STANDARDS FOR THE PRACTICE OF LAND SURVEYING IN THE STATE OF MISSISSIPPI.
2. PARCEL NUMBERS SHOWN THUS (00), REFER TO TAX MAP NO. 184 OF THE TAX ASSESSORS OFFICE OF LAUDERDALE COUNTY, MISSISSIPPI.
3. A SOKKIA GRX-3 GLOBAL POSITIONING RECEIVER WAS USED TO DETERMINE THE MISSISSIPPI STATE PLANE COORDINATES SHOWN HEREON. THE FOLLOWING NGS SURVEY CONTROL STATIONS WERE USED FOR DETERMINATION OF SAID STATE PLANE COORDINATES: ALBU CHOCTAW ELEM CORPS ARP, AL50 ALDOT CORS, ARP, & MSPE PRARIE CORS ARP.
   CONVERGANCE FACTOR = –0.90657222 DEGREES.
   CONVERGANCE FACTOR = 0.99990711 DEGREES.
   COMBINED FACTOR = 0.99989752
4. PROPERTY OWNER:

   SAM MEYER FELTENSTEIN II, TRUSTEE
   38 KEWANEE ROAD SOUTH
   TOOMSUBA, MS 39364

PLOT DATE: SEPTEMBER 6, 2025

verticalbridge

SHARONDALE SURVEYING
NC.
7733 SECOND FIDDLE WAY
ARRINGTON, TN 37014
(615) 513-0032
E-Mail: Shamdal@bellsouth.net

THE TOWERS LLC SITE SURVEY: MISSISSIPPI
"KEWANEE" TOWER SITE
LOCATED IN: LAUDERDALE COUNTY, MISSISSIPPI
TOWER LEASE AREA SURVEY
PREPARED FOR: THE TOWERS LLC
THE TOWERS LLC SITE NUMBER: US-MS-5371

SHEET NUMBER:
1 OF 2

PROJECT NUMBER:
225.069.20

THE TOWERS LLC'S TOWER LEASE AREA DESCRIPTION

Property located in the Northwest Quarter of the Southeast Quarter of Section 27, Township 7 North, Range 18 East, Lauderdale County, Mississippi, being more particularly described as follows:

Beginning at a capped "MS PLS #02610" iron pin set at the northeast corner of The Towers LLC's tower lease area located at Mississippi State Plane (East Zone) NAD 83 Grid Coordinate North 1,061,495.07, East 1,105,112.08;

Thence, South 00 degrees 00 minutes 00 seconds West, 100.00 feet to a capped "MS PLS #02610" iron pin set at the southeast corner of The Towers LLC's tower lease area;

Thence, North 90 degrees 00 minutes 00 seconds West, 100.00 feet to a capped "MS PLS #02610" iron pin set at the southwest corner of The Towers LLC's tower lease area;

Thence, North 00 degrees 00 minutes seconds East, 100.00 feet to a capped "MS PLS #02610" iron pin set at the northwest corner of The Towers LLC's tower lease area;

Thence, North 90 degrees 00 minutes 00 seconds East, 100.00 feet to the point of beginning, containing 10,000 square feet, (0.230 acres).

Being a portion of the property conveyed to Sam Meyer Feltenstein, II, of record in Instrument No. 2019007596, of the Circuit Court Clerk's Office of Lauderdale County, Mississippi.

THE TOWERS LLC'S VARIABLE WIDTH JOINT ACCESS & UTILITY EASEMENT AREA DESCRIPTION

Being a variable width joint access and utility easement extending from the west margin of Kewanee Road South to the south margin of The Towers LLC's tower lease area, being more particularly described as follows:

Beginning at a capped "MS PLS 02610" iron pin set in the west margin of Kewanee Road South located at Mississippi State Plane (East Zone) NAD 83 Grid Coordinate North 1,130,849.91, East 1,030,793.23;

Thence, with the west margin of Kewanee Road South, South 00 degrees 47 minutes 40 seconds West, 30.22 feet to a capped "MS PLS 02610" iron pin set;

Thence, leaving the west margin of Kewanee Road South, South 83 degrees 54 minutes 13 seconds West, 68.21 feet to a point;

Thence, South 61 degrees 14 minutes 16 seconds West, 143.95 feet to a point;

Thence, South 83 degrees 01 minute 33 seconds West, 162.99 feet to a point;

Thence, South 80 degrees 51 minutes 57 seconds West, 87.40 feet to a point;

Thence, South 85 degrees 18 minutes 42 seconds West, 78.49 feet to a point;

Thence, North 71 degrees 09 minutes 34 seconds West, 120.59 feet to a point;

Thence, North 87 degrees 31 minutes 32 seconds West, 363.06 feet to a point;

Thence, North 90 degrees 00 minutes 00 seconds West, 93.17 feet to a point;

Thence, along a curve to the right with a central angle of 90 degrees 00 minutes 00 seconds, a radius of 75.00 feet, and a chord bearing of North 45 degrees 00 minutes 00 seconds West, 106.07 feet, a total distance of 117.81 feet to a point;

Thence, North 00 degrees 00 minutes 00 seconds East, 24.64 feet to a point;

Thence, North 90 degrees 00 minutes 00 seconds West, 35.00 feet to a point;

Thence, North 00 degrees 00 minutes 00 seconds East, 30.00 feet to a capped "MS PLS #02610" iron pin set at the southwest corner of The Towers LLC's tower lease area;

Thence, with the south margin of The Towers LLC's tower lease area, North 90 degrees 00 minutes 00 seconds East, 100.00 feet to a capped "MS PLS #02610" iron pin set at the southeast corner of The Towers LLC's tower lease area;

Thence, leaving the south margin of The Towers LLC's tower lease area, South 00 degrees 00 minutes 00 seconds West, 30.00 feet to a point;

Thence, North 90 degrees 00 minutes 00 seconds West, 35.00 feet to a point;

Thence, South 00 degrees 00 minutes 00 seconds West, 24.64 feet to a point;

Thence, along a curve to the left with a central angle of 90 degrees 00 minutes 00 seconds, a radius of 45.00 feet, and a chord bearing of South 45 degrees 00 minutes 00 seconds East, 63.64 feet, a total distance of 70.69 feet to a point;

Thence, South 90 degrees 00 minutes 00 seconds East, 93.82 feet to a point;

Thence, South 87 degrees 31 minutes 32 seconds East, 368.02feet to a point;

Thence, South 71 degrees 09 minutes 34 seconds East, 118.66 feet to a point;

Thence, North 85 degrees 18 minutes 42 seconds East, 71.08 feet to a point;

Thence, North 80 degrees 51 minutes 57 seconds East, 86.80 feet to a point;

Thence, North 83 degrees 01 minute 33 seconds East, 157.79 feet to a point;

Thence, North 61 degrees 14 minutes 16 seconds East, 144.19 feet to a point;

Thence, North 83 degrees 54 minutes 13 seconds East, 77.85 feet to the point of beginning, containing 40,107 square feet, (0.921 acres).

Being a portion of the property conveyed to Sam Meyer Feltenstein, II, of record in Instrument No. 2019007596, of the Circuit Court Clerk's Office of Lauderdale County, Mississippi..

THE TOWERS LLC'S 20' WIDE NORTHWEST TOWER GUYING EASEMENT

Beginning at a point in the north margin of The Towers LLC's tower lease area being North 90 degrees 00 minutes 00 seconds West, 67.12 feet from a capped "MS PLS #02610" iron pin set at the northeast corner of The Towers LLC's tower lease area;

Thence, with the north margin of The Towers LLC's tower lease area, South 90 degrees 00 minutes 00 seconds West, 23.09 feet to a point;

Thence, leaving the north margin of The Towers LLC's tower lease area, North 30 degrees 00 minutes 00 seconds West, 166.49 feet to a point;

Thence, North 60 degrees 00 minutes 00 seconds East, passing a capped "MS PLS #02610" iron pin set at 10.00 feet, a total distance of 20.00 feet to a point;

Thence, South 30 degrees 00 minutes 00 seconds East, 178.04 feet to the point of beginning, containing 3,445 square feet, (0.079 acres).

Being a portion of the property conveyed to Sam Meyer Feltenstein, II, of record in Instrument No. 2019007596, of the Circuit Court Clerk's Office of Lauderdale County, Mississippi.

THE TOWERS LLC'S 20' WIDE EAST TOWER GUYING EASEMENT

Beginning at a point in the east margin of The Towers LLC's tower lease area being North 00 degrees 00 minutes 00 seconds East, 40.00 feet from a capped "MS PLS #02610" iron pin set at the southeast corner of The Towers LLC's tower lease area;

Thence, with the east margin of The Towers LLC's tower lease area, North 00 degrees 00 minutes 00 seconds East, 20.00 feet to a point;

Thence, leaving the east margin of The Towers LLC's tower lease area, North 90 degrees 00 minutes 00 seconds East, 180.00 feet to a point;

Thence, South 00 degrees 00 minutes 00 seconds West, passing a capped "MS PLS #02610" iron pin set at 10.00 feet, a total distance of 20.00 feet to a point;

Thence, North 0 degrees 00 minutes 00 seconds West, 180.00 feet to the point of beginning, containing 3,600 square feet, (0.083 acres).

Being a portion of the property conveyed to Sam Meyer Feltenstein, II, of record in Instrument No. 2019007596, of the Circuit Court Clerk's Office of Lauderdale County, Mississippi.

THE TOWERS LLC'S 20' WIDE SOUTHWEST TOWER GUYING EASEMENT

Beginning at a point in the south margin of The Towers LLC's tower lease area being South 90 degrees 00 minutes 00 seconds East, 9.58 feet from a capped "MS PLS #02610" iron pin set at the northeast corner of The Towers LLC's tower lease area;

Thence, with the South margin of The Towers LLC's tower lease area, North 90 degrees 00 minutes 00 seconds East, 23.09 feet to a point;

Thence, leaving the south margin of The Towers LLC's tower lease area, South 30 degrees 00 minutes 00 seconds West, 178.04 feet to a point;

Thence, South 60 degrees 00 minutes 00 seconds West, passing a capped "MS PLS #02610" iron pin set at 10.00 feet, a total distance of 20.00 feet to a point;

Thence, North 30 degrees 00 minutes 00 seconds East, 166.49 feet to the point of beginning, containing 3,445 square feet, (0.079 acres).

Being a portion of the property conveyed to Sam Meyer Feltenstein, II, of record in Instrument No. 2019007596, of the Circuit Court Clerk's Office of Lauderdale County, Mississippi.

UNDERLYING LANDOWNER'S PROPERTY AREA DESCRIPTION

All of that part of the Northwest Quarter of Southeast Quarter of Section 27, Township 7 North, Range 18 East, lying West of the Kewanee and Salem Baptist Church paved road, comprising 39 acres, more or less.

Parcel ID No.: 158270000000001900

This being the same property conveyed to Sam Meyer Feltenstein, II, as trustee of the Sam Meyer Feltenstein, II Living Trust dated August 21, 2019 from Sam Meyer Feltenstein, II, a single man in a Deed and Memorandum of Trust dated Augsut 26, 2019, and recorded August 269, 2019 as Instrument No. 2019007596 in Lauderdale County, Mississippi.

SURVEYOR'S REVIEW OF "SPECIAL EXCEPTIONS"

NOTES CORRESPONDING TO TOWER TITLE INSURANCE COMPANY'
"TITLE COMMITMENT" – COMMITMENT NO. VTB–213892–C, ISSUED AUGUST 6, 2025.

SPECIAL EXCEPTION NUMBER ONE THROUGH NINE ARE NOT THE TYPE OF EXCEPTION(S) TO BE SHOWN UPON THE FACE OF THIS SURVEY.

10 — RIGHT OF WAY EASEMENT BETWEEN SAM M. FELTENSTEIN II, AND SOUTH CENTRAL BELL TELEPHONE COMPANY, OF RECORD IN BOOK 1014, PAGE 536, OF THE COURT CLERK'S OFFICE OF LAUDERDALE COUNTY, MISSISSIPPI, DOES NOT AFFECT THE TOWERS LLC'S TOWER LEASE AND EASEMENT AREA INTERESTS.

11 — RIGHT OF WAY EASEMENT BETWEEN SAM M. FELTENSTEIN II, AND TOOMSUBA WATER SYSTEM IND, A MISSISSIPPI CORP., OF RECORD IN BOOK 1392, PAGE 364, OF THE COURT CLERK'S OFFICE OF LAUDERDALE COUNTY, MISSISSIPPI, DOES NOT AFFECT THE TOWERS LLC'S TOWER LEASE AND EASEMENT AREA INTERESTS.

SURVEYOR'S STATEMENTS:

I hereby certify to: Vertical Bridge REIT, LLC, a Delaware limited liability company, it's subsidiaries, and their respective successors and/or assigns, it's lenders, and administrative agents and each of their respective successors and/or assigns, and Tower Title, LLC, that (i) the The Towers LLC Access and Utility Easement run to a confirmed public R.O.W., (ii) The Towers LLC's tower lease and easement areas lie entirely within the Parent Parcel(s), (iii) at the time of this survey, there were no encroachments affecting The Towers LLC's Tower Lease or The Towers Easement Areas.

FRANK V. NEELEY REGISTERED PROFESSIONAL LAND SURVEYOR PLS #02610 STATE OF MISSISSIPPI

F. V. Neeley

Frank V. Neeley, Registered Land Surveyor
State of Mississippi PLS # 02610.

PLOT DATE: SEPTEMBER 6, 2025

verticalbridge

SHARONDALE SURVEYING INC.
7733 SECOND FIDDLE WAY
ARRINGTON, TN 37014
(615) 513–0032
E–Mail: Sharndal@bellsouth.net

THE TOWERS LLC SITE SURVEY: MISSISSIPPI
"KEWANEE" TOWER SITE
LOCATED IN: LAUDERDALE COUNTY, MISSISSIPPI
TOWER LEASE AREA SURVEY
PREPARED FOR: THE TOWERS LLC
THE TOWERS LLC SITE NUMBER: US–MS–5371

SHEET NUMBER:
1 OF 2

PROJECT NUMBER:
225.069.20

THE PROJECT MANAGER MUST BE ON SITE, AT A MINIMUM, FOR THE FOLLOWING INSPECTIONS REQUIRED BY VERIZON. GC IS REQUIRED TO PROVIDE A MINIMUM OF 48 HOURS NOTICE BEFORE EACH OF THESE INSPECTIONS:

1. PRE-CONSTRUCTION MEETING WITH PROJECT SUPERVISOR OR FOREMAN.
2. SHELTER, CABINET, GENERATOR PAD INSPECTION; BEFORE POUR AND AFTER POUR.
3. GROUND SYSTEM INSPECTION BEFORE BACKFILLING.
4. CONDUIT INSPECTION BEFORE BACKFILLING.
5. SETTING OF SHELTER, CABINETS AND GENERATOR.
6. MEG TESTING OF THE GROUND SYSTEM.
7. TOWER FOUNDATION CONSTRUCTION AND THE STACKING OF THE TOWER.

SPECIAL NOTE:

1. IN THE WTN AND NMS REGION, THE ESSE GENERATOR TECH DOES THE FUELING OF THE GENERATORS. THE PRE-START UP CHECK LIST MUST BE COMPLETED AND FORWARDED TO THE PROJECT MANAGER BEFORE HE CAN BE SCHEDULED TO PERFORM FUELING, START-UP AND LOAD TESTING. CHECK LOCAL CODES TO DETERMINE IF A FIRE MARSHALL INSPECTION AND PERMIT ARE ALSO REQUIRED. THE GC IS RESPONSIBLE TO OBTAIN THE PERMIT AND SCHEDULE THE FIRE MARSHALL TO BE ON SITE DURING FUELING AND START-UP.

2. CHANGE ORDERS: ALL CHANGES TO THE PROJECT (CONSTRUCTION DRAWINGS) MUST BE PRE-APPROVED THROUGH THE VERIZON PROJECT MANAGER, PRIOR TO IMPLEMENTATION OF CHANGE. A FULL SIZE SET OF THE LATEST CONSTRUCTION DRAWINGS (CD'S), AND THESE SUPPLEMENTAL SPECIFICATIONS, SHOWING ALL CHANGES TO DATE, MUST BE KEPT ON SITE DURING THE COMPLETE PROJECT. IN ADDITION, PERMITS AND OTHER REQUIRED LEGAL DOCUMENTS MUST ALSO BE KEPT ON SITE. GC IS RESPONSIBLE FOR ESTABLISHING A PLACE TO KEEP THESE DOCUMENTS ON SITE, AND THE STORAGE SYSTEMS SHALL KEEP THE DOCUMENTS DRY, AND MUST BE ACCESSIBLE TO ALL THAT COME ON SITE.

3. ALL CHANGES TO THE PROJECT SHALL BE NOTED ON THE CONSTRUCTION DRAWINGS AND WILL BE INITIALED BY THE SITE FOREMAN AND THE VERIZON PROJECT MANAGER. "RED-LINED" MARK-UPS ARE THE ONLY AUTHORIZED METHOD TO MAKE NOTES ON THE CD'S. ALL THE APPROVED CHANGES MUST BE NOTED ON THE SET OF AS-BUILTS SUBMITTED AT THE END OF THE PROJECT BY THE GC.

VERIZON - PROJECT MANAGER
NAME: COMPANY: EMAIL: PHONE:

ONE-CALL UTILITY MARKING:
REQUESTED:
MARKED:

TELCO SERVICE PROVIDER:
FIBER WALK:
BID WALK:
BIDS DUE:

GENERAL CONTRACTOR:
G.C. ON-SITE SUPERVISOR:
BUILDING PERMIT RECEIVED:
VZW N.T.P.:
PRE-CONSTRUCTION WALK:
CONSTRUCTION START:
CONSTRUCTION START EMAIL TO VZW:

BUILDING FOUNDATION INSPECTION:
EQUIPMENT PAD INSPECTION:
CONDUIT INSPECTION:
GROUNDING INSPECTION:
MEG TEST:
ROOM READY:
A&L REVIEW:
PUNCH LIST DEVELOPED:

TOWER BOLTS RECEIVED:
TOWER FOUNDATION INSPECTION:
TOWER RECEIVED:
TOWER STACKED:
HVF AND TCN TO VZW:
TOWER PHOTOS TO VZW:
TOWER INFO UPLOADED TO SITETRACKER/FUZE:

VZW HOUGC EQUIPMENT DESIGN STANDARD PARAMETERS

ITEM	STANDARD	NOTES
SITE LIGHTING	EQUIPMENT AREA MUST BE LIT AS WELL AS FACE OF CABINETS ON PAD/PLATFORM. LIGHTS ARE SHOWN WHERE REQUIRED TO ACHIEVE ADEQUATE WORK LIGHT CONDITIONS	SOME SITES MAY REQUIRE LIGHTING PLACEMENT DEVIATION DEPENDING ON SITE CONDITIONS. LIGHTS MUST BE ON TWIST TIMERS
ICE BRIDGE	ICE BRIDGE NOT SHOWN OVER ELECTRICAL EQUIPMENT ON PADS DUE TO REGIONAL SITE CONDITIONS.	
EQUIPMENT PAD WITH GENERATOR	11'x4" WITH AWNING. PAD MUST SUPPORT (1) PRIMARY, (1) FUTURE BATTERY, & (1) FUTURE CABINET. CABINETS 3" FROM EDGE TO PAD.	30KW KOHLER GENERATOR
FIBER CONDUIT REQUIREMENTS	(2) 2" SCH. 40 PVC CONDUIT AND (2) PULL STRING EACH (4 TOTAL) 36" DEEP UNDERGROUND FROM HAND HOLE TO TELCO DEMARC ON EQUIPMENT RACK.	
ELECTRIC REQUIREMENTS	SITE MUST BE DESIGNED TO SUPPORT (4) RECTIFIERS & (1) BATTERY CABINET.	RECTIFIER USED IS GE - NE07AC48ATEZ

SPECIAL NOTES:
(1). HAND HOLES: 30"x48"x24"D
(2). PULL BOX: 17"x30"x24"D
(3). HOFFMAN BOX: 30"x30"x12"
(4). TELCO JUNCTION BOX: 24"x24"x10"D

GENERATOR ALARM COLOR SCHEME:
(1). GENERATOR RUN: GREEN/GREEN WHITE
(2). GENERATOR FAIL: BLUE/BLUE WHITE
(3). LOW FUEL: ORANGE/ORANGE WHITE

NOTE: GENERATOR ALARMS DO NOT GO THROUGH THE JUNCTION BOX

NOTE: IF THIS SITE REQUIRES AN LPG FUEL TANK, IT WILL ALSO REQUIRE "LOW FUEL" ALARM FROM TANK TO CABINET IN SCH 80 PVC CONDUIT.

verticalbridge
750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

LASHBROOK
PREPARED BY:
JEFFREY J. LASHBROOK
INDEPENDENT STRUCTURAL & CIVIL ENGINEER - SOLE PROPRIETOR
CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-5929

REVIEW COPY

SITE NAME:	KEWANEE
LOCATION CODE:	US-MS-5371
SITE ADDRESS:	KEWANEE RD TOOMSUBA, MS, 39364
AREA:	LEASE AREA = 6400 SF
PROPERTY OWNER:	SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364
TAX MAP #:	PARCEL NUMBER: 1-58270000000001900
SOURCE OF TITLE:	DEED BOOK - PAGE -
LATITUDE:	32° 25' 3.58"
LONGITUDE:	W 88° 26' 31.77"

REVISIONS

NO.	BY	DESCRIPTION	DATE	CHK
A	JTL	PRELIMS	10/28/25	JTL

TITLE: VERIZON FIELD NOTES

SHEET: FN-1

WTNNMS RAWLAND 08-12-2022

ALL FIELD CHANGES AND MODIFICATIONS TO THE REQUIREMENTS OF THE CONSTRUCTION DRAWINGS MUST BE NOTED HERE AND INITIALED BY BOTH FIELD SUPERVISOR AND INTEGRITY MANAGEMENT PROJECT MANAGER

DO NOT FUEL GENERATOR. ESSE WILL FUEL GENERATOR AFTER ADDING OVERFLOW RELIEF VALVE AND PRESSURE TESTING FUEL TANK.

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A	PRELIMS	JTL	10/28/25	JTL

TITLE:

FIELD NOTES

SHEET:

FN-2

WTNNMS RAWLAND 08-12-2022

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REVISIONS

NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

TITLE:

FIELD NOTES

SHEET:

FN-3

WTNNMS RAWLAND 08-12-2022

LEGEND

- OHE — EXISTING OVERHEAD ELECTRIC
- OHT — EXISTING OVERHEAD TELEPHONE
- UGE — EXISTING UNDERGROUND ELECTRIC
- UGT — EXISTING UNDERGROUND TELEPHONE
- FENCE LINE
- LEASE LINE
- P/L — APPROXIMATE PROPERTY LINE
- R/W — APPROXIMATE RIGHT OF WAY
- POWER POLE
- FIRE HYDRANTS
- WV — WATER VALVES
- BOLLARDS
- SET 5/8" IRON PIN WITH CAP
- BENCHMARK
- FOUND #5 REBAR
- UTILITY POLE GUY WIRE

GRAPHIC SCALE

100 0 100 200 400

(IN FEET)
1 INCH = 200 FEET

verticalbridge
750 PARK OF COMMERCE DRIVE
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TAX MAP #:	PARCEL NUMBER: 1582700000000001900
SOURCE OF TITLE:	DEED BOOK - PAGE -
LATITUDE: N 32° 25' 3.58"	LONGITUDE: W 88° 26' 31.77"

REVISIONS

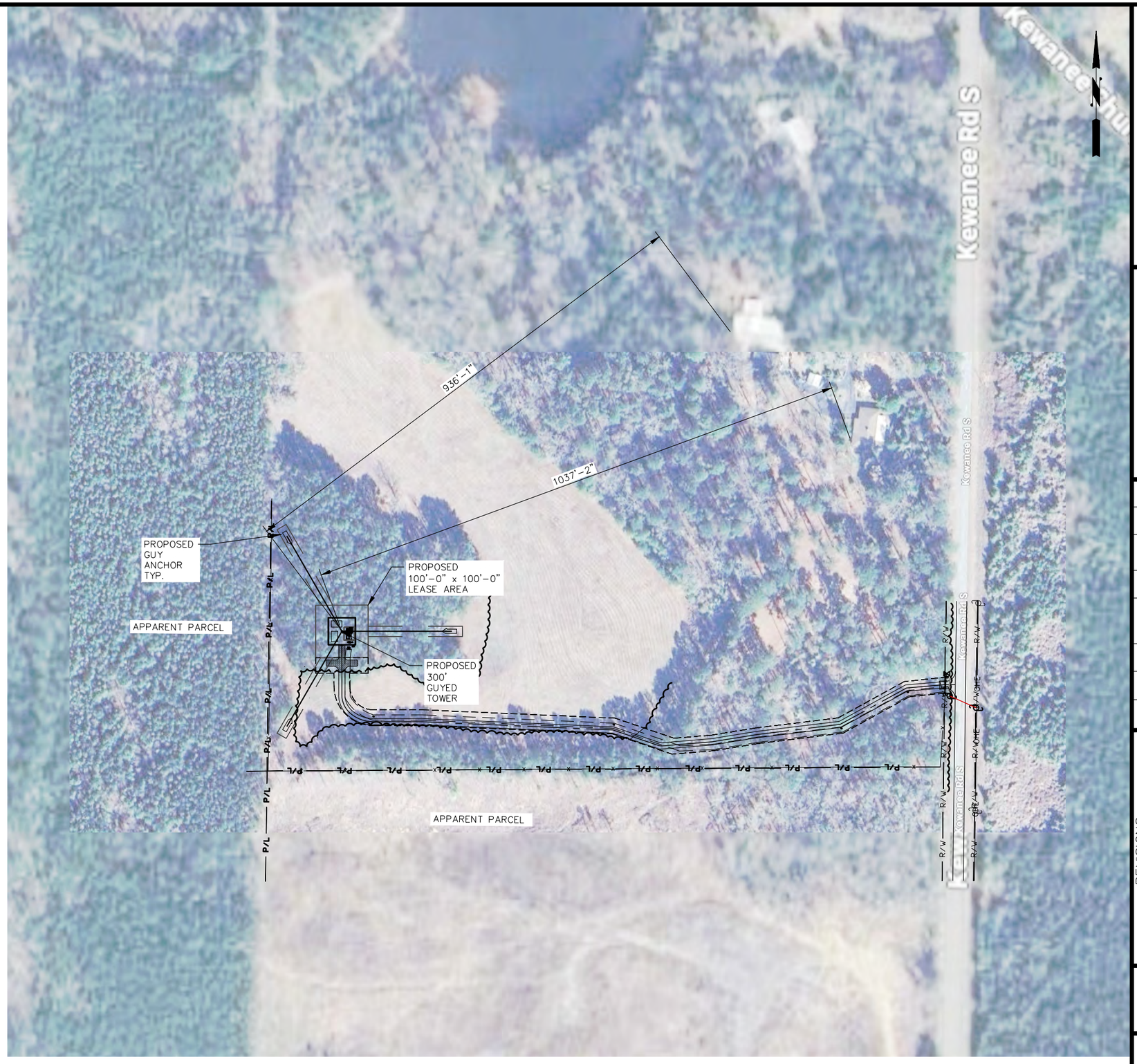
NO.	DESCRIPTION	DATE	CHK
A	PRELIMS	10/28/25	JTL

BY	JTL

TITLE: DISTANCE TO PROPERTY LINES

SHEET: C-1

RAWLAND 05-01-2025



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GRAPHIC SCALE

100 0 100 200 400

(IN FEET)
1 INCH = 200 FEET

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REVISIONS

NO.	BY	DESCRIPTION	DATE	CHK
A	JTL	PRELIMS	10/28/25	JTL

TITLE: DISTANCE TO RESIDENTIAL STRUCTURES

SHEET: C-1A

RAWLAND 05-01-2025

SITE PLAN NOTES:

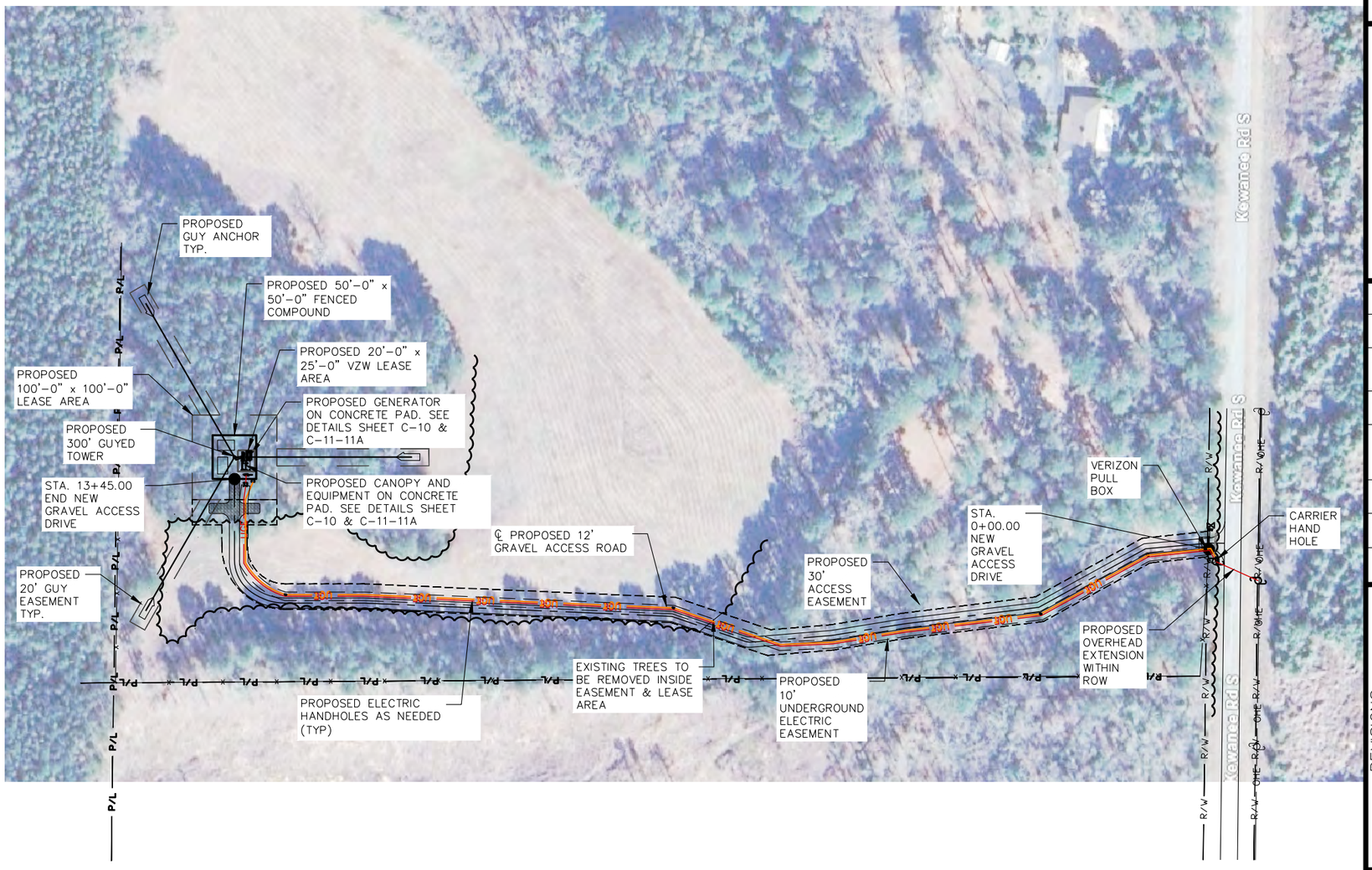
THE PROPOSED DEVELOPMENT IS FOR A 300 FOOT GUYED TOWER (PLUS A 10 FOOT LIGHTNING ARRESTOR) WITH MULTIPLE CARRIERS. ITS LOCATION IS AT KEWANEE RD, TOOMSUBA, MS 39364

THE TOWER WILL BE ACCESSED BY A PROPOSED STABILIZED DRIVE FROM AN EXISTING ASPHALT ROADWAY (KEWANEE RD). THE ACCESS ROAD IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE LOCAL HIGHWAY DEPARTMENT OF TRANSPORTATION STANDARDS. WATER, SANITARY SEWER AND WASTE COLLECTIONS SERVICES ARE NOT REQUIRED FOR THE PROPOSED DEVELOPMENT.

CENTERLINE OF PROPOSED TOWER GEOGRAPHIC LOCATIONS:
LATITUDE: 32° 25' 3.58" N
LONGITUDE: 88° 26' 31.77" W

NOTE:

1. REMOVE ALL VEGETATION AND CLEAN AREA WITHIN LEASE AREA (CLEAR AND GRUB ENTIRE LEASE AREA).
2. FINISH GRADING TO PROVIDE EFFECTIVE DRAINAGE WITH A SLOPE OF NO LESS THAN ONE EIGHT INCH (1/8") PER FOOT FLOWING AWAY FROM EQUIPMENT FOR A MINIMUM DISTANCE OF SIX FEET (6') IN ALL DIRECTIONS.
3. LOCATE ALL UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION.
4. COMPOUND FINISHED SURFACE TO BE FENCED.
5. ALL REFERENCES TO THE TOWER AND ITS FOUNDATION ARE DIRECTED TO THE DESIGN AND DETAIL DRAWINGS BY THE TOWER SUPPLIER WHICH SHALL BE SIGNED AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MISSISSIPPI.
6. CONTRACTOR TO PLACE CULVERTS, DRAINAGE DITCHES, DIVERTERS, ETC. AS REQUIRED TO CONTROL DRAINAGE ACROSS ACCESS DRIVE AND TO MINIMIZE EROSION.



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- FOUND #5 REBAR
- UTILITY POLE GUY WIRE

GRAPHIC SCALE
75 0 75 150 300
(IN FEET)
1 INCH = 150 FEET

750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
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REVISIONS

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A	JTL	PRELIMS	10/28/25	JTL

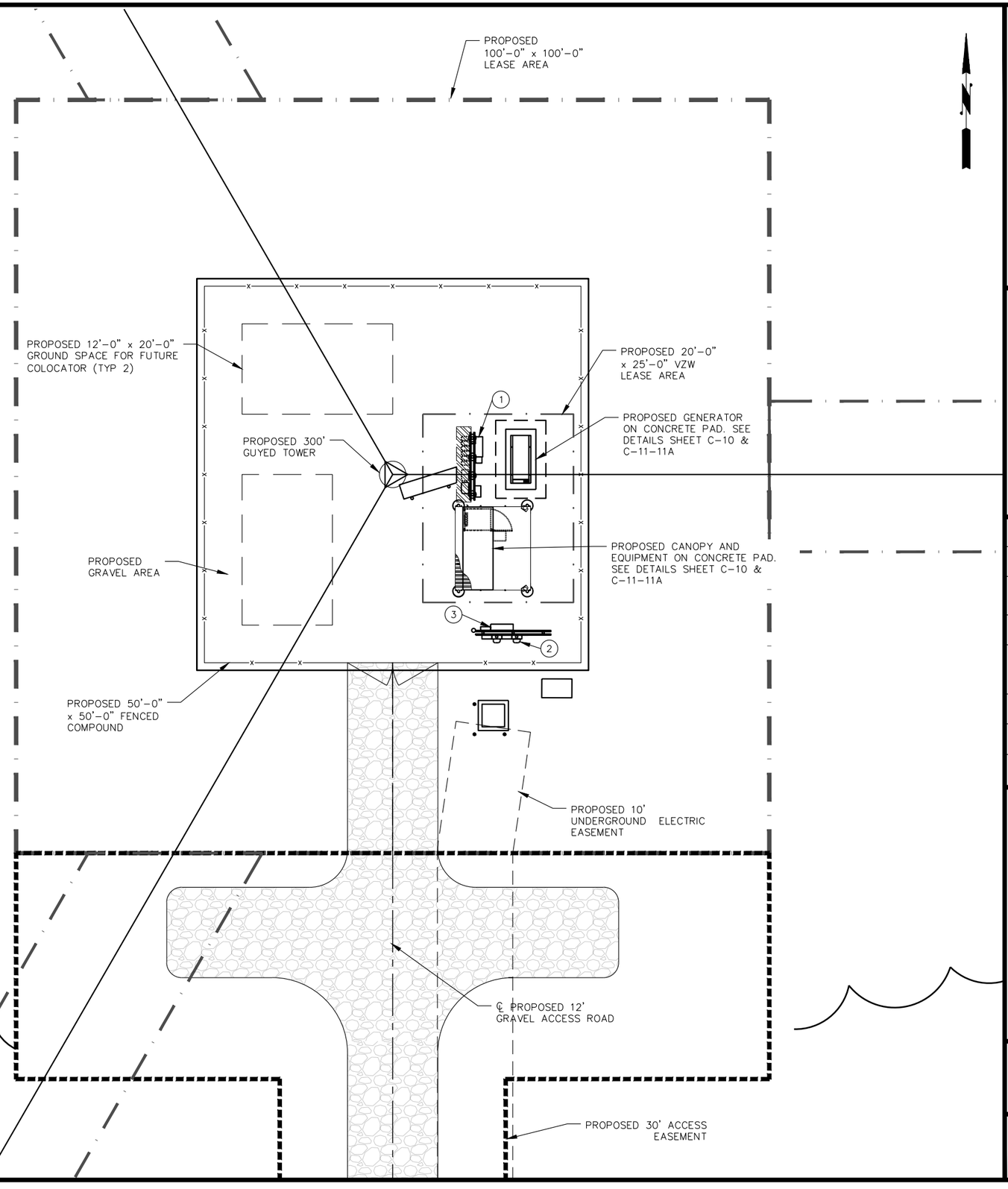
TITLE: OVERALL SITE PLAN

SHEET: C-2

RAWLAND 05-01-2025

CONSTRUCTION KEYNOTES:

1. PROPOSED LESSEE AUTOMATIC TRANSFER SWITCH INSTALLED ON EQUIPMENT.
2. PROPOSED LESSEE ELECTRIC METER AND DISCONNECT. 4-GANG, 600A METER PANEL AND SOCKETS BY THIS CONTRACT. METER BY UTILITY COMPANY.
3. PROPOSED 36" X 36" X 10" TELCO HOFFMAN BOX INSTALLED ON UTILITY H-FRAME



LEGEND

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OHT	EXISTING OVERHEAD TELEPHONE
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— · —	LEASE LINE
P/L P/L	APPROXIMATE PROPERTY LINE
R/W R/W	APPROXIMATE RIGHT OF WAY
	POWER POLE
	FIRE HYDRANTS
WV	WATER VALVES
	BOLLARDS
	SET 5/8" IRON PIN WITH CAP
	BENCHMARK
	FOUND #5 REBAR
	UTILITY POLE GUY WIRE

GRAPHIC SCALE

7.5 0 7.5 15 30

(IN FEET)
1 INCH = 15 FEET

verticalbridge
750 PARK OF COMMERCE DRIVE
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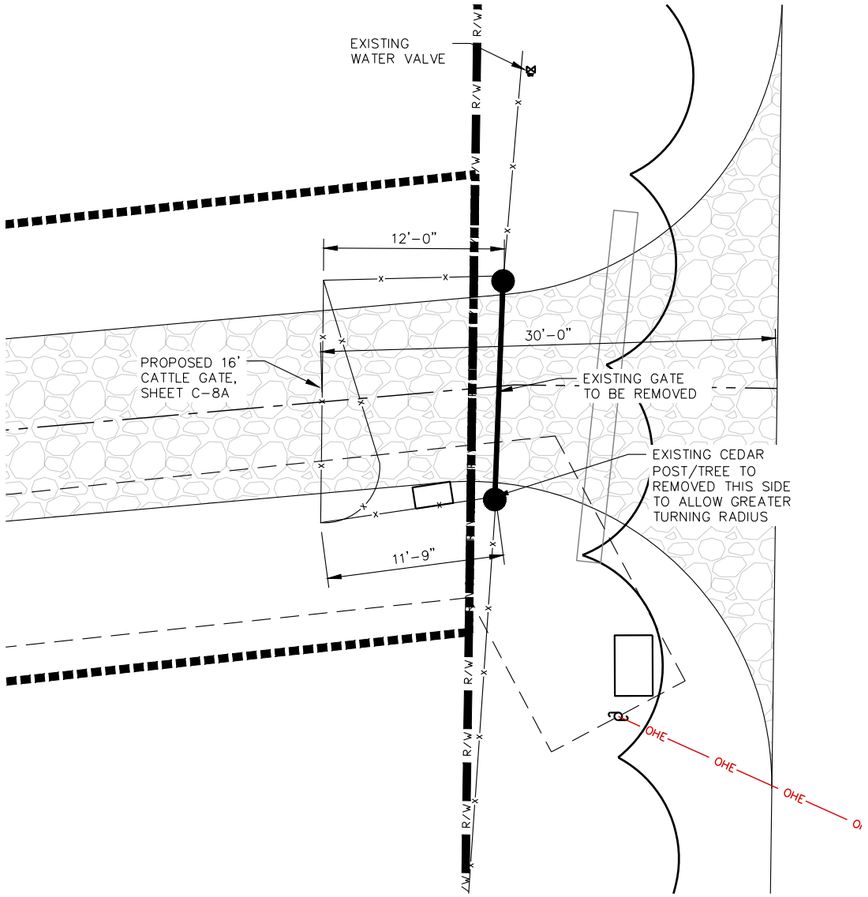
REVISIONS

NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

TITLE: DETAILED SITE PLAN

SHEET: C-3

RAWLAND 05-01-2025



DRIVEWAY ENTRANCE PLAN:

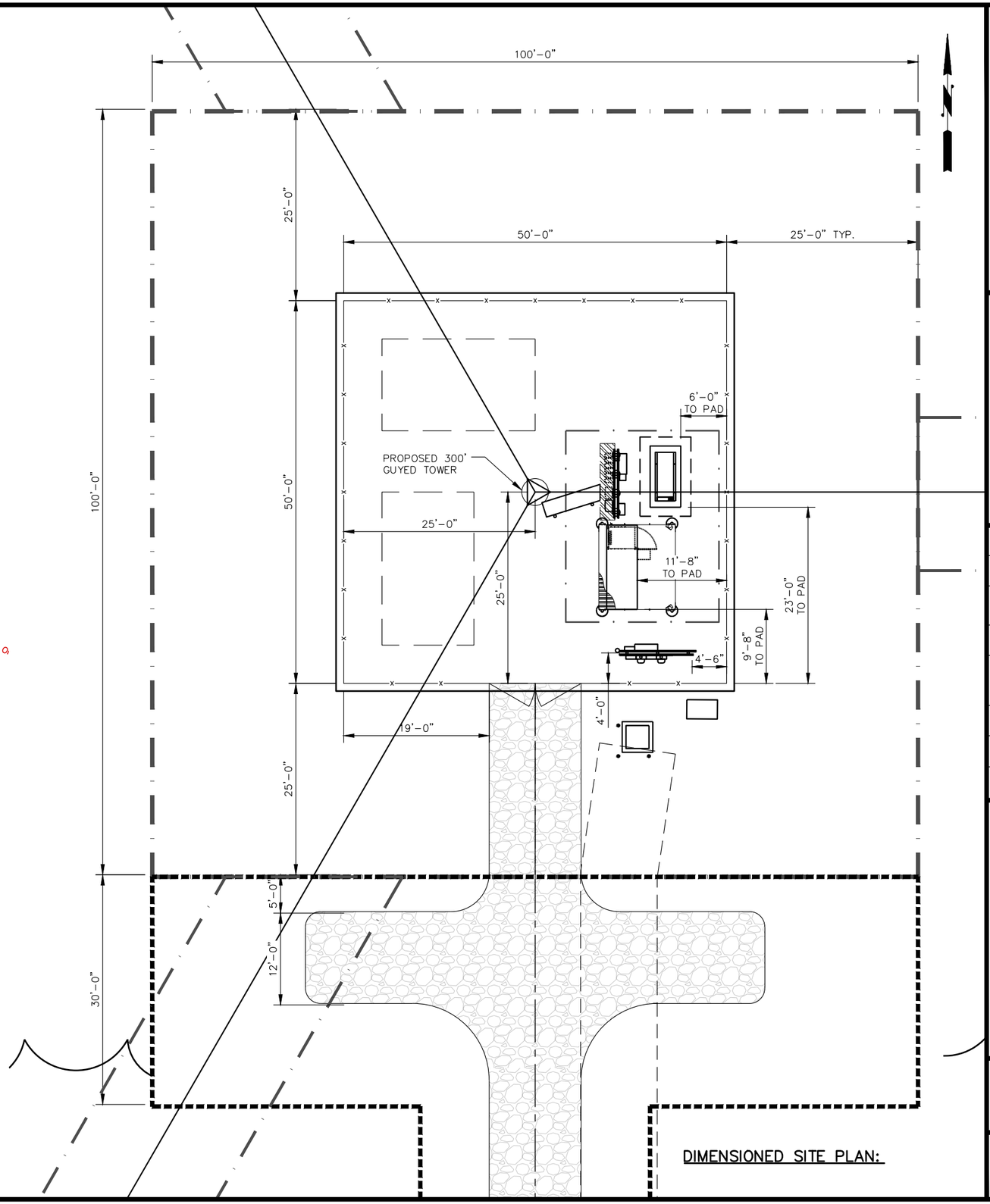
LEGEND

OHE	EXISTING OVERHEAD ELECTRIC
OHT	EXISTING OVERHEAD TELEPHONE
UGE	EXISTING UNDERGROUND ELECTRIC
UGT	EXISTING UNDERGROUND TELEPHONE
x x	FENCE LINE
	LEASE LINE
P/L P/L	APPROXIMATE PROPERTY LINE
R/W R/W	APPROXIMATE RIGHT OF WAY
	POWER POLE
	FIRE HYDRANTS
	WATER VALVES
	BOLLARDS
	SET 5/8" IRON PIN WITH CAP
	BENCHMARK
	FOUND #5 REBAR
	UTILITY POLE GUY WIRE

GRAPHIC SCALE

7.5 0 7.5 15 30

(IN FEET)
1 INCH = 15 FEET



DIMENSIONED SITE PLAN:

750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

verticalbridge

LASHBROOK

PREPARED BY:
JEFFREY J. LASHBROOK
INDEPENDENT STRUCTURAL & CIVIL ENGINEER - SOLE PROPRIETOR
CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-5929

REVIEW COPY

SITE NAME:	KEWANEE
LOCATION CODE:	US-MS-5371
SITE ADDRESS:	KEWANEE RD TOOMSUBA, MS, 39364
AREA:	LEASE AREA = 6400 SF
PROPERTY OWNER:	SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364
TAX MAP #:	PARCEL NUMBER: 1-58270000000001900
SOURCE OF TITLE:	DEED BOOK - PAGE -
LATITUDE: N 32° 25' 3.58"	LONGITUDE: W 88° 26' 31.77"

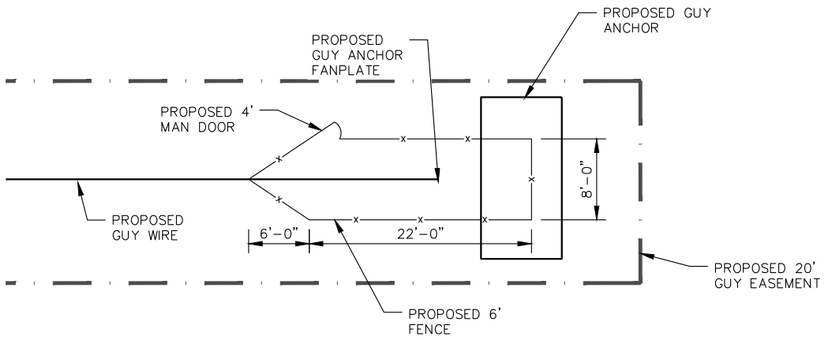
REVISIONS

NO.	DESCRIPTION	DATE	BY	CHK
A	PRELIMS	10/28/25	JTL	JTL

TITLE: DIMENSIONED SITE PLAN

SHEET: C-3A

RAWLAND 05-01-2025



NOTE: FENCING SIZE TO BE CONFIRMED ONCE TOWER DRAWINGS ARE RECEIVED

NOTE: FENCING SHOWN IS TYPICAL AT ALL 3 GUY ANCHOR LOCATIONS

LEGEND

- OHE — EXISTING OVERHEAD ELECTRIC
- OHT — EXISTING OVERHEAD TELEPHONE
- UGE — EXISTING UNDERGROUND ELECTRIC
- UGT — EXISTING UNDERGROUND TELEPHONE
- FENCE LINE
- LEASE LINE
- P/L — APPROXIMATE PROPERTY LINE
- R/W — APPROXIMATE RIGHT OF WAY
- POWER POLE
- FIRE HYDRANTS
- WATER VALVES
- BOLLARDS
- SET 5/8" IRON PIN WITH CAP
- BENCHMARK
- FOUND #5 REBAR
- UTILITY POLE GUY WIRE

GRAPHIC SCALE

7.5 0 7.5 15 30

(IN FEET)
1 INCH = 15 FEET

750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

verticalbridge

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CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-5923

REVIEW COPY

SITE NAME: KEWANEE

LOCATION CODE: US-MS-5371

SITE ADDRESS: KEWANEE RD
TOOMSUBA, MS, 39364

AREA: LEASE AREA = 6400 SF

PROPERTY OWNER:
SAM MEYER FELTENSTEIN II TRUSTEE
38 KEWANEE RD SOUTH
TOOMSUBA, MS 39364

TAX MAP #: PARCEL NUMBER: 1-58270000000001900

SOURCE OF TITLE: DEED BOOK - PAGE -

LATITUDE: N 32° 25' 3.58" LONGITUDE: W 88° 26' 31.77"

REVISIONS

NO.	BY	DESCRIPTION	DATE	CHK
A	JTL	PRELIMS	10/28/25	JTL

TITLE: GUY ANCHOR DETAILED PLAN

SHEET: C-3B

RAWLAND 05-01-2025

GENERAL NOTES: EROSION CONTROL

1. SILT CONTROL MEASURES SHALL BE MAINTAINED IN GOOD OPERATING CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
2. CONSTRUCTION ACCESS SHALL BE CONTROLLED AT GRAVELED DRIVES TO PREVENT CONSTRUCTION VEHICLES FROM TRACKING MUD ONTO ADJACENT ROADWAYS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ENTRANCES FREE FROM MUD, DIRT, DEBRIS, ETC.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACEMENT OF SOIL EROSION CONTROL MEASURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE DEVICES DURING THE GRADING AND CONSTRUCTION PERIOD AND UNTIL SUCH TIME AS THE VEGETATIVE COVER HAS BECOME ESTABLISHED.
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES AS REQUIRED BY THE OWNER'S ENGINEER TO PROTECT EXISTING PLANT MATERIAL UNLESS OTHERWISE DESIGNED FOR REMOVAL.
5. TOPSOIL SHALL BE STRIPPED, STORED AND ADEQUATELY PROTECTED FROM EROSION ON SITE BEFORE USE FOR FINAL GRADING.
6. ADJUSTMENTS AND/OR ADDITIONS TO THE PLACEMENT OF EROSION CONTROL MEASURES MAY BE NECESSARY IN THE FIELD. THIS SHALL BE DONE BY THE CONTRACTOR AT THE DIRECTION OF THE OWNER OR THE OWNER'S ENGINEER.
7. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF–PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.
8. SILT CONTROLS SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND SHALL BE ADEQUATE TO MAINTAIN SEDIMENT ON SITE. ANY MODIFICATIONS TO SILT CONTROLS SHOWN ON THE APPROVED PLANS AS A RESULT OF ACTUAL FIELD CONDITIONS OR CONSTRUCTION PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES PER THE E.P.A.'S 1992 "STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES" MANUAL.
9. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN CLEARING.
10. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
11. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF–SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.

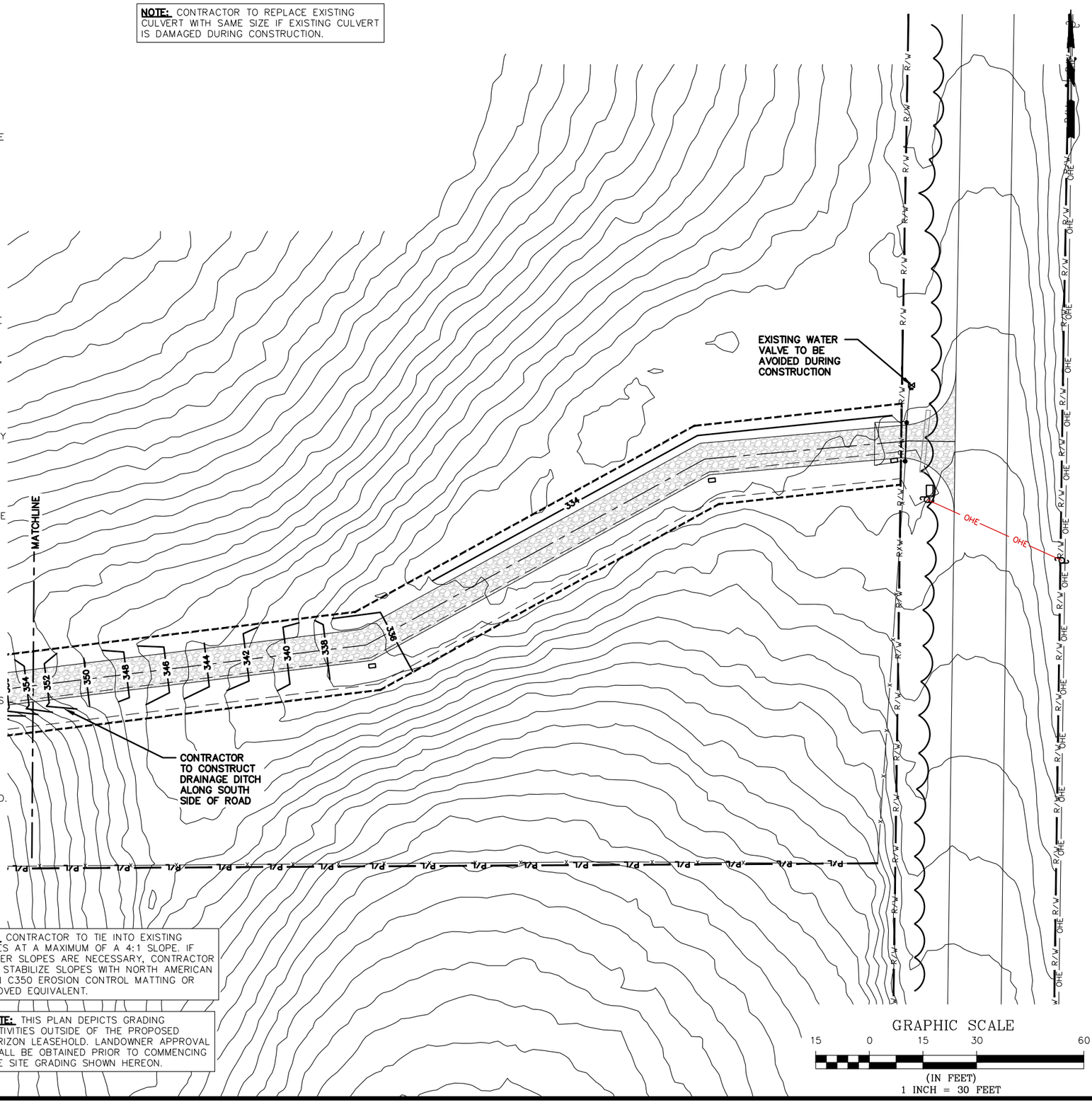
GENERAL NOTES: EXCAVATION AND GRADING

1. 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.
2. ANY EXCAVATION OVER THE REQUIRED DEPTH SHALL BE FILLED WITH EITHER MECHANICALLY COMPACTED GRANULAR MATERIAL OR 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.
3. AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE AND BEFORE BACKFILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS AND SO FORTH.
4. BACKFILLING SHALL:
   - BE APPROVED MATERIALS CONSISTING OF EARTH, LOAM, SANDY CLAY, SAND AND GRAVEL, OR SOFT SHALE;
   - BE FREE FROM CLODS OR STONES OVER 2 1/2" MAXIMUM DIMENSION;
   - BE PLACED IN 6" LAYERS AND COMPACTED TO 95% STANDARD PROCTOR EXCEPT IN GRASSED/LANDSCAPED AREAS, WHERE 90% STANDARD PROCTOR IS ACCEPTABLE. CONTRACTOR SHALL PROVIDE A 3RD PARTY COMPACTION TEST TO VERIFY COMPACTION.
5. PROTECT GRAVEL SURFACING AND SUB–GRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING OR OTHER SUITABLE MATERIALS DESIGNED TO SPREAD EQUIPMENT LOADS. REPAIR DAMAGE TO GRAVEL SURFACING OR SUB–GRADE 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.
6. ALL CUT AND FILL SLOPES SHALL BE 2.5:1 MAXIMUM, UNLESS OTHERWISE NOTED.
7. ENSURE POSITIVE DRAINAGE FROM SITE AT ALL TIMES. AVOID TRAPPING WATER.

SWPPP LEGEND

- PROPOSED LIMITS OF DISTURBANCE
- RSF — RSF — PROPOSED SILT FENCE
- PROPOSED CHANNEL
- PROPOSED ROCK CHECK DAM
- PROPOSED ROLLED EROSION CONTROL PRODUCTS (RECP) (NA GREEN C350 OR APPROVED EQUIVALENT)
- PROPOSED OUTLET PROTECTION
- PS — DISTURBED AREA STABILIZATION WITH DISTURBED AREA STABILIZATION WITH PERMANENT SEEDING
- MU — DISTURBED AREA STABILIZATION WITH STRAW MULCHING

NOTE: CONTRACTOR TO REPLACE EXISTING CULVERT WITH SAME SIZE IF EXISTING CULVERT IS DAMAGED DURING CONSTRUCTION.



NOTE: CONTRACTOR TO TIE INTO EXISTING GRADES AT A MAXIMUM OF A 4:1 SLOPE. IF STEEPER SLOPES ARE NECESSARY, CONTRACTOR IS TO STABILIZE SLOPES WITH NORTH AMERICAN GREEN C350 EROSION CONTROL MATTING OR APPROVED EQUIVALENT.

NOTE: THIS PLAN DEPICTS GRADING ACTIVITIES OUTSIDE OF THE PROPOSED VERIZON LEASEHOLD. LANDOWNER APPROVAL SHALL BE OBTAINED PRIOR TO COMMENCING THE SITE GRADING SHOWN HEREON.

GRAPHIC SCALE
15 0 15 30 60
(IN FEET)
1 INCH = 30 FEET

verticalbridge
750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

LASHBROOK
PREPARED BY:
JEFFREY L. LASHBROOK
INDEPENDENT STRUCTURAL & CIVIL ENGINEER - SOLE PROPRIETOR
CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-3929

REVIEW COPY

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LOCATION CODE:	US-MS-5371
SITE ADDRESS:	KEWANEE RD TOOMSUBA, MS, 39364
AREA:	LEASE AREA = 6400 SF
PROPERTY OWNER:	SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364
TAX MAP #:	PARCEL NUMBER: 1-58270000000001900
SOURCE OF TITLE:	DEED BOOK – PAGE –
LATITUDE:	N 32° 25' 3.58"
LONGITUDE:	W 88° 26' 31.77"

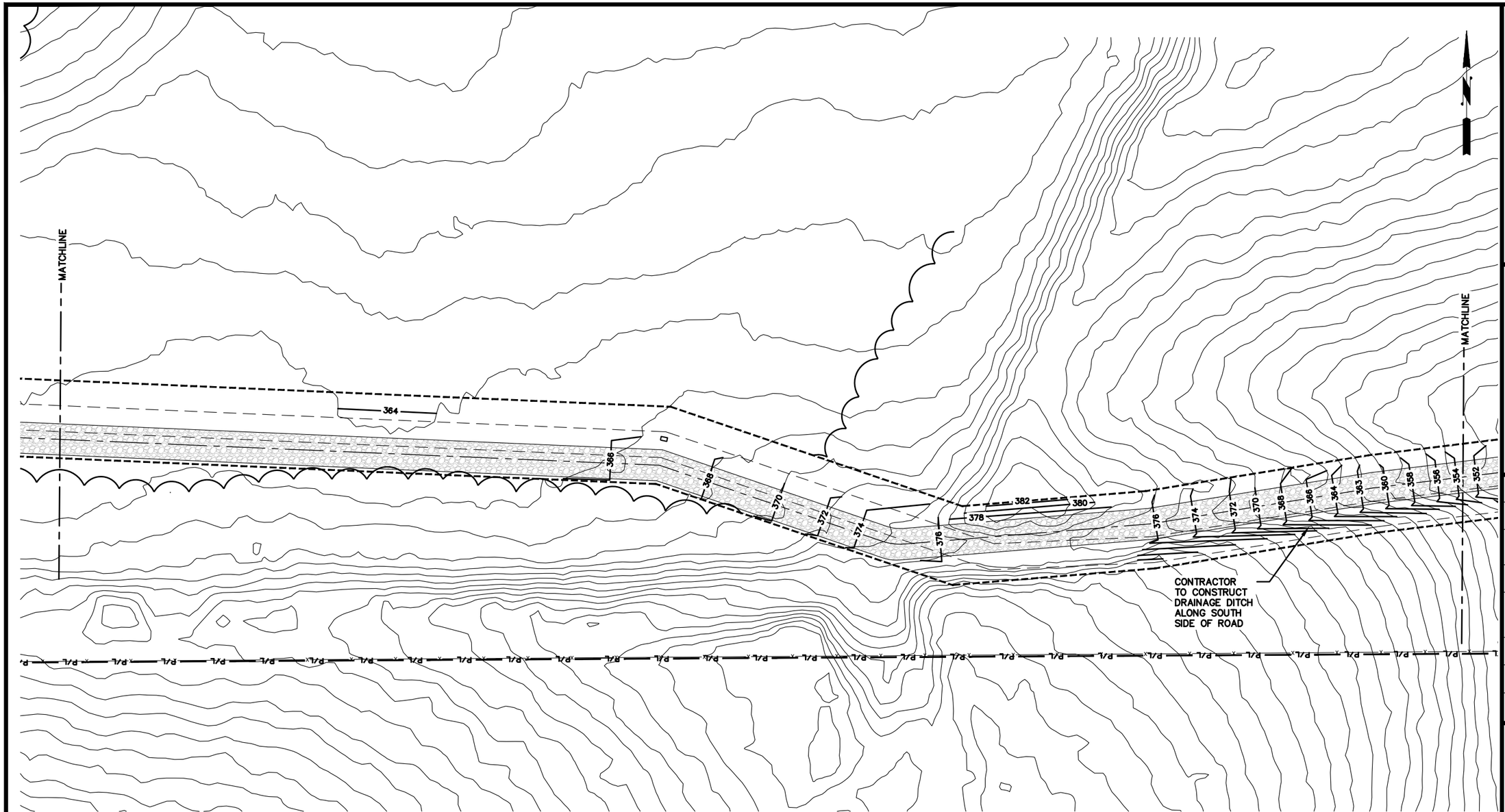
REVISIONS

NO.	BY	DESCRIPTION	DATE	CHK
A	JTL	PRELIMS	10/28/25	JTL

TITLE: GRADING AND EROSION CONTROL PLAN

SHEET: C–4

RAWLAND 05–01–2025



SWPPP LEGEND

- PROPOSED LIMITS OF DISTURBANCE
- RSF — RSF — PROPOSED SILT FENCE
- PROPOSED CHANNEL
- PROPOSED ROCK CHECK DAM
- PROPOSED ROLLED EROSION CONTROL PRODUCTS (RECP) (NA GREEN C350 OR APPROVED EQUIVALENT)
- PROPOSED OUTLET PROTECTION
- PS — DISTURBED AREA STABILIZATION WITH DISTURBED AREA STABILIZATION WITH PERMANENT SEEDING
- MU — DISTURBED AREA STABILIZATION WITH STRAW MULCHING

NOTE: CONTRACTOR TO TIE INTO EXISTING GRADES AT A MAXIMUM OF A 4:1 SLOPE. IF STEEPER SLOPES ARE NECESSARY, CONTRACTOR IS TO STABILIZE SLOPES WITH NORTH AMERICAN GREEN C350 EROSION CONTROL MATTING OR APPROVED EQUIVALENT.

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GRAPHIC SCALE

20 0 20 40 80

(IN FEET)

1 INCH = 40 FEET

verticalbridge

750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

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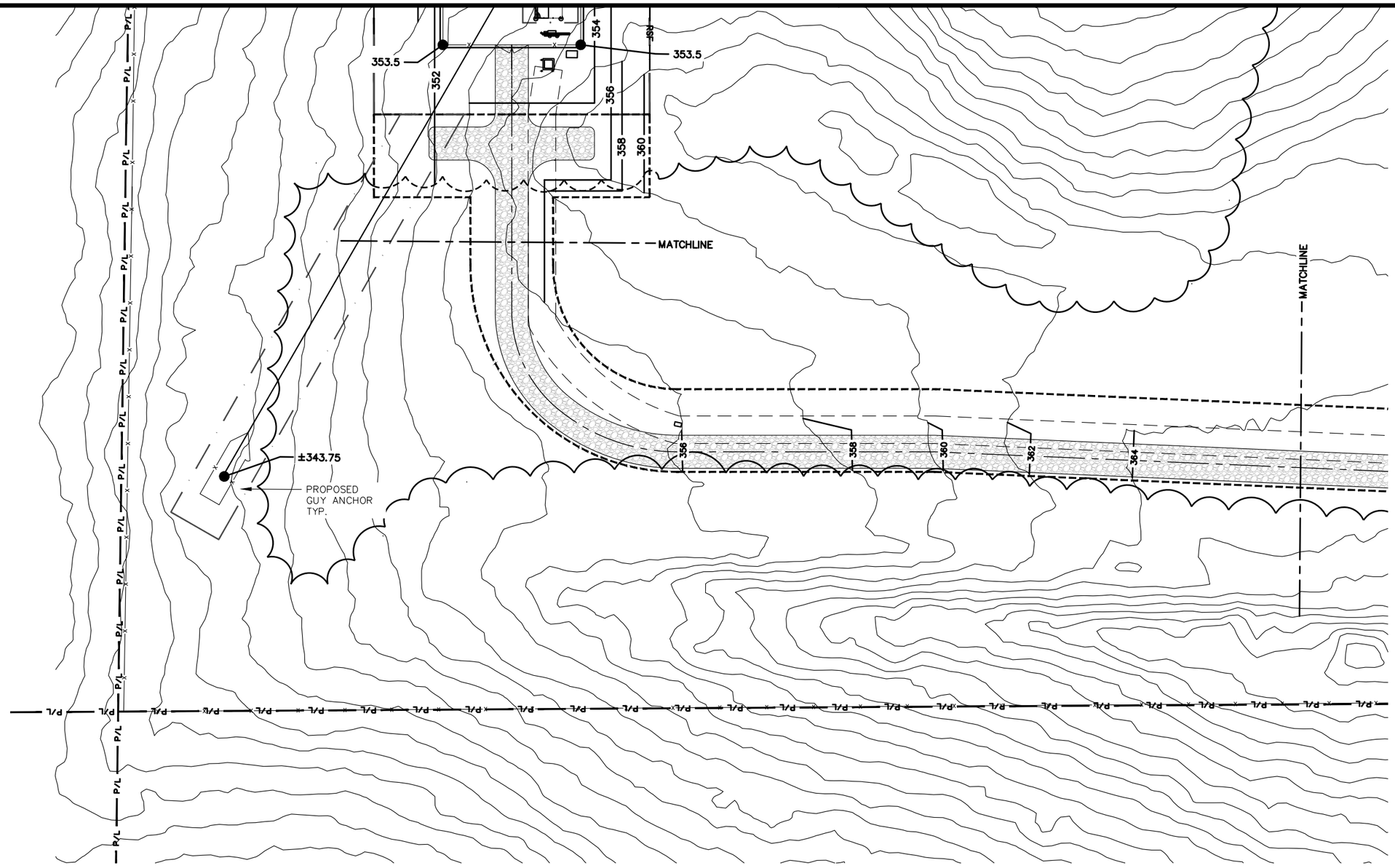
REVISIONS

NO.	DESCRIPTION	DATE	CHK
A	PRELIMS	10/28/25	JTL

TITLE: GRADING AND EROSION CONTROL PLAN

SHEET: C-4A

RAWLAND 05-01-2025



SWPPP LEGEND

- PROPOSED LIMITS OF DISTURBANCE
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NOTE: CONTRACTOR TO TIE INTO EXISTING GRADES AT A MAXIMUM OF A 4:1 SLOPE. IF STEEPER SLOPES ARE NECESSARY, CONTRACTOR IS TO STABILIZE SLOPES WITH NORTH AMERICAN GREEN C350 EROSION CONTROL MATTING OR APPROVED EQUIVALENT.

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(IN FEET)
1 INCH = 40 FEET

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REVISIONS

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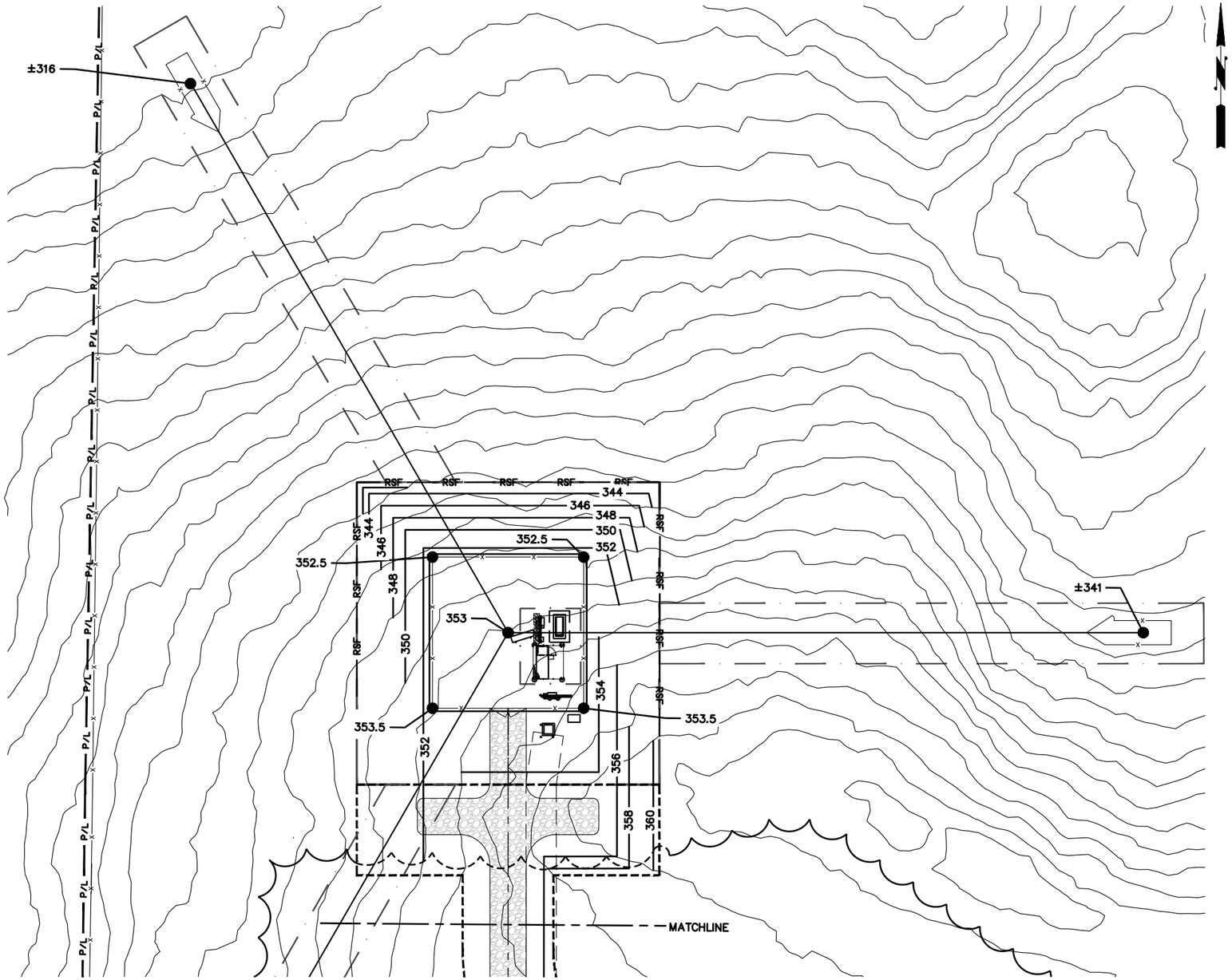
TITLE: GRADING AND EROSION CONTROL PLAN

SHEET: C-4B

RAWLAND 05-01-2025



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NOTE: CONTRACTOR TO TIE INTO EXISTING GRADES AT A MAXIMUM OF A 4:1 SLOPE. IF STEEPER SLOPES ARE NECESSARY, CONTRACTOR IS TO STABILIZE SLOPES WITH NORTH AMERICAN GREEN C350 EROSION CONTROL MATTING OR APPROVED EQUIVALENT.

NOTE: THIS PLAN DEPICTS GRADING ACTIVITIES OUTSIDE OF THE PROPOSED VERIZON LEASEHOLD. LANDOWNER APPROVAL SHALL BE OBTAINED PRIOR TO COMMENCING THE SITE GRADING SHOWN HEREON.

NOTE: CONTRACTOR TO MATCH PROPOSED CULVERT TO EXISTING ADJACENT CULVERT SIZE AND TYPE.

GRAPHIC SCALE

20 0 20 40 80

(IN FEET)
1 INCH = 40 FEET

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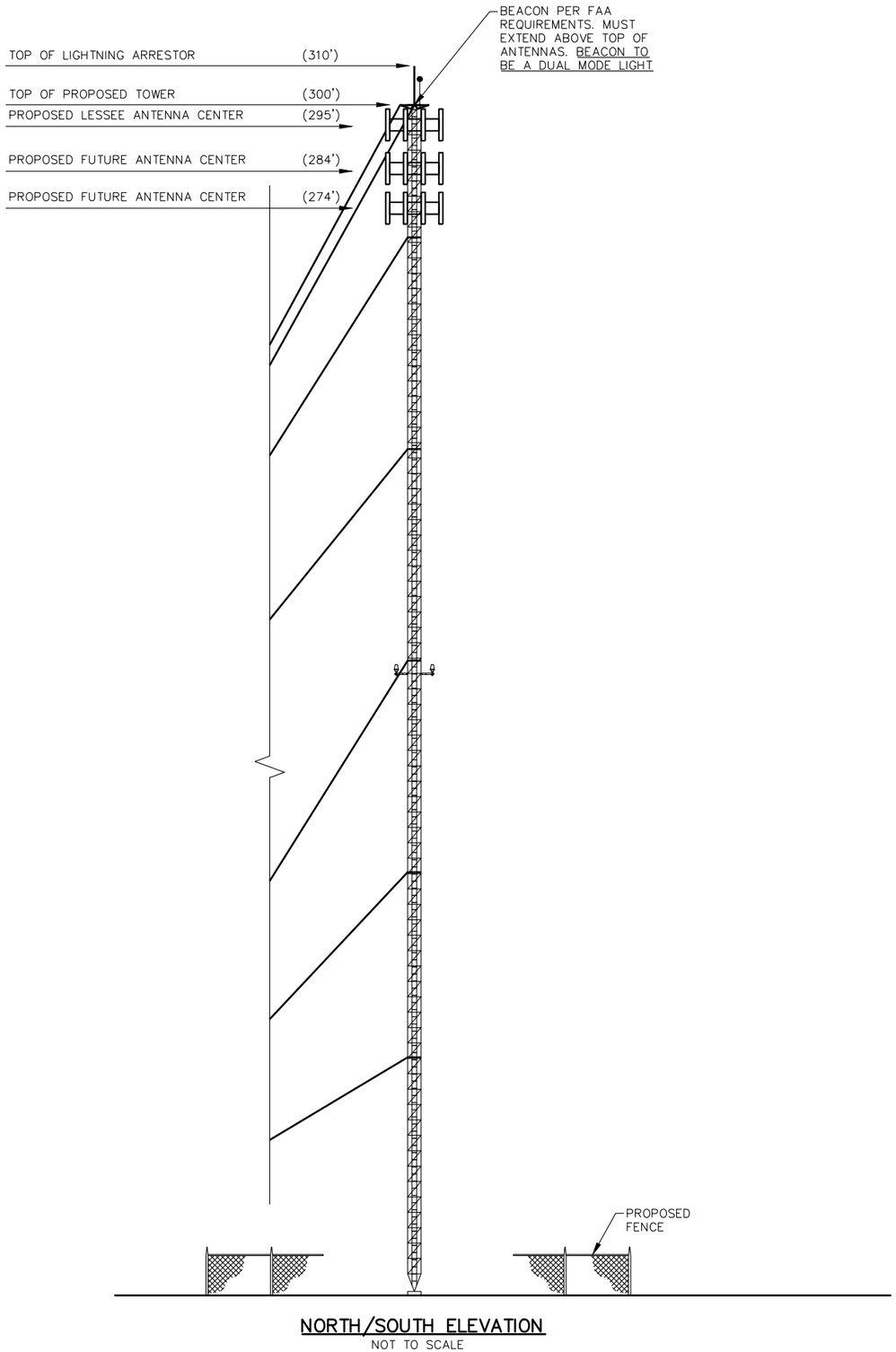
SHEET:	C-4B

RAWLAND 05-01-2025

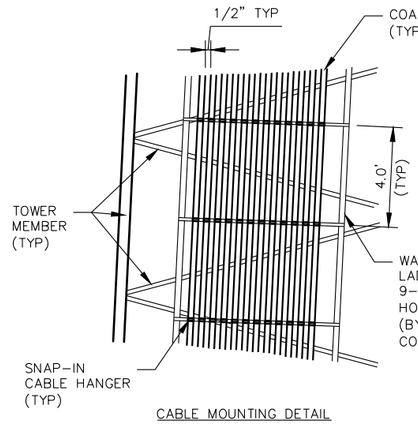


NORTH/SOUTH ELEVATION

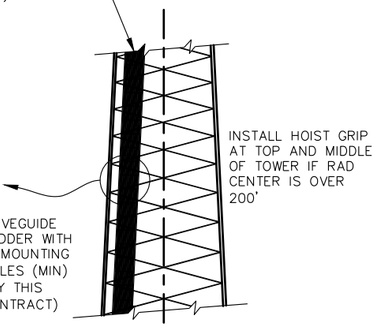
NOT TO SCALE

NOTE:
GENERAL CONTRACTOR TO REMOVE 6 INCHES FROM LIGHTNING ROD SO OVERALL TOWER HEIGHT DOES NOT EXCEED THE HEIGHT AUTHORIZED

NOTE:
THE ELEVATIONS SHOWN ON THIS SHEET ARE FOR PICTORIAL PURPOSES ONLY. REFER TO TOWER PLANS FOR TOWER DESIGN. REFER TO LATEST RF ENGINEERING DOCUMENTS FOR EQUIPMENT DETAILS.

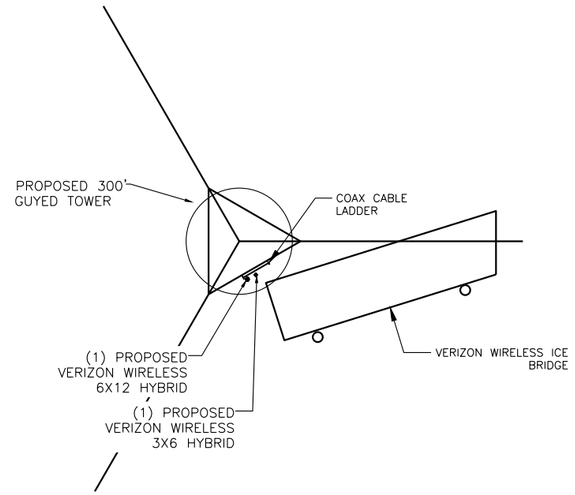


CABLE MOUNTING DETAIL



PARTIAL ELEVATION OF TOWER
(SEE SITE PLAN FOR EXACT LOCATION)

NOTE:
COAXIAL CABLE MOUNTING CONFIGURATION PER TOWER MANUFACTURER'S STRUCTURAL DESIGN SPECIFICATIONS. CABLES MAY BE REQUIRED TO BE STACKED 6-ON-6. CONSULT ORIGINAL TOWER DESIGN DOCUMENTS FOR CLARIFICATION.



PROPOSED COAX PLAN

SCALE: NTS

NOTE:
AS SOON AS TOWER STACK IS COMPLETE, GC IS TO ATTACH THE ASR# TO THE LEG OF THE TOWER. IF THE PERMANENENT SIGN IS NOT YET AVAILABLE THEN GC SHALL USE HOUSE NUMBERS (2" MIN) AND ATTACH TO LEG SHOWN ON SHEET C-3. LETTERS MUST BE SEEN AND READABLE FROM FRONT GATE.

verticalbridge
750 PARK OF COMMERCE DRIVE
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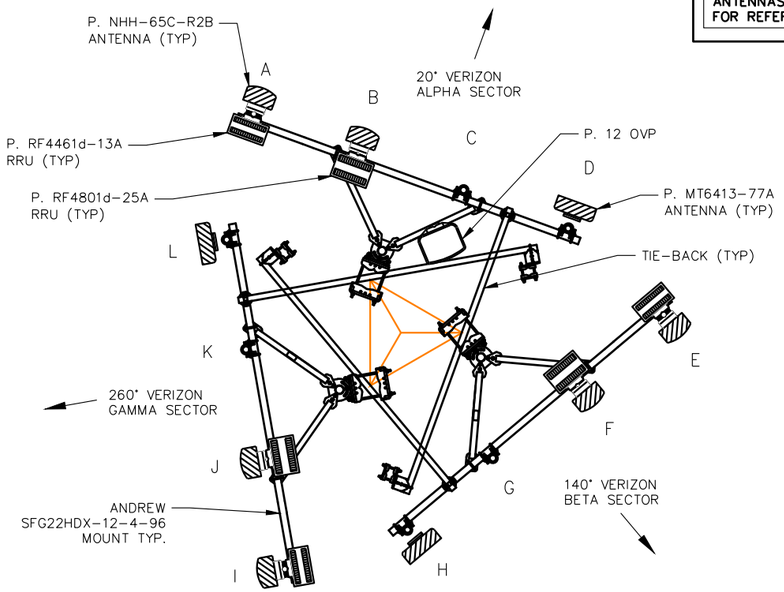
REVISIONS

NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

TITLE: TOWER ELEVATIONS

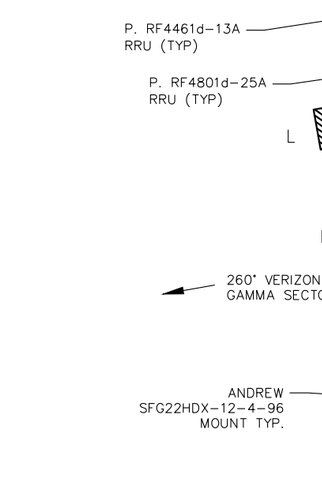
SHEET: C-5

RAWLAND 05-01-2025



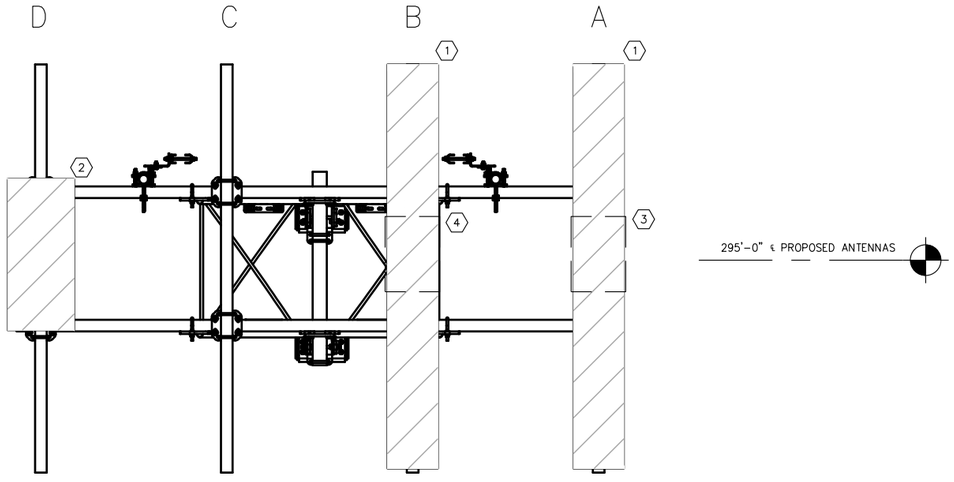
NOTE:
CONTRACTOR SHALL CONTACT VERIZON RF ENGINEER FOR ALL ANTENNA INFORMATION. ANTENNAS AND AZIMUTHS SHOWN FOR REFERENCE ONLY.

ANTENNA ORIENTATION
NTS

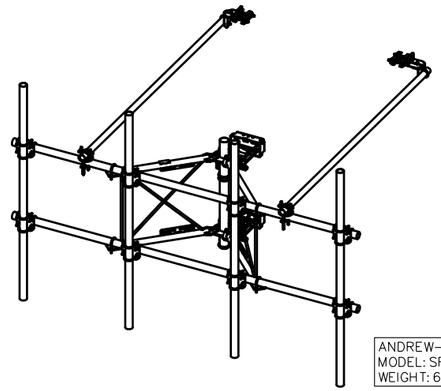


ANTENNA ASSEMBLY
NTS

GPS MOUNT
NTS

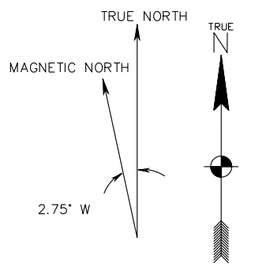


PROPOSED EQUIP. ELEVATION
SCALE: NTS



ANDREW-AMPHENOL
MODEL: SFG22HDX-12-4-96
WEIGHT: 675.76 LBS

PROPOSED MOUNT ISO
SCALE: NTS



MAGNETIC DECLINATION =
2.75° ± 0.35° CHANGING BY
0.07° W PER YEAR

ANTENNA PLAN LEGEND					
SECTOR	ANTENNA POSITION	ANTENNA MODEL	EQUIPMENT MODEL	AZIMUTH	ANTENNA RAD CENTER
ALPHA	A	NHH-65C-R2B (1)	RF4801d-25A (3)	20°	295'
ALPHA	B	NHH-65C-R2B (1)	RF4461d-13A (4)	20°	295'
ALPHA	C	–	–	–	–
ALPHA	D	MT6413-77A (2)	–	20°	295'
BETA	E	NHH-65C-R2B (1)	RF4801d-25A (3)	140°	295'
BETA	F	NHH-65C-R2B (1)	RF4461d-13A (4)	140°	295'
BETA	G	–	–	–	–
BETA	H	MT6413-77A (2)	–	140°	295'
GAMMA	I	NHH-65C-R2B (1)	RF4801d-25A (3)	260°	295'
GAMMA	J	NHH-65C-R2B (1)	RF4461d-13A (4)	260°	295'
GAMMA	K	–	–	–	–
GAMMA	L	MT6413-77A (2)	–	260°	295'
ALPHA	–	12 OVP			
–	–	–			
–	–	–			

NOTE: ANTENNA INSTALLER SHALL UTILIZE VERIZON WIRELESS RFDS FOR FINAL CONFIGURATION. SEE VERIZON WIRELESS CONSTRUCTION MANAGER.

(X) SEE PROPOSED EQUIP. MOUNTING CONFIG. THIS SHEET FOR CORRESPONDING ELEVATION VIEW.

verticalbridge
750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

LASHBROOK
PREPARED BY:
JEFFREY L. LASHBROOK
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CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-5923

REVIEW COPY

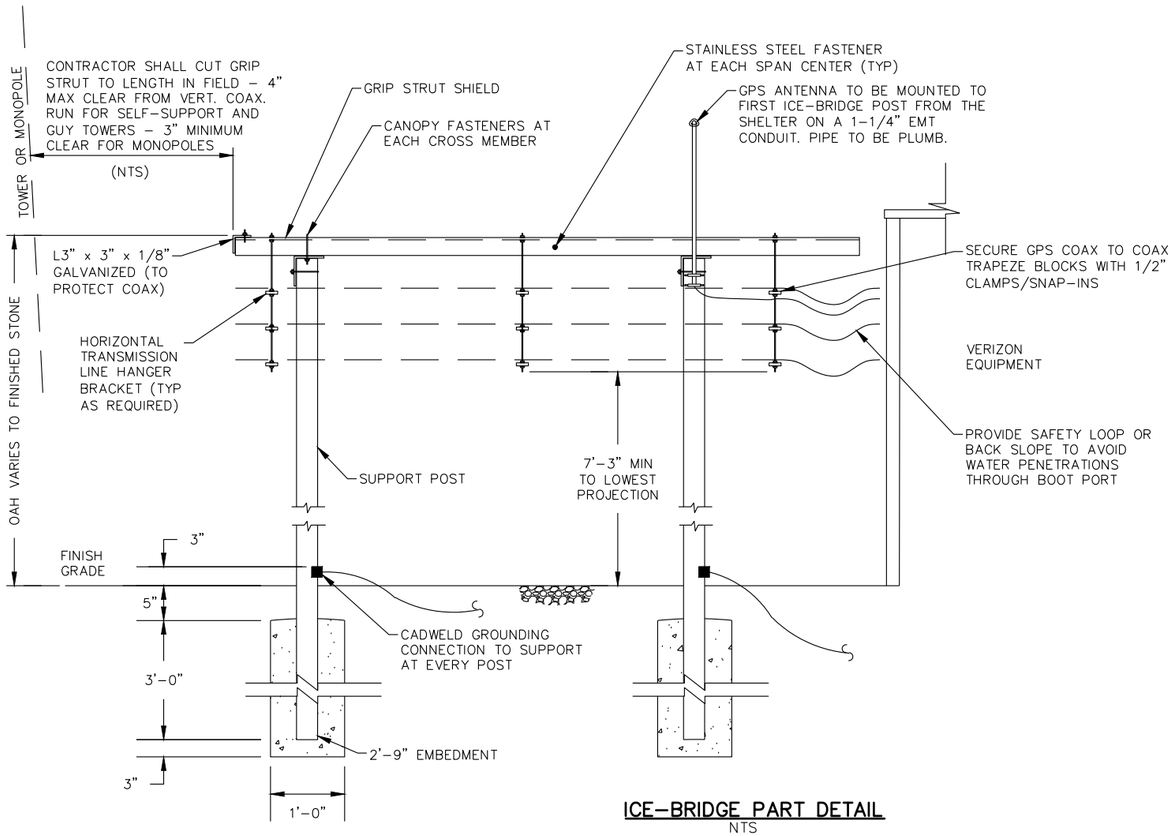
SITE NAME:	KEWANEE
LOCATION CODE:	US-MS-5371
SITE ADDRESS:	KEWANEE RD TOOMSUBA, MS, 39364
AREA:	LEASE AREA = 6400 SF
PROPERTY OWNER:	SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364
TAX MAP #:	PARCEL NUMBER: 1-58270000000001900
SOURCE OF TITLE:	DEED BOOK - PAGE -
LATITUDE: 32° 25' 3.58"	LONGITUDE: W 88° 26' 31.77"

REVISIONS			
NO.	BY	DESCRIPTION	DATE	CHK
A	JTL	PRELIMS	10/28/25	JTL

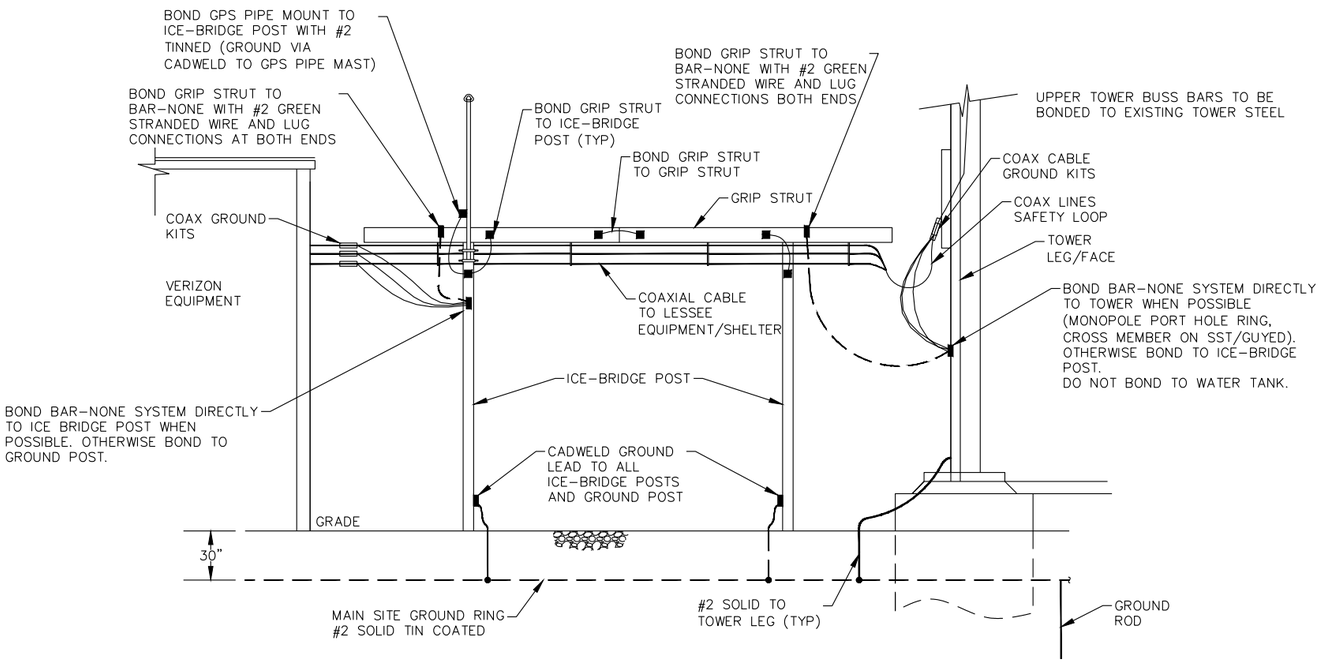
TITLE: ANTENNA AND COAX DETAILS

SHEET: C-6

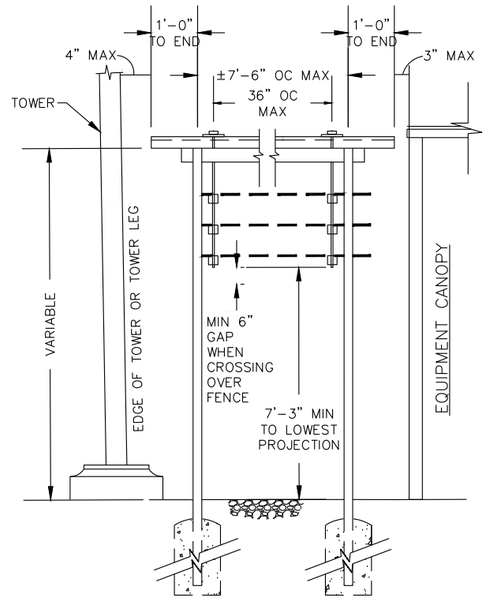
WTNNMS RAWLAND 08-12-2022



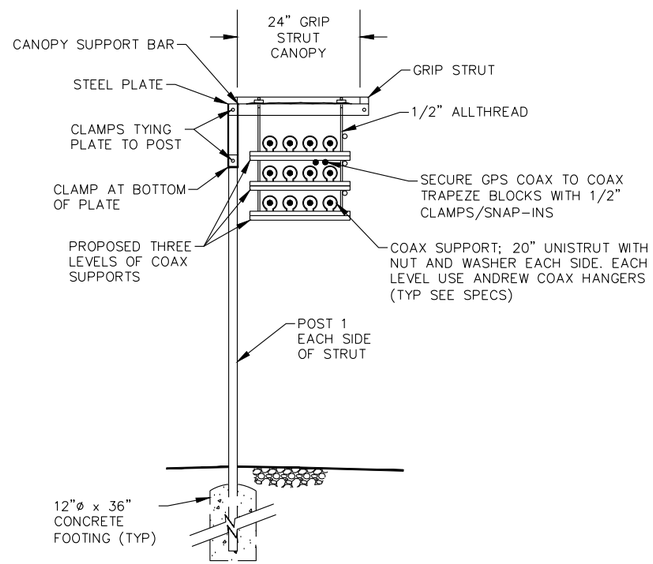
ICE-BRIDGE PART DETAIL
NTS



ICE-BRIDGE GROUNDING DETAIL
NTS



WAVE GUIDE BRIDGE DETAIL
(SIDE ELEVATION)
NTS



WAVE GUIDE BRIDGE DETAIL
(FRONT ELEVATION)
NTS

750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

verticalbridge

LASHBROOK

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PHONE: (270) 314-3929

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A	JTL	PRELIMS	10/28/25	JTL

TITLE: ICE-BRIDGE DETAILS

SHEET: C-7

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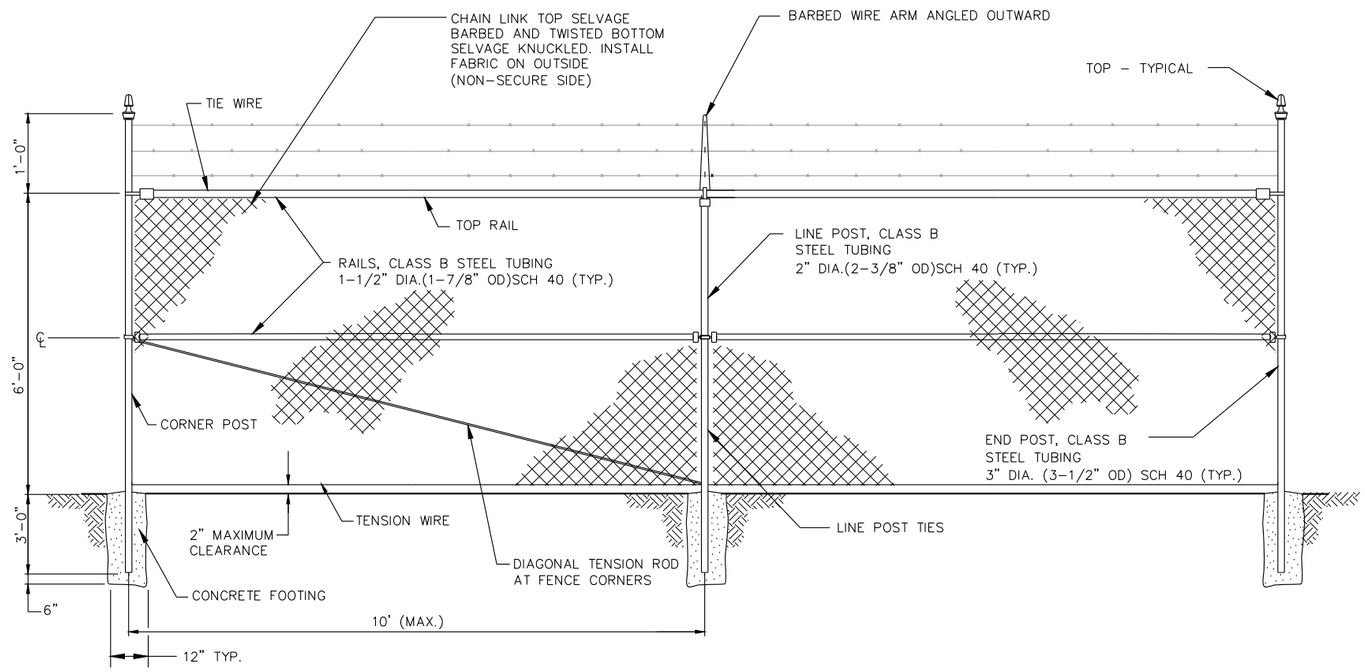


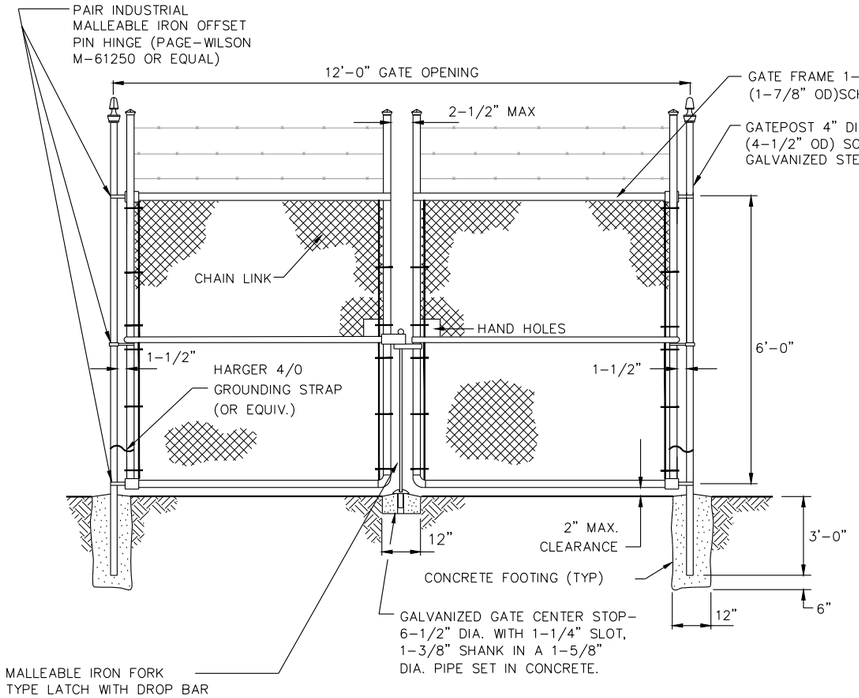
CHAIN LINK FENCE DETAIL (ELEVATION)

NTS

TYPICAL WOVEN WIRE FENCING NOTES

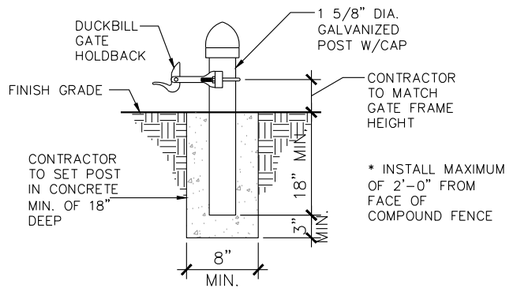
(INSTALL FENCING PER ASTM F-567, SWING GATES PER ASTM F-900)

1. GATE POST (4"ø), CORNER, TERMINAL OR PULL POST (3"ø) SCHEDULE 40 FOR GATE WIDTHS UP THRU 6 FEET OR 12 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
2. LINE POST: 2"ø (2-3/8" OD) SCHEDULE 40 PIPE PER ASTM-F1083.
3. GATE FRAME: 1-1/2"ø (1-7/8" OD) SCHEDULE 40 PIPE PER ASTM-F1083.
4. TOP RAIL & BRACE RAIL: 1-1/2"ø (1-7/8" OD) SCHEDULE 40 PIPE PER ASTM-F1083.
5. FABRIC: 9 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392
6. 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.
7. TENSION WIRE: 7 GA. GALVANIZED STEEL
8. BARBED WIRE: DOUBLE STRAND 12-1/2" O.D. TWISTED WIRE TO MATCH W/ FABRIC, 14 GA., 4 PT. BARBS SPACED ON APPROXIMATELY 4" CENTERS.
9. GATE LATCH:
10. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED WITH IF REQUIRED.
11. HEIGHT = 6' VERTICAL + 1' BARBED WIRE VERTICAL DIMENSION.
12. PROVIDE MASTER LOCK FOR GATE AND SET COMBINATION TO 4123 FOR TN SITES, AND 3836 FOR MS SITES.
13. INSTALL GATE STOPS (DUCKHEADS) TO EACH SIDE OF ACCESS DRIVE.
14. CUT HAND HOLES IN GATE FABRIC BY LATCH FOR CHAIN AND LOCKS.
15. FURNISH A MINIMUM 36" LENGTH OF 1/2" GALV CHAIN FOR GATE.



12' WIDE DOUBLE SWING GATE

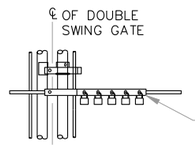
NTS



GATE KEEPER DETAIL

NTS

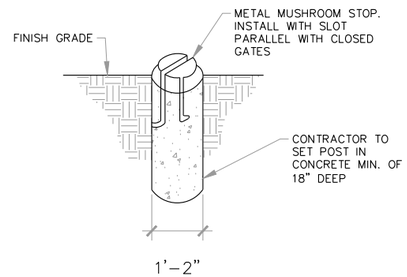
POWER COMPANY TO PLACE THEIR OWN LOCK ON STYMIE



NOTE:
ALTERNATE FENCE STOPS ARE ACCEPTABLE, TO BE APPROVED BY TOWER OWNER CONSTRUCTION MANAGER.

GATE LATCH DETAIL

NTS



MUSHROOM STOP DETAIL

NTS

verticalbridge
750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

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PHONE: (270) 314-3929

REVIEW COPY

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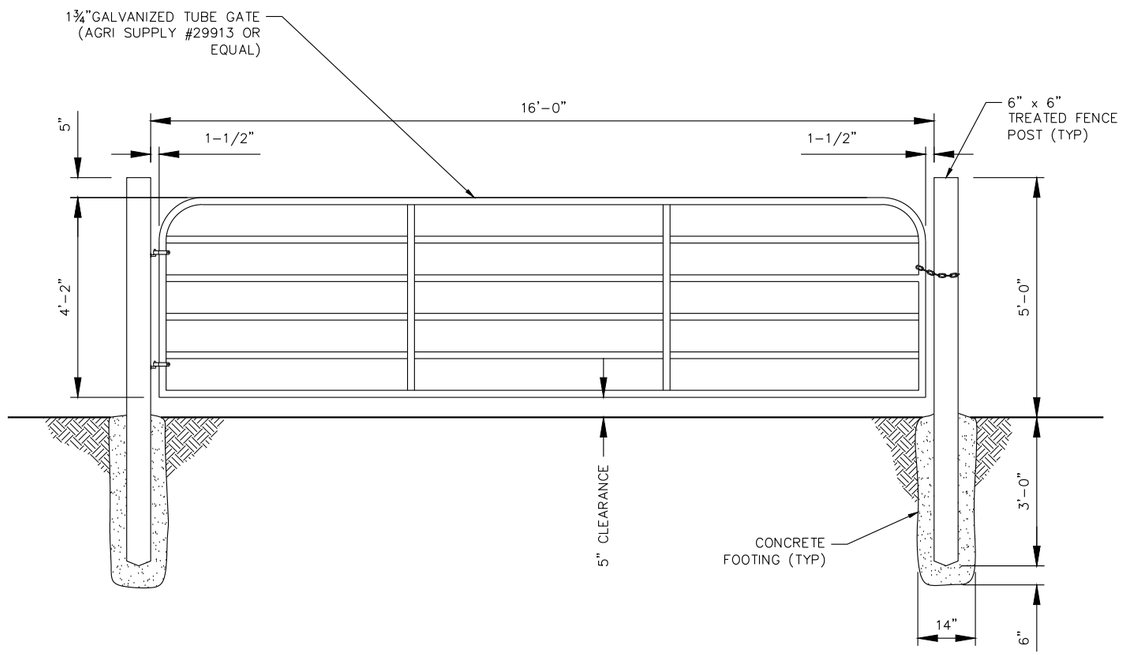
TITLE: FENCE DETAILS

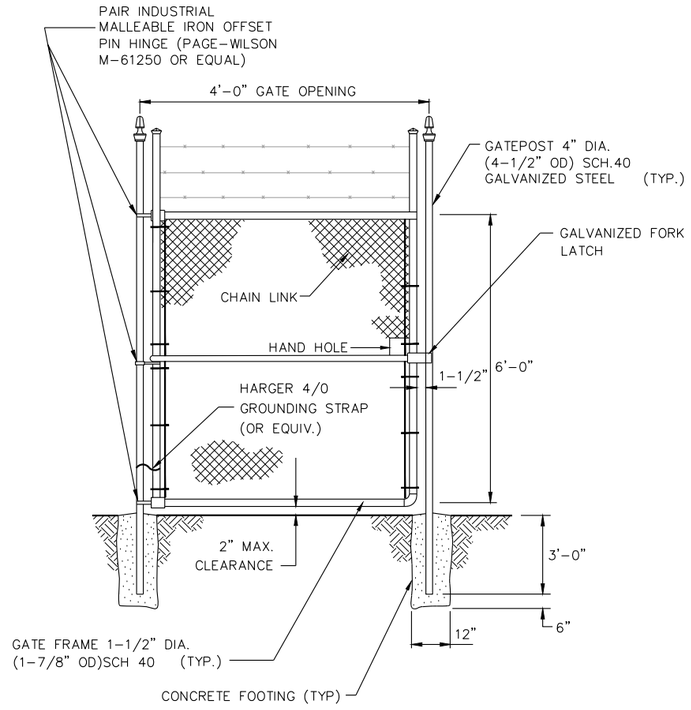
SHEET: C-8

RAWLAND 05-01-2025



16' WIDE CATTLE GATE

NTS



4' WIDE MAN GATE

NTS

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750 PARK OF
COMMERCE DRIVE
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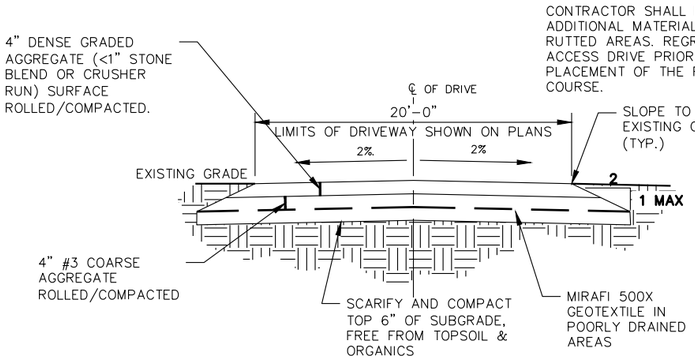
TITLE: FENCE DETAILS

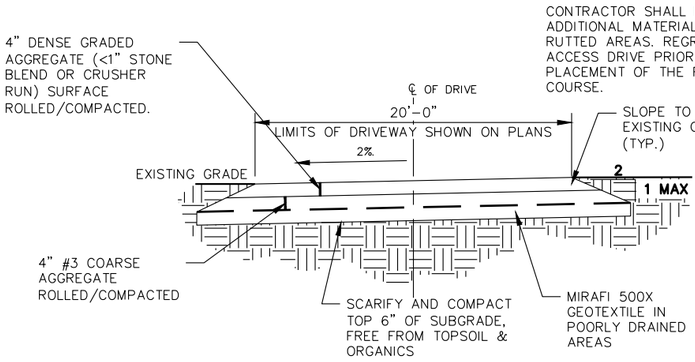
SHEET: C-8A

RAWLAND 05-01-2025



DRIVEWAY SECTION – FLATLAND

NTS



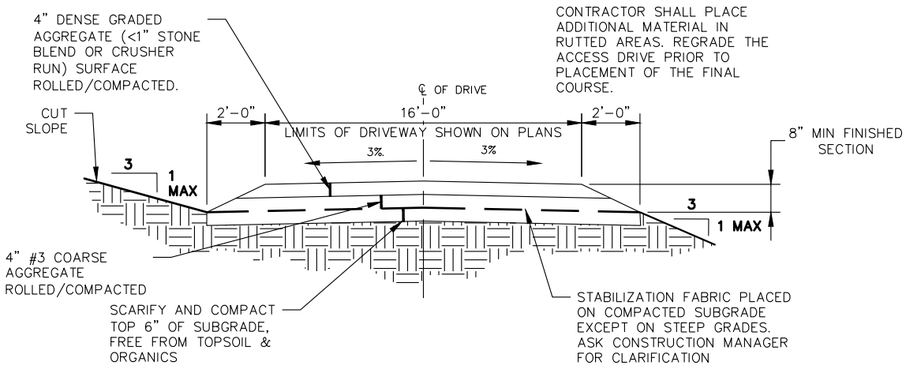
DRIVEWAY SECTION – SLOPED

NTS

GENERAL DRIVEWAY NOTES:

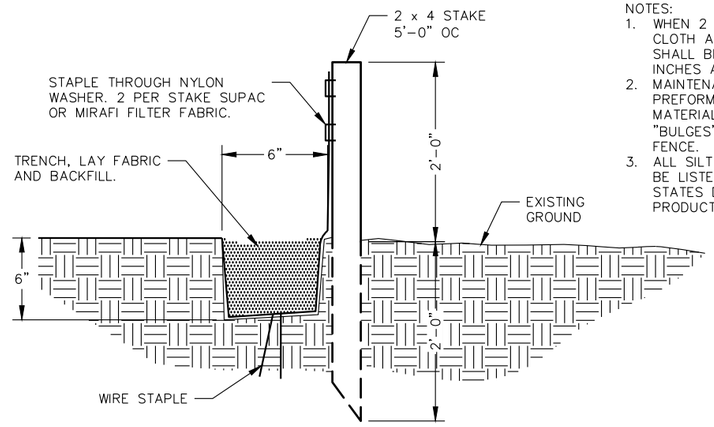
DENSE GRADED AGGREGATE SHALL BE COMPACTED TO A MIN OF 84% SOLID. MINIMUM DRY DENSITY FOR COMPACTED LIMESTONE DGA SHALL BE 139 PCF WHEN S.G. OF LIMESTONE IS 2.65

DRIVEWAY MUST SUPPORT EMERGENCY VEHICLE REQUIREMENTS OF 75,000 LBS. FINAL DRIVE MUSTY PASS A PROOF ROLL TEST WITH CITY INSPECTION. CONTRACTOR TO COORDINATE.



DRIVEWAY SECTION – CROWNED OR CROSS SLOPED

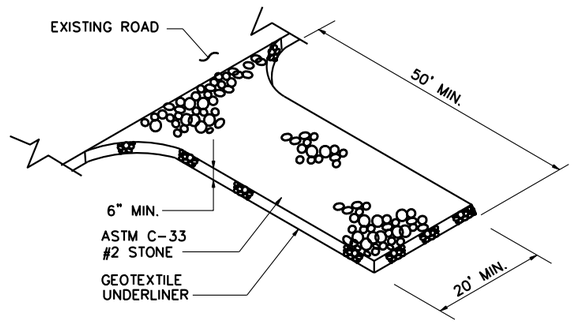
NTS



NOTES:
1. WHEN 2 SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6 INCHES AND FOLDED.
2. MAINTENANCE SHALL BE PREFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
3. ALL SILT FENCE MATERIALS MUST BE LISTED ON THE CURRENT STATES D.O.T. QUALIFIED PRODUCTS LIST.

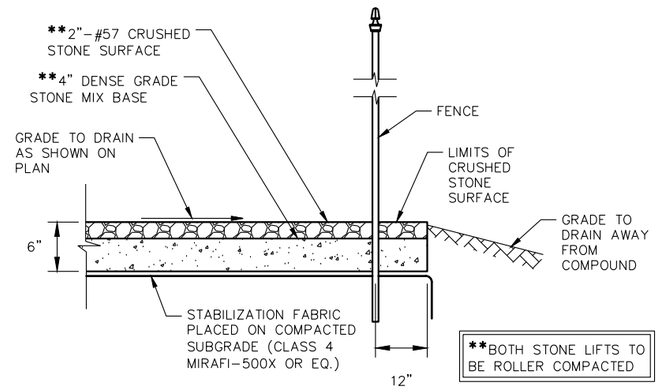
SILT FENCE DETAIL

NTS



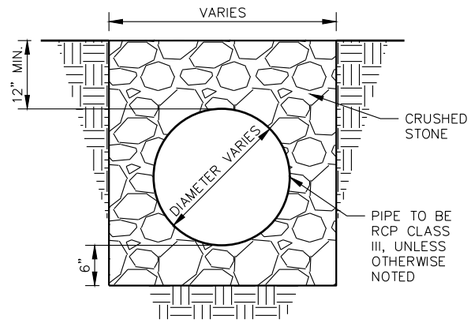
CONSTRUCTION EXIT DETAIL

NOT TO SCALE



SITE AREA SURFACING

NTS



CULVERT CROSS SECTION & CRUSHED STONE ENCASEMENT DETAIL

NTS

NOTES:

1. ENCASEMENT USED WITH 18" OF COVER OR LESS

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BY	JTL		

TITLE: CIVIL DETAILS

SHEET: C-9

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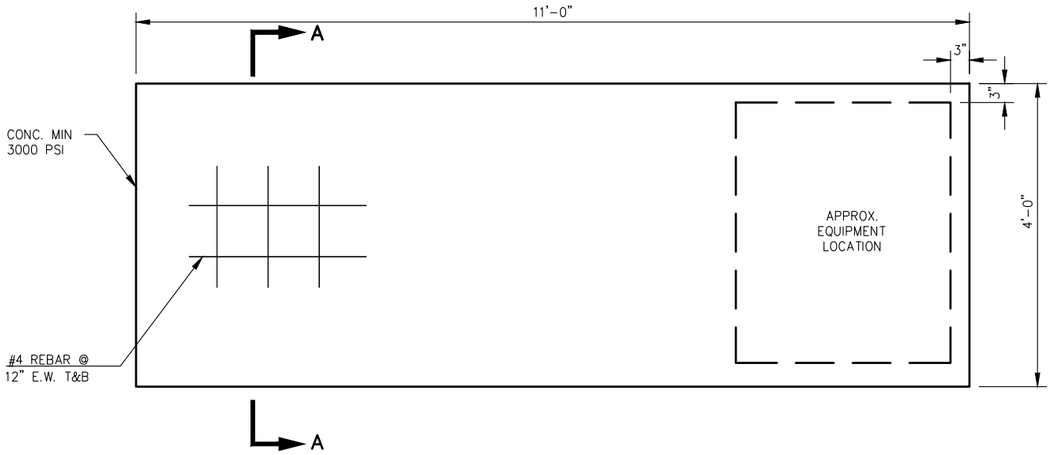
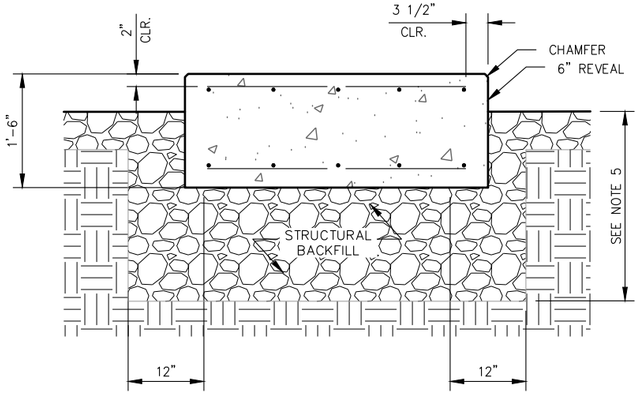


CABINET PAD PLAN
NTS

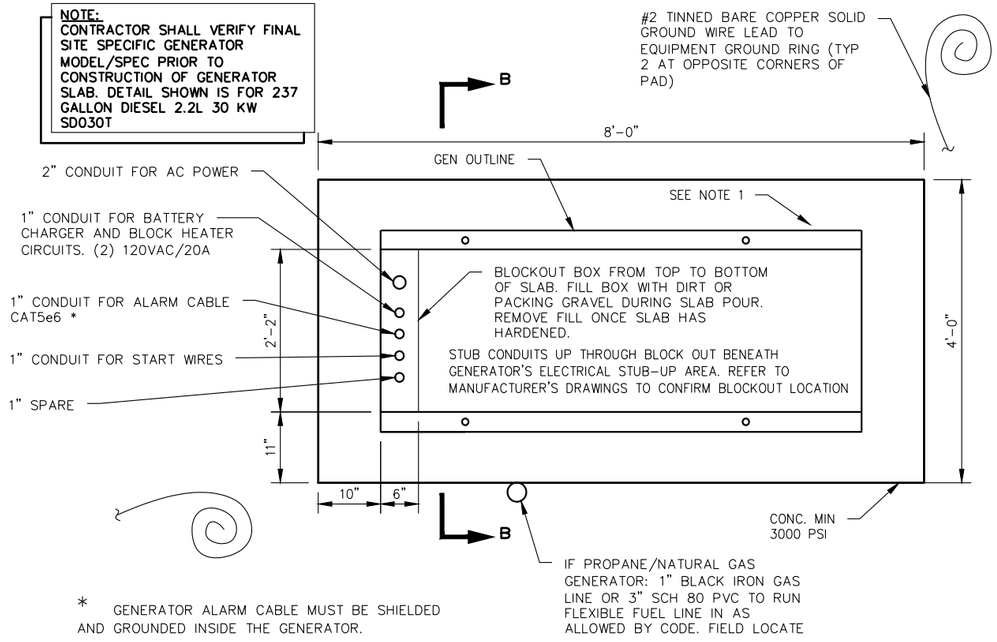


SECTION A – A

SINGLE EQUIPMENT CABINET FOUNDATION
NTS

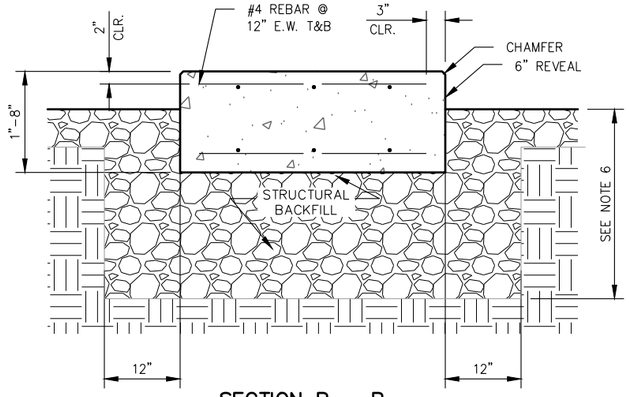
NOTES:
1. SLAB TOLERANCE INCLUDING LEVEL IS 1/4".
2. ADDTIONAL ENGINEERING IS REQUIRED IF THE FOUNDATION IS PLACED ON SOIL WITH A BEARING CAPACITY OF LESS THAN 2000 PSF.
3. ALL REBAR SHALL BE A GRADE 60 MINIMUM.
4. OVERLAP SPLICES ARE ALLOWED FOR REINFORCING BARS. USE 24" MINIMUM LAP.
5. 30" MINIMUM, BUT MAY VARY AS REQUIRED PER LOCAL CODE, FROST LINE AND/OR SOIL BEARING CAPACITY.
6. FOUNDATION DESIGNS PROVIDED BY OTHERS. THIS SCOPE OF WORK HAS NOT INCLUDED AN ANALYSIS OF THESE FOUNDATIONS AND I ACCEPT NO LIABILITY FOR USE. ALL LIABILITY FOR USE OF THESE FOUNDATIONS IS ASSUMED BY VERIZON.

NOTE:
CONTRACTOR SHALL VERIFY FINAL SITE SPECIFIC GENERATOR MODEL/SPEC PRIOR TO CONSTRUCTION OF GENERATOR SLAB. DETAIL SHOWN IS FOR 237 GALLON DIESEL 2.2L 30 KW SD030T



* GENERATOR ALARM CABLE MUST BE SHIELDED AND GROUNDED INSIDE THE GENERATOR.

GENERATOR PAD PLAN (30–50KW)
NTS



SECTION B – B

GENERATOR FOUNDATION
NTS

NOTES:
1. FIELD LOCATE (4) 3/4" DIA. HILTI HVA ADHESIVE ANCHORS WITH 6-5/8" EMBEDMENT INSTALLED PER MANUFACTURER'S RECOMMENDATION.
2. SLAB TOLERANCE INCLUDING LEVEL IS 1/4".
3. ADDITIONAL ENGINEERING IS REQUIRED IF THE GENERATOR FOUNDATION IS PLACED ON SOIL WITH A BEARING CAPACITY OF LESS THAN 2000 PSF.
4. ALL REBAR SHALL BE GRADE 60 MINIMUM.
5. OVERLAP SPLICES ARE ALLOWED FOR REINFORCING BARS. USE 24" MINIMUM LAP.
6. 30" MINIMUM, BUT MAY VARY AS REQUIRED PER LOCAL CODE, FROST LINE AND/OR SOIL BEARING CAPACITY.
7. ORIENT GENERATOR WITH EXHAUST AWAY FROM AIR CONDITIONING UNITS.
8. FOUNDATION DESIGNS PROVIDED BY OTHERS. THIS SCOPE OF WORK HAS NOT INCLUDED AN ANALYSIS OF THESE FOUNDATIONS AND I ACCEPT NO LIABILITY FOR USE. ALL LIABILITY FOR USE OF THESE FOUNDATIONS IS ASSUMED BY VERIZON.

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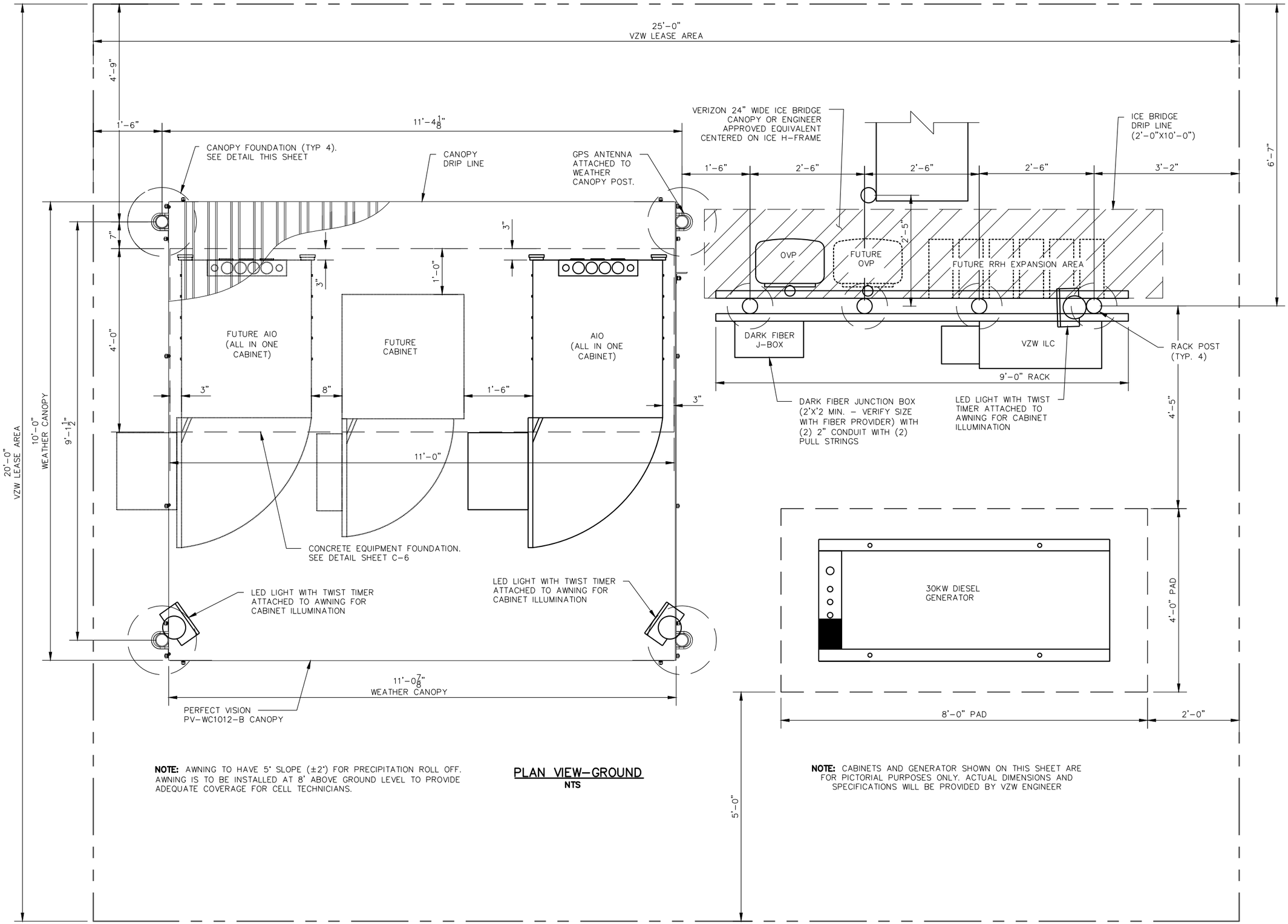
TITLE: FOUNDATION DETAILS

SHEET: C-10

RAWLAND 05-01-2025



NOTE: AWNING TO HAVE 5° SLOPE (±2°) FOR PRECIPITATION ROLL OFF. AWNING IS TO BE INSTALLED AT 8' ABOVE GROUND LEVEL TO PROVIDE ADEQUATE COVERAGE FOR CELL TECHNICIANS.

PLAN VIEW-GROUND
NTS

NOTE: CABINETS AND GENERATOR SHOWN ON THIS SHEET ARE FOR PICTORIAL PURPOSES ONLY. ACTUAL DIMENSIONS AND SPECIFICATIONS WILL BE PROVIDED BY VZW ENGINEER

verticalbridge
750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

LASHBROOK
PREPARED BY:
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CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-5929

REVIEW COPY

SITE NAME:	KEWANEE
LOCATION CODE:	US-MS-5371
SITE ADDRESS:	KEWANEE RD TOOMSUBA, MS, 39364
AREA:	LEASE AREA = 6400 SF
PROPERTY OWNER:	SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364
TAX MAP #:	PARCEL NUMBER: 1-58270000000001900
SOURCE OF TITLE:	DEED BOOK - PAGE -
LATITUDE:	32° 25' 3.58"
LONGITUDE:	W 88° 26' 31.77"

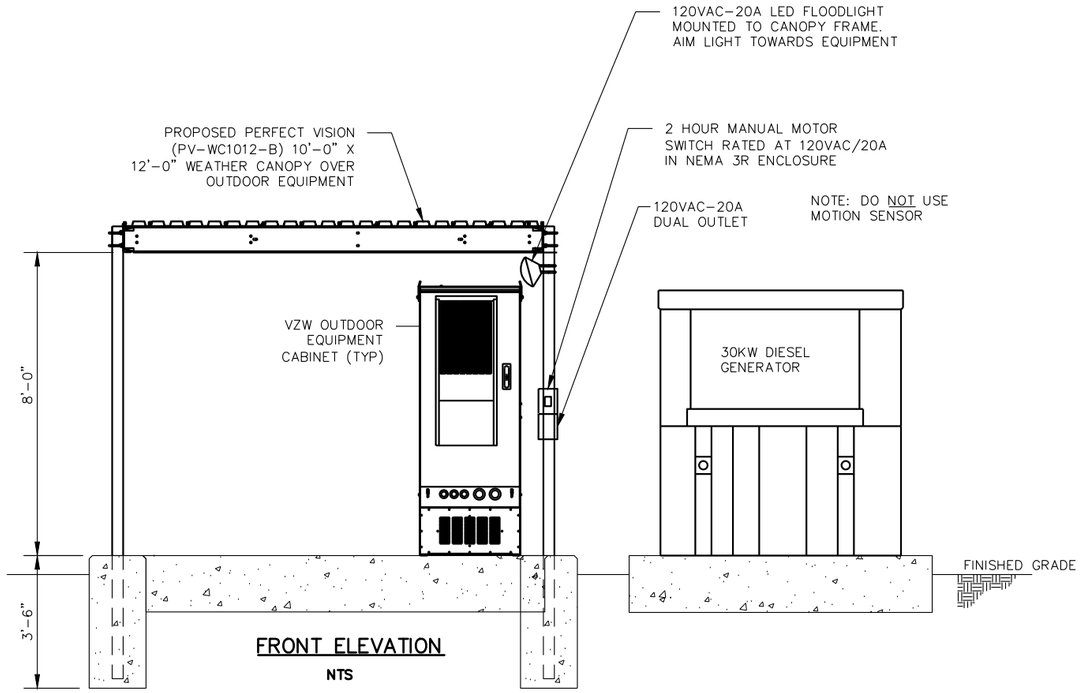
REVISIONS

NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

TITLE: EQUIPMENT DETAILS

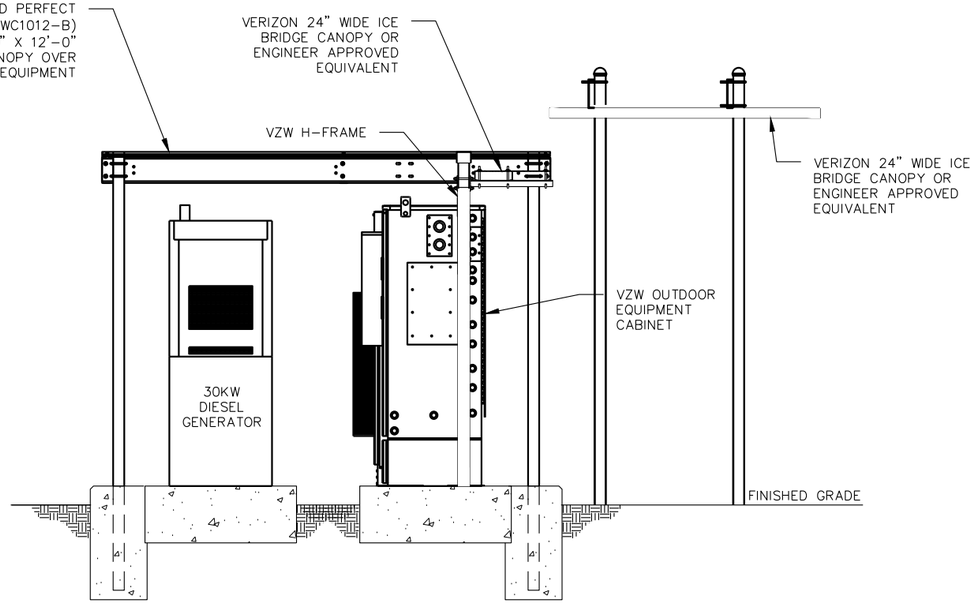
SHEET: C-11

RAWLAND 05-01-2025



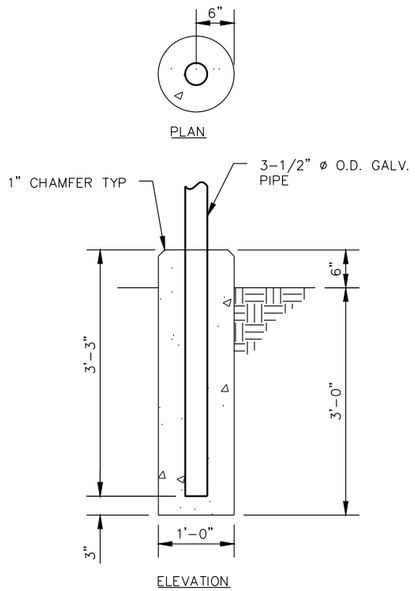
FRONT ELEVATION

NTS



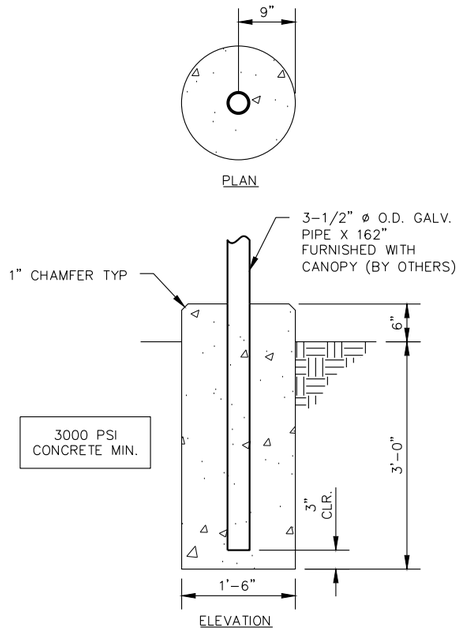
SIDE ELEVATION

NTS



H-FRAME ICE BRIDGE FOOTING DETAIL

NTS



EQUIPMENT CANOPY FOOTING DETAIL

NTS

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SOURCE OF TITLE:	DEED BOOK - PAGE -
LATITUDE: 32° 25' 3.58"	LONGITUDE: W 88° 26' 31.77"

REVISIONS

NO.	BY	DESCRIPTION	DATE	CHK
A	JTL	PRELIMS	10/28/25	JTL

TITLE: EQUIPMENT DETAILS

SHEET: C-11A

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GENERAL NOTES:

1. CONSTRUCTION SAFETY BANNER SHALL BE PLACED SO THAT IT IS VISIBLE TO ALL THAT ENTER THE CONSTRUCTION AREA.
2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REDLINING THE CONSTRUCTION PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. THIS WILL BE DONE AFTER THE SITE HAS BEEN AWARDED THE FINAL INSPECTION.
3. DRAWINGS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE DIAGRAMMATIC ONLY. THE WORK INDICATED ON THE DRAWINGS SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT AND APPURTENANCES, AND LABOR NECESSARY TO COMPLETE THE WORK. VERIFY ALL EQUIPMENT LOCATIONS WITH CONSTRUCTION MANAGER.
4. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME FAMILIAR WITH ALL CONDITIONS AFFECTING THE PROPOSED PROJECT, INCLUDING DEMOLITION, MECHANICAL AND ELECTRICAL INSTALLATIONS AND SHALL ADJUST BID ACCORDINGLY. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS ON THE JOB SITE AND CONFIRM THAT WORK AS INDICATED ON THE CONSTRUCTION DOCUMENTS (ALSO KNOWN AS CONSTRUCTION PLANS) CAN BE ACCOMPLISHED AS SHOWN BEFORE PROCEEDING. CONTRACTOR SHALL VISIT JOB SITE TO REVIEW SCOPE OF WORK AND EXISTING SITE CONDITIONS INCLUDING, BUT NOT LIMITED TO, MECHANICAL SERVICE, ELECTRICAL SERVICE AND OVERALL COORDINATION.
5. NOTIFY CONSTRUCTION MANAGER OF ANY MAJOR DISCREPANCY REGARDING THE CONTRACT DOCUMENTS, EXISTING CONDITIONS, AND/OR DESIGN INTENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THIS CLARIFICATION PRIOR TO PROCEEDING WITH THE WORK OR RELATED WORK IN QUESTION.
6. INSTALL ALL EQUIPMENT AND MATERIALS PER MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY OTHERWISE INDICATED, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
7. ALL TELEPHONE/RADIO EQUIPMENT LAYOUT, SPECIFICATIONS, PERFORMANCE, INSTALLATION AND THEIR FINAL LOCATION ARE TO BE APPROVED BY CONSTRUCTION MANAGER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK AND CLEARANCE REQUIRED BY OTHERS RELATED TO SAID EQUIPMENT.
8. ALL WORK PERFORMED AND MATERIALS SHALL MEET THE HIGHEST TRADE STANDARDS. AS A MINIMUM STANDARD, CONFORM WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES HAVING JURISDICTION. GENERAL CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK.
9. ELECTRICAL SYSTEMS SHALL BE INSTALLED PER N.E.C. AND IN ACCORDANCE WITH ALL APPLICABLE UTILITY COMPANY SPECIFICATIONS AND LOCAL AND STATE JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
10. CONTRACTOR SHALL PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUB-CONTRACTORS OR WORKMEN ARE ON THE JOB SITE AND SHALL SUPERVISE AND DIRECT ALL WORK. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
11. CONTRACTOR SHALL PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA DURING CONSTRUCTION.
12. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST INTERNATIONAL BUILDING CODE (IBC) EDITION, ALONG WITH UPC, UMC AND THE NEC AS ADOPTED BY THE LOCAL CODE. CONTRACTOR SHALL PROTECT ALL EXISTING FINISHES THAT ARE TO REMAIN. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY OCCUR DURING CONSTRUCTION.
13. SEAL ALL PENETRATIONS THROUGH FIRE RATED AREAS WITH U.L. LISTED OR F.M. APPROVED MATERIALS. DETAILS AND SCHEMATICS PROPOSE TO SHOW END RESULT OF THE DESIGN.
14. MINOR MODIFICATIONS MAY BE NECESSARY TO SUIT JOB CONDITIONS AND DIMENSIONS. SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
15. VERIFY ALL FINAL EQUIPMENT LOCATIONS WITH OWNERS REPRESENTATIVE.
16. DIMENSIONS ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED.
17. CLEANUP AND SAFETY: KEEP PROJECT AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND EQUIPMENT THAT IS NOT SPECIFIED TO REMAIN THE PROPERTY OF THE OWNER, ETC. LEAVE PREMISES IN A VACUUM AND BROOM CLEAN CONDITION, FREE FROM PAINT SPOTS, DUST OR SMUDGES OF ANY NATURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SYSTEMS EQUIPMENT IN A CLEAN WORKING ORDER UNTIL ACCEPTANCE OF THE PROJECT BY PROJECT MANAGER. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A TRASH RECEPTACLE AND A PORTABLE TOILET AT THE SITE FOR THE DURATION OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR PICKING TRASH DAILY AND REMOVING ITS ACCUMULATION FROM THE CONSTRUCTION SITE. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A TRASH BIN TO BE ON SITE FROM THE START OF CONSTRUCTION UNTIL RELEASED BY PROJECT MANAGER.
18. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REDLINING THE CONSTRUCTION PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. THIS WILL BE DONE AFTER THE SITE HAS BEEN AWARDED THE FINAL INSPECTION.
19. GENERAL CONTRACTOR IS RESPONSIBLE FOR CLEANING SHELTER FLOORS AFTER ALL EQUIPMENT HAS BEEN INSTALLED.
20. THE SHELTER SHALL NOT BE USED FOR STORAGE OF TOOLS, EQUIPMENT, ETC., BY ANY GENERAL CONTRACTORS OR SUB-CONTRACTORS.

CONSTRUCTION NOTES:

1. CONFIRM SURVEY STAKES AND SET ELEVATIONS PRIOR TO ANY CONSTRUCTION.
2. THE COMPLETE ROAD AND SITE AREA WILL BE GRUBBED PRIOR TO FOUNDATION CONSTRUCTION OR PLACEMENT OF BACKFILL OR SUB-BASE MATERIAL.
3. PRIOR TO OTHER EXCAVATION AND CONSTRUCTION EFFORTS GRUB ORGANIC MATERIAL TO A MINIMUM OF SIX (6) INCHES BELOW ORIGINAL GROUND LEVEL.
4. UNLESS OTHERWISE INSTRUCTED BY PROJECT MANAGER TRANSPORT ALL REMOVED TREES, BRUSH AND DEBRIS FROM THE PROPERTY TO AN AUTHORIZED LANDFILL.
5. CONSTRUCT TEMPORARY CONSTRUCTION ZONE ACCESS DRIVE.
6. THE SITE AREA WILL BE BROUGHT TO SUB-BASE COURSE ELEVATION AND THE ACCESS ROAD TO BASE COURSE ELEVATION PRIOR TO FORMING FOUNDATION.
7. APPLY SOIL STERILIZER PRIOR TO PLACING BASE MATERIALS. SOIL STERILIZER SHALL BE EPA REGISTERED OF LIQUID COMPOSITION AND OF PRE EMERGENCE DESIGN AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS

   SOIL STERILIZERS:

TOTAL KILL PRODUCT 910 – EPA 10292-7	AMBUSH HERBICIDE – EPA REGISTERED
PHASAR CORPORATION	FRAMAR INDUSTRIAL PRODUCTS
P. O. BOX 5123	1435 MORRIS AVENUE
DEARBORN, MI 48128 TEL (313) 563-8000	UNION, NJ 07083 TEL (800) 526-4924

8. GRADE, SEED, FERTILIZE AND MULCH DISTURBED AREAS IMMEDIATELY AFTER BRINGING SITE AND ACCESS ROAD TO BASE COURSE ELEVATION, WATER TO INSURE GROWTH.
9. REMOVE GRAVEL FROM TEMPORARY CONSTRUCTION ZONE TO AN AUTHORIZED AREA OR AS DIRECTED BY PROJECT MANAGER.
10. AFTER COMPLETION OF CONSTRUCTION BUT PRIOR TO THE FINAL PUNCH LIST INSPECTION, APPLY THREE (3) INCHES OF 3/4 INCH CRUSHED AND WASHED STONE (OR MATCH EXISTING ON CO-LOCATED SITES) TO ALL GRAVELED AREAS. AFTER APPLICATIONS OF FINAL SURFACES, APPLY SOIL STERILIZER TO THE STONE SURFACES. SOIL STERILIZATION APPLICATION SHALL GUARANTEE VEGETATION FREE ROAD AND SITE AREAS FOR ONE YEAR FROM DATE OF FINAL INSPECTION.
11. DISTURBED AREAS WILL REFLECT GROWTH OF NEW GRASS COVER PRIOR TO FINAL INSPECTION.
12. ROAD AND SITE MATERIALS AND CONSTRUCTION PRACTICES SHALL CONFORM TO STATE TRANSPORTATION CABINET, DEPARTMENT OF HIGHWAYS, STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION).
13. THE CONTRACTOR SHALL REPAIR ALL AREAS DAMAGED DURING CONSTRUCTION, BACK AS CLOSE TO ORIGINAL AS POSSIBLE.
14. IF UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED THEY SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND WHERE POSSIBLE STABILIZED WITH MIRAFI-600X FABRIC OR EQUIVALENT PRIOR TO PLACEMENT OF FILL OR BASE MATERIAL.
15. ELEVATIONS FOR SITE AND ACCESS ROAD ARE TO BE CALCULATED FROM FINISHED GRADES OR SLOPES INDICATED.
16. THE ACCESS ROAD SHALL BE BROUGHT TO BASE COURSE ELEVATION PRIOR TO FOUNDATION CONSTRUCTION TO PERMIT USE, COMPACTION AND OBSERVATION DURING CONSTRUCTION OF THE SITE.
17. AVOID CREATING DEPRESSIONS WHERE WATER MAY POND.
18. THE CONTRACT SHALL BE ASSUMED TO INCLUDE GRADING, BANKING, DITCHING AND UNLESS OTHERWISE INDICATED, COVERING TWO INCHES OF SURFACE COURSE. ALL ROADS OR ROUTES UTILIZED FOR ACCESS TO THE SITE COMMENCING AT THE POINT OF INTERSECTION WITH THE NEAREST PUBLIC THOROUGHFARE.
19. WHEN IMPROVING AN EXISTING ACCESS ROAD, GRADE THE EXISTING ROAD TO REMOVE ANY ORGANIC MATTER AND SMOOTH THE SURFACE BEFORE PLACING FILL OR STONE.
20. PLACE FILL OR STONE IN SIX INCH MAXIMUM LIFT AND COMPACT BEFORE PLACING NEXT LIFT.
21. THE FINISH GRADE, INCLUDING TOP SURFACE COURSE, SHALL EXTEND A MINIMUM OF ONE FOOT BEYOND THE SITE FENCE AND SHALL COVER THE AREA AS INDICATED.
22. RIP-RAP SHALL BE APPLIED TO THE SIDES OF DITCHES OR DRAINAGE SWALES. RIP-RAP ENTIRE DITCH FOR SIX FEET IN ALL DIRECTIONS AT CULVERT OPENINGS UNLESS ENDWALLS SPECIFIED. SOD OR SEED FERTILIZER AND STRAW COVER SHALL BE APPLIED TO ALL OTHER DISTURBED AREAS, DITCHES AND DRAINAGE SWALES NOT OTHERWISE RIP-RAPPED.

verticalbridge
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A	JTL	PRELIMS	10/28/25	JTL

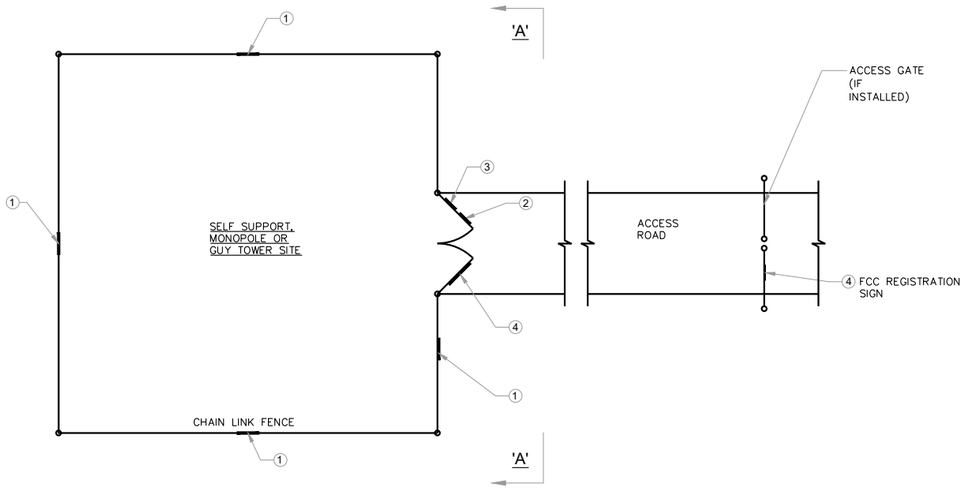
TITLE:

CONSTRUCTION NOTES

SHEET:

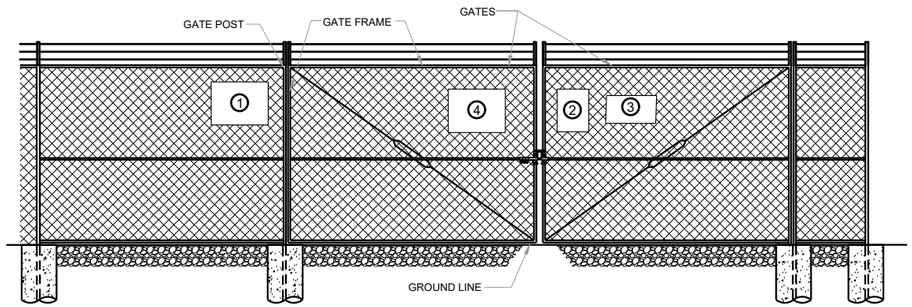
C-12

RAWLAND 05-01-2025



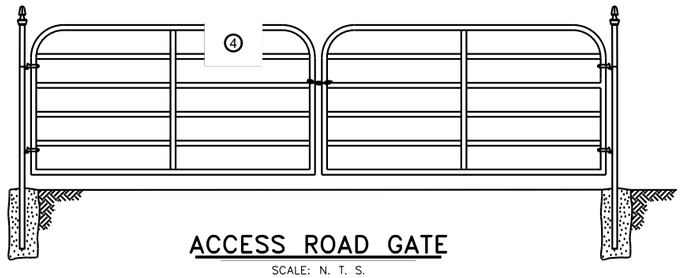
TYPICAL SITE FENCE SIGNAGE PLAN

SCALE: N. T. S.



ELEVATION "A–A"

SCALE: N. T. S.



ACCESS ROAD GATE

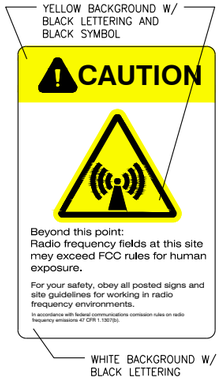
SCALE: N. T. S.

SIGNAGE NOTES:

1. SIGNS SHALL BE FABRICATED FROM CORROSION RESISTANT PRESSED METAL AND PAINTED WITH LONG LASTING UV RESISTANT COATINGS.
2. SIGNS (EXCEPT WHERE NOTED OTHERWISE) SHALL BE MOUNTED TO THE TOWER, GATE, AND FENCE USING A MINIMUM OF 9 GAUGE ALUMINUM WIRE, HOG RINGS (AS UTILIZED IN FENCE INSTALLATIONS) OR BRACKETS WHERE NECESSARY. BRACKETS SHALL BE OF SIMILAR METAL AS THE STRUCTURE TO AVOID GALVANIC CORROSION.

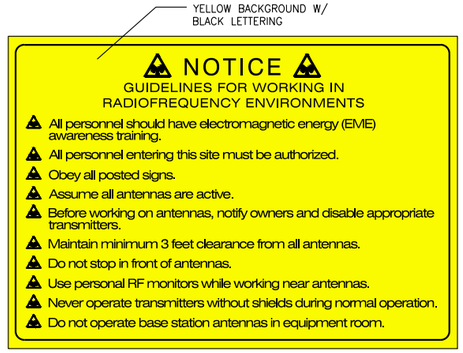
NO TRESPASSING SIGN 1

14" WIDE x 10" HIGH



RF GUIDELINES SIGN 2

12" WIDE x 18" HIGH (OPERATIONS PROVIDED)



RF GUIDELINES SIGN 3

18" WIDE x 12" HIGH (OPERATIONS PROVIDED)

VERTICAL BRIDGE ID SIGN 4

24" WIDE x 18" HIGH (OPERATIONS PROVIDED)

FIRELANE SIGNAGE TO BE COORDINATED WITH FIRE MARSHALL

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BY
JTL

TITLE: FENCE SIGNAGE

SHEET: C–13

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STANDARD SITE SIGNAGE:

	REQUIRED SIGNS:	LOCATIONS:
C1	• N.O.C. "IN CASE OF EMERGENCY"	FRONT ACCESS DOOR OF CABINET (SEE FIGURE 1)
C2	• NOTICE (CONTACT INFO)	
C3	• COMBINATION WARNING (SEE NOTE 2)	FRONT ACCESS DOOR OF EACH CABINET WITH BATTERIES (SEE FIGURE 1)
C4	• COMBINATION WARNING (SEE NOTE 2)	
C5	• S.D.S.	INSIDE FRONT ACCESS DOOR OF EACH CABINET WITH BATTERIES

–N.O.C. STANDS FOR "NETWORK OPERATIONS CENTER"
–S.D.S. STANDS FOR "SAFETY DATA SHEET"

NOTES:

1. CONTRACTOR SHALL INSTALL ALL SIGNS ON THE FRONT OF EACH CABINET. ALL SIGNS CAN BE PLACED ON ONLY THE UPPER DOOR, IF SPACE IS AVAILABLE.
2. CONTRACTOR SHALL INSTALL SIGN C3 OR C4 BASED ON THE TYPE OF BATTERY THAT IS BEING INSTALLED.

C1

C2

C5

C3

C4

REAR

FIGURE 1 – EQUIPMENT CABINET SIGNAGE

SIGNAGE FOR EACH GENERATOR FUEL TYPE:

DIESEL GENERATOR

	REQUIRED SIGNS:	LOCATIONS:
D1	• "DANGER DIESEL FUEL"	INSTALL ON GENERATOR (SEE FIGURE 6)
D2	• HAZARD DIAMOND	
D3	• NOTICE SIGN	
D4	• FUEL TANK CAPACITY	INSTALL ON FUEL TANK

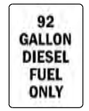
*SIGNS D1 AND D2 MAY BE COMBINED TO A SINGLE SIGN

D1

D2

D3

D4



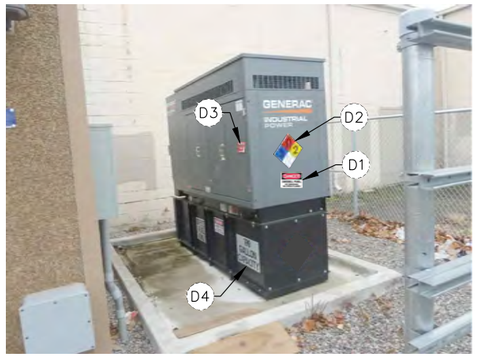


FIGURE 6 – DIESEL GENERATOR SIGNAGE

E.M.E. SIGNAGE NOTES:

VZW GC SHALL VERIFY WITH THE VERIZON CONSTRUCTION MANAGER IF ANY E.M.E. SIGNAGE (SEE FIGURE 9) IF REQUIRED. ANY REQUIRED E.M.E. SIGNAGE WILL BE INSTALLED IN ACCORDANCE WITH THE SITE SPECIFIC PRE-E.M.E. REPORT AND MOUNT AS APPROPRIATE FOR THE SIGN LOCATION.

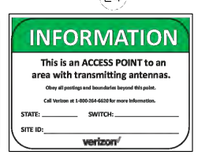
S1

E1

E2

E3

E4



B1

FIGURE 9 – TYPICAL E.M.E. SIGNAGE

750 PARK OF COMMERCE DRIVE
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DESCRIPTION	PRELIMS													
DATE	10/28/25													
CHK	JTL													

TITLE: CARRIER SIGNAGE

SHEET: C-13A

RAWLAND 05-01-2025

CODED DRAWING NOTES:

1. TOWER OWNER HOFFMAN BOX ON H-FRAME. VERIZON TELCO JUNCTION BOX LOCATED ON BACK OF UTILITY H-FRAME (ONLY NEEDED IF AT&T IS SERVICE PROVIDER)
2. PROPOSED UNDERGROUND TELEPHONE SERVICE. (2) 2" SCH 40 PVC CONDUITS FROM HOFFMAN BOX ON H-FRAME TO EQUIPMENT H-FRAME (±25'). (ADD THIRD CONDUIT BETWEEN HOFFMAN AND EQUIPMENT FOR SITES SERVED BY AT&T). SCH 80 UNDER ACCESS ROAD AND ABOVE GRADE.
3. 3" SCHEDULE 80 PVC CONDUIT WITH (3) #3/0 PLUS #4 GROUND (±33'). (POWER)
4. PROPOSED VERIZON ELECTRIC METER AND 200 AMP CIRCUIT BREAKER TYPE (ONLY) DISCONNECT BY THIS CONTRACT. METER BY UTILITY PROVIDER.
5. COORDINATE EXACT LOCATION OF CONDUIT IN FIELD.
6. PROPOSED 300' GUYED TOWER.
7. TELEPHONE CONDUIT STUB-UP.
8. POWER CONDUIT STUB-UP.
9. PROPOSED 30"x48"x24" DEEP TELCO HANDHOLE
10. PROPOSED UNDERGROUND SECONDARY ELECTRIC SERVICE TO PROPOSED METER BOARD H-FRAME AT SITE FROM PROPOSED PAD MOUNTED TRANSFOMER. ACTUAL SERVICE LOCATION AND SOURCE TO BE COORDINATED WITH ELECTRIC COMPANY. CONTRACTOR TO SUPPLY MIN OF (2) 3" SCH. 40 SECONDARY SERVICE CONDUIT WITH PULL STRINGS (±9'). CONFIRM CONDUIT SIZE AND QUANTITY WITH PROVIDER
11. INTEGRATED LOAD CENTER ON EQUIPMENT CABINET.
12. PROPOSED UNDERGROUND ELECTRIC SERVICE TO PROPOSED PAD MOUNTED TRANSFORMER AT SITE FROM PROPOSED UTILITY POLE AT RIGHT OF WAY. ACTUAL SERVICE LOCATION AND SOURCE TO BE COORDINATED WITH ELECTRIC COMPANY. POWER COMPANY TO DIRECT BURY CABLE WITHOUT CONDUIT AT APPROX. 3' DEPTH. CONDUIT ONLY REQUIRED WHEN CROSSING UNDER ACCESS ROAD (±14'). TOTAL UNDERGROUND PRIMARY LENGTH = ±1293'. CONFIRM CONDUIT SIZE AND QUANTITY WITH PROVIDER. NEW OVERHEAD EXTENSION AT ROW BY POWER COMPANY.
13. PROPOSED UNDERGROUND TELEPHONE SERVICE. (2) 2" SCH 40 PVC CONDUITS FROM RIGHT OF WAY TO HANDHOLE AT SITE. (±1297'). SCH 80 PIPE REQUIRED WHEN CROSSING UNDER ACCESS ROAD
14. PROPOSED UNDERGROUND TELEPHONE SERVICE. (2) 2" SCH 40 PVC CONDUITS FROM HANDHOLE TO HOFFMAN BOX ON H-FRAME. (±9').
15. PROPOSED DIESEL GENERATOR SET AND CONCRETE PAD.
16. FIELD ROUTE CONDUITS AS REQUIRED FOR POWER AND CONTROL WIRING TO THE GENSET. STUB CONDUITS UP THROUGH THE CONCRETE PAD BENEATH ELECTRICAL STUB-UP AREA. SEE MANUFACTURER'S DRAWINGS (±5').
18. TOWER LIGHTING CONTROLLER MOUNTED TO H-FRAME
19. 2" POWER CONDUIT FOR TOWER LIGHTING FROM LIGHTING CONTROLLER TO TOWER LEG. SEE DETAIL SHEET E-5 (±28').
20. TOWER LIGHTING PHOTOCELL MOUNTED 6" ABOVE H-FRAME POST. LOCATION TO BE FIELD DETERMINED AND VERIFIED W/ PROJECT MANAGER

ELECTRICAL SYMBOLS

- CHEMICAL GROUND ROD
- PRIMARY BOND WITH INSPECTION PORT
- GROUND ROD
- CADWELD TYPE CONNECTION
- COMPRESSION TYPE CONNECTION
- MIGB/CIGBE – GROUND BAR
- DISCONNECT SWITCH
- METER
- CIRCUIT BREAKER
- (GEN) GENERATOR
- GENERATOR RECEPTACLE
- ATS AUTOMATIC TRANSFER SWITCH
- MTS MANUAL TRANSFER SWITCH
- GROUNDING WIRE
- UGE UNDERGROUND ELECTRIC
- UGT UNDERGROUND TELEPHONE
- (X) INDICATES CODED NUMBER

ABBREVIATIONS

AWG	AMERICAN WIRE GAUGE
BCW	BARE COPPER WIRE
BTS	BASE TRANSMISSION SYSTEM
CIGBE	COAX ISOLATED GROUND BAR EXTERNAL
DIA	DIAMETER
DWG	DRAWING
EMT	ELECTRICAL METALLIC TUBING
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
I	WALKING BEAM INTERLOCK
IGR	INTERIOR GROUND RING (HALO)
MIGB	MASTER ISOLATED GROUND BAR
RGS	RIGID GALVANIZED STEEL
RWY	RACEWAY
SS	STAINLESS STEEL
TYP	TYPICAL
VZW	VERIZON WIRELESS

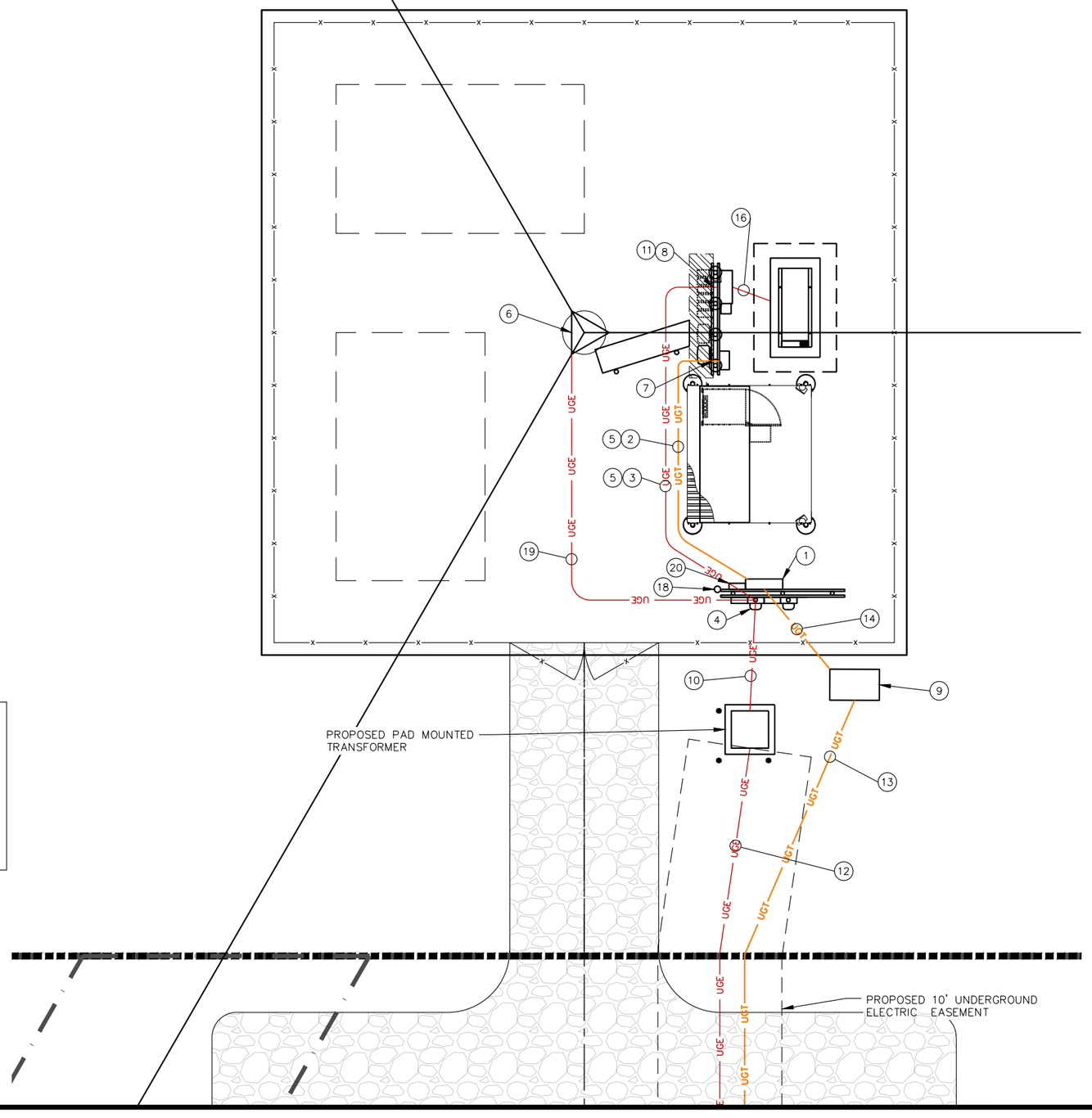
REFER TO UTILITY COORDINATION FOR THE FINAL SITE SPECIFIC SCOPE OF WORK.

1. POWER COMPANY UTILITY EASEMENT FORMS REQUIRED TO BE SIGNED BY LANDOWNERS FOR BOTH OVERHEAD AND UNDERGROUND PORTION.
2. POWER COMPANY LOCK TO BE PLACED ON MAIN SITE GATE
3. COORDINATE POWER WALK WITH THE POWER COMPANY PRIOR TO CONSTRUCTION START.

GENERAL NOTES:

1. THIS SITE INCLUDES EXISTING UNDERGROUND ELECTRIC, COMMUNICATIONS, AND GROUNDING SERVICES IN THE VICINITY. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DISRUPTION OF THESE EXISTING FACILITIES. CONTACT UTILITY PROVIDERS AND ALL OTHER APPROPRIATE AGENCIES PRIOR TO EXCAVATION AT THIS SITE. ALL EXCAVATION IN THE IMMEDIATE VICINITY OF EXISTING SERVICE SHALL BE PERFORMED BY HAND.
2. COORDINATE EXACT SOURCE AND INSTALLATION REQUIREMENTS WITH UTILITY COMPANIES. SEE SHEET TD-1.
3. FOR CONDUIT RUNS OVER 250 FEET USE 3" SCH 80 PVC WITH MINIMUM 1200 LB TEST "MULE TAPE" PULL STRAP. MAXIMUM 500' BETWEEN PULL BOXES. MAXIMUM (3) 90 DEGREE TURNS BETWEEN PULL BOXES. ADD PULL BOXES AS REQUIRED.
4. DIRECTIONAL BORING MAY BE INDICATED FOR FIBER RUNS OVER 250 FEET. CONFIRM WITH IMPM.

GRAPHIC SCALE
5 0 5 10 20
(IN FEET)
1 INCH = 10 FEET



750 PARK OF COMMERCE DRIVE
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verticalbridge

LASHBROOK
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PHONE: (270) 314-5929

REVIEW COPY

SITE NAME:	KEWANEE
LOCATION CODE:	US-MS-5371
SITE ADDRESS:	KEWANEE RD TOOMSUBA, MS, 39364
AREA:	LEASE AREA = 6400 SF
PROPERTY OWNER:	SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364
TAX MAP #:	PARCEL NUMBER: 158270000000001900
SOURCE OF TITLE:	DEED BOOK – PAGE –
LATITUDE:	N 32° 25' 3.58"
LONGITUDE:	W 88° 26' 31.77"

REVISIONS

NO.	BY	DESCRIPTION	DATE	CHK
A	JTL	PRELIMS	10/28/25	JTL

TITLE: CONDUIT ROUTING PLAN

SHEET: E-1

RAWLAND 05-01-2025

CODED DRAWING NOTES:

(6) PROPOSED 300' GUYED TOWER.

(9) PROPOSED 30"x48"x24" DEEP TELCO HANDHOLE

(10) PROPOSED UNDERGROUND SECONDARY ELECTRIC SERVICE TO PROPOSED METER BOARD H-FRAME AT SITE FROM PROPOSED PAD MOUNTED TRANSFOMER. ACTUAL SERVICE LOCATION AND SOURCE TO BE COORDINATED WITH ELECTRIC COMPANY. CONTRACTOR TO SUPPLY MIN OF (2) 3" SCH. 40 SECONDARY SERVICE CONDUIT WITH PULL STRINGS (±9'). CONFIRM CONDUIT SIZE AND QUANTITY WITH PROVIDER

(12) PROPOSED UNDERGROUND ELECTRIC SERVICE TO PROPOSED PAD MOUNTED TRANSFORMER AT SITE FROM PROPOSED UTILITY POLE AT RIGHT OF WAY. ACTUAL SERVICE LOCATION AND SOURCE TO BE COORDINATED WITH ELECTRIC COMPANY. POWER COMPANY TO DIRECT BURY CABLE WITHOUT CONDUIT AT APPROX. 3' DEPTH. CONDUIT ONLY REQUIRED WHEN CROSSING UNDER ACCESS ROAD (±14'). TOTAL UNDERGROUND PRIMARY LENGTH = ±1293'. CONFIRM CONDUIT SIZE AND QUANTITY WITH PROVIDER. NEW OVERHEAD EXTENSION AT ROW BY POWER COMPANY.

(13) PROPOSED UNDERGROUND TELEPHONE SERVICE. (2) 2" SCH 40 PVC CONDUITS FROM RIGHT OF WAY TO HANDHOLE AT SITE. (±1297'). SCH 80 PIPE REQUIRED WHEN CROSSING UNDER ACCESS ROAD

(21) PROPOSED 17"x30"x24" DEEP TELCO HANDHOLE

ABBREVIATIONS

AWG	AMERICAN WIRE GAUGE
BCW	BARE COPPER WIRE
BTS	BASE TRANSMISSION SYSTEM
CIGBE	COAX ISOLATED GROUND BAR EXTERNAL
DIA	DIAMETER
DWG	DRAWING
EMT	ELECTRICAL METALLIC TUBING
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
I	WALKING BEAM INTERLOCK
IGR	INTERIOR GROUND RING (HALO)
MIGB	MASTER ISOLATED GROUND BAR
RGS	RIGID GALVANIZED STEEL
RWY	RACEWAY
SS	STAINLESS STEEL
TYP	TYPICAL
VZW	VERIZON WIRELESS

ELECTRICAL SYMBOLS

- CHEMICAL GROUND ROD
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- CADWELD TYPE CONNECTION
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- UGE — UNDERGROUND ELECTRIC
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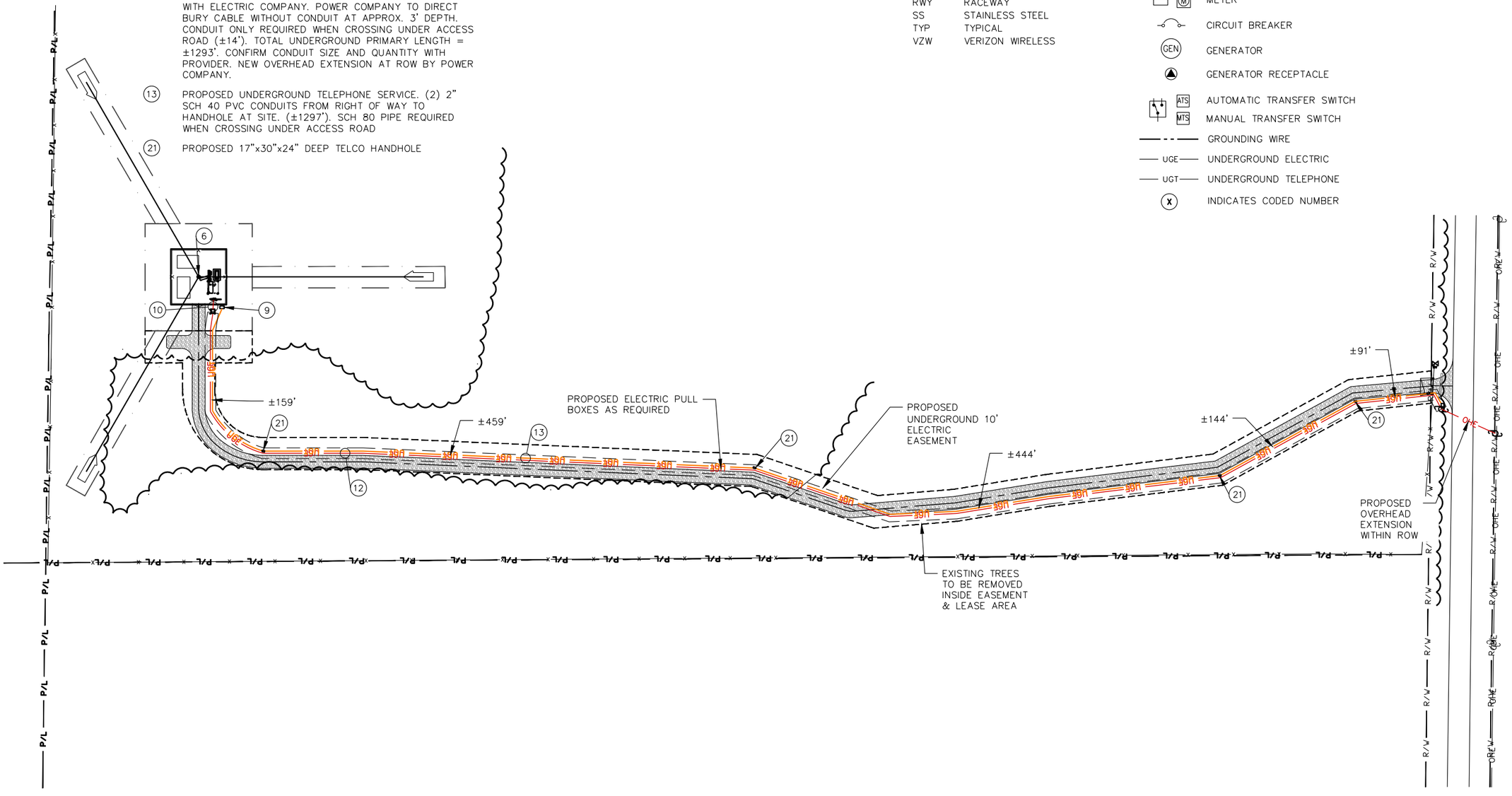

GRAPHIC SCALE

50 0 50 100 200

(IN FEET)

1 INCH = 100 FEET

750 PARK OF COMMERCE DRIVE
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verticalbridge

LASHBROOK

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REVIEW COPY

SITE NAME: KEWANEE

LOCATION CODE: US-MS-5371

SITE ADDRESS: KEWANEE RD TOOMSUBA, MS, 39364

AREA: LEASE AREA = 6400 SF

PROPERTY OWNER: SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364

TAX MAP #: | PARCEL NUMBER: 1-58270000000001900

SOURCE OF TITLE: DEED BOOK – PAGE –

LATITUDE: N 32° 25' 3.58" | LONGITUDE: W 88° 26' 31.77"

REVISIONS

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A	JTL	PRELIMS	10/28/25	JTL

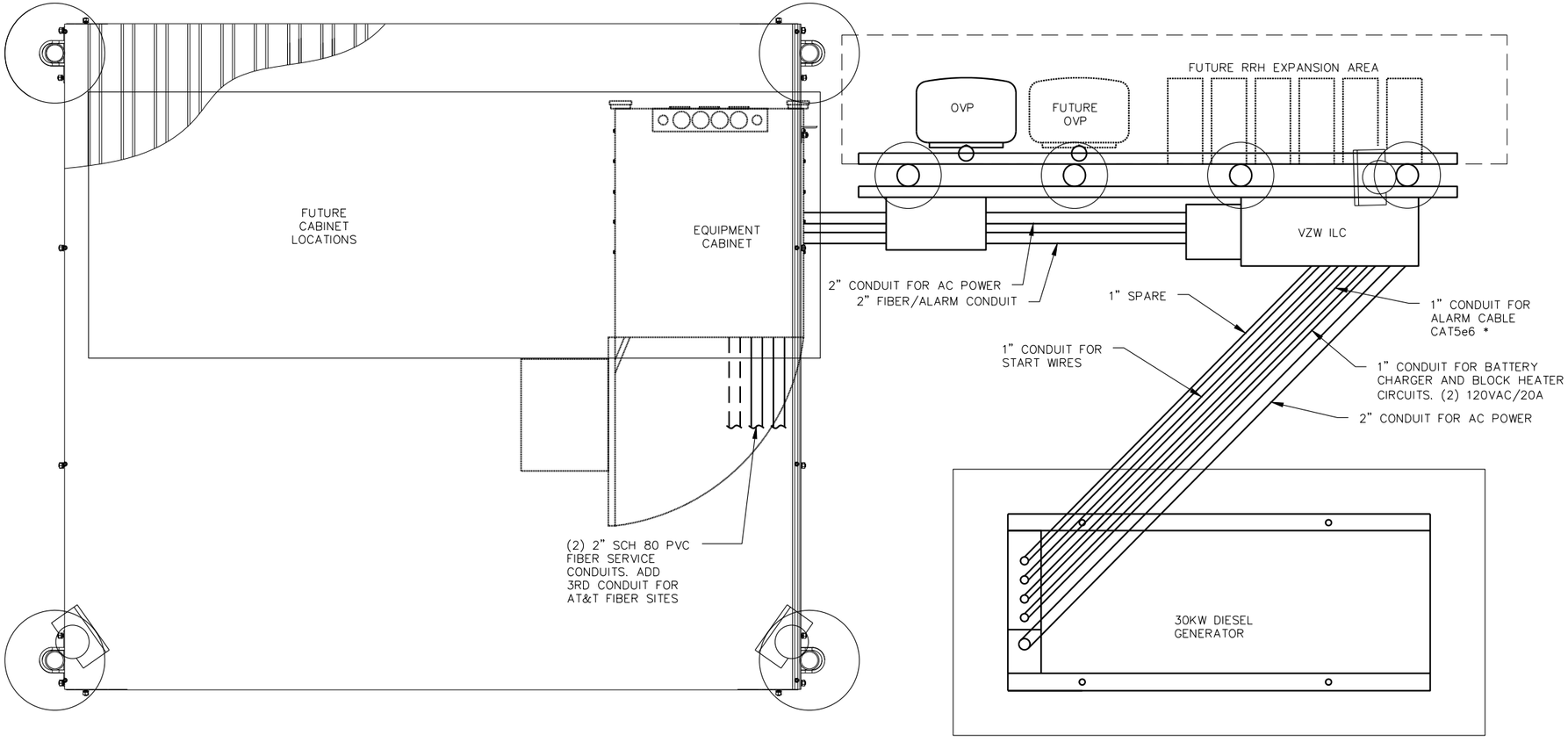
TITLE: OVERALL CONDUIT ROUTING PLAN

SHEET: E-1A

RAWLAND 05-01-2025

CONFIRM UNDERGROUND CONDUITS TO GENERATOR WITH MANUFACTURER DRAWINGS

GENERATOR BATTERY CHARGER AND BLOCK HEATER CIRCUITS ARE TO BE SEPARATE 120VAC/20A CIRCUITS. LABEL GENERATOR END WITH CIRCUIT BREAKER NUMBERS. MAY BE IN SAME CONDUIT.



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REVISIONS

NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

TITLE:
CONDUIT ROUTING PLAN AT EQUIPMENT

SHEET:
E-1B

VB-VZW RAWLAND 09-02-2025

CODED DRAWING NOTES:

1. #2 TINNED BARE COPPER SOLID WIRE BURIED EXTERIOR GROUND RING.
2. ICE-BRIDGE. BOND TOP OF EACH ICE-BRIDGE POST TO GRIP STRUT AND JUMPER EACH SECTION. BOND BOTTOM OF EACH ICE-BRIDGE SUPPORT POST TO BURIED GROUND RING WITH CADWELD.
3. BOND NEUTRAL TERMINAL IN METERING DEVICE AND SERVICE DISCONNECT TO GROUND RING.
4. GALVANIZED BAR-NONE GROUND MOUNTED TO ICE BRIDGE POST.
5. GROUND LEAD TO H-FRAME POSTS (TYP)
6. BOND GROUND RING TO PROPOSED FENCE CORNER POST (TYP).
7. #2 AWG SOLID TINNED GROUND LEAD TO GATE POSTS (TYP 2).
8. #2 TINNED BARE COPPER SOLID WIRE FROM EQUIPMENT GROUND RING TO UTILITY H-FRAMES INSTALLED IN THE UTILITY CONDUIT TRENCH ALONG WITH GROUND RODS AT 10' ON CENTER. BOND TO RIGID CONDUIT STUBS AT UTILITY H-FRAMES.
9. BOTTOM BAR NONE GROUND ASSEMBLY, TOP AND INTERMEDIATE TOWER TINNED COAX ISOLATED GROUND BAR(S), EXTERNAL, BOLTED TO TOWER STEEL.
10. PROPOSED 300' GUYED TOWER.
11. CONNECT EQUIPMENT GROUND RING TO TOWER GROUND RING (TYP 2). ADD TWO PRIMARY BONDS WITH INSPECTION PORTS AT TOWER GROUND RING TIE-INS WITH GREEN PAINTED CAPS.
12. INSTALL INSPECTION PORTS AT MAIN TOWER GROUND RING (TYP 2).
13. CADWELD #2 SOLID TINNED BARE COPPER WIRE LEAD TO TOWER BASE PLATE OR FLANGE PLATES (TYP 3).
14. SHIELD OF COAX CABLES FROM ANTENNAS SHALL BE BONDED TO GROUND BAR/BAR NONE.
15. CONNECT GENSET GROUND TO PROPOSED BURIED GROUND RING (TYP 2). PLACED AT OPPOSITE CORNERS OF GENERATOR PAD. BOLT TO GENERATOR WITH 2 HOLE GROUND LUG (DTL 2, SHT E-7 SIM). CLEAN PAINT UNDER CONNECTOR.
16. 6' MINIMUM #6 AWG PIGTAIL FOR TELCO COMPANY CONNECTION TO TELCO TERMINAL CAD WELDED TO GROUND RING.
17. BOND H-FRAME MOUNTED TOWER LIGHTING CONTROLLER CABINETS W/ 2 HOLE LUG MEETING NEC CODE 250.94 AT LIGHTING CABINET CAD WELD LEAD TO EXTERNAL COMPOUND GROUND RING.
18. BOND EQUIPMENT GROUND RING TO EVERY PROPOSED FENCE POST WITHIN 6' OF THE EQUIPMENT. MAXIMUM SPACING BETWEEN GROUNDED FENCE POST SHALL BE 25'.

ELECTRICAL SYMBOLS

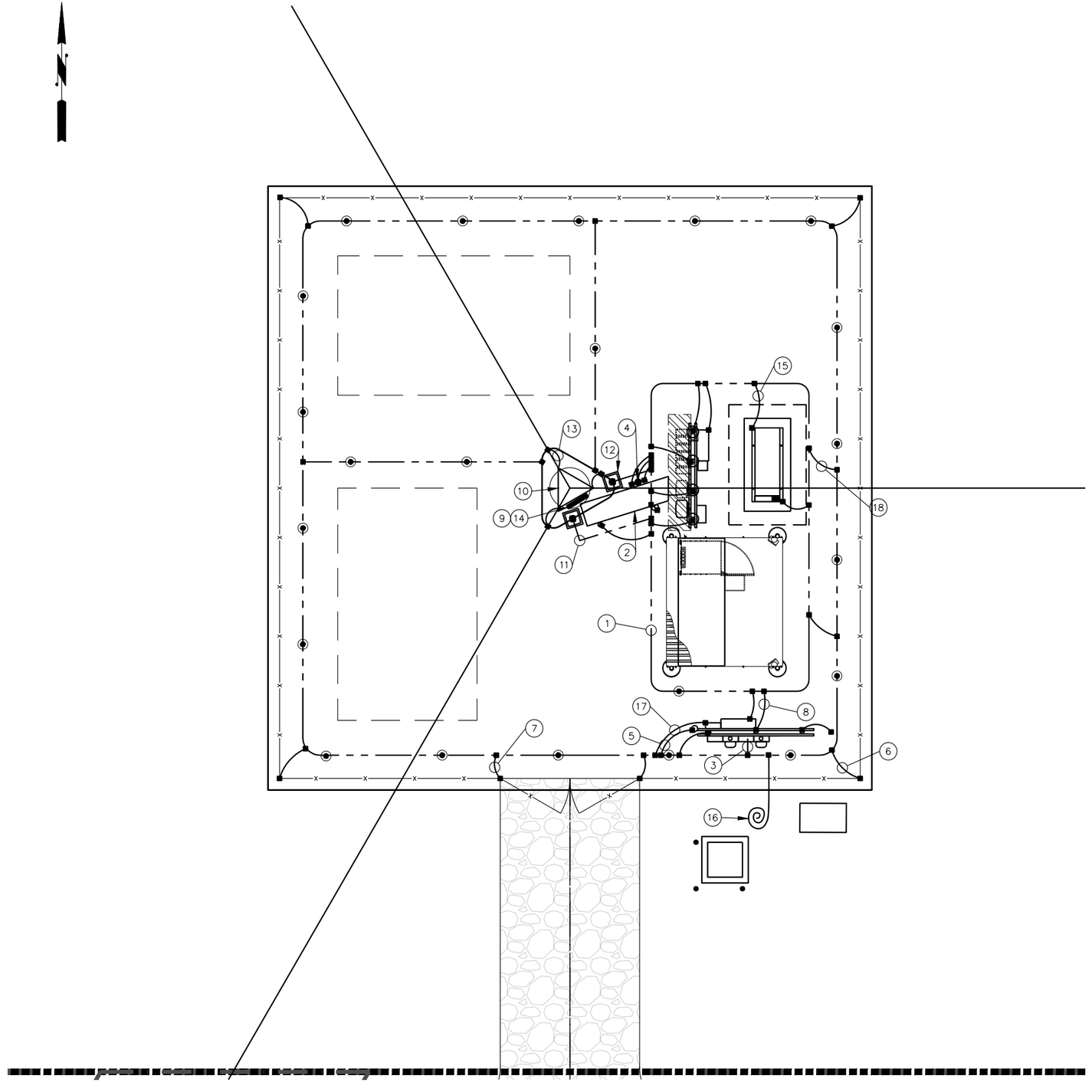
- CHEMICAL GROUND ROD
- PRIMARY BOND WITH INSPECTION PORT
- GROUND ROD
- CADWELD TYPE CONNECTION
- COMPRESSION TYPE CONNECTION
- MIGB/CIGBE – GROUND BAR
- DISCONNECT SWITCH
- METER
- CIRCUIT BREAKER
- GEN — GENERATOR
- GENERATOR RECEPTACLE
- ATS / MTS — AUTOMATIC TRANSFER SWITCH / MANUAL TRANSFER SWITCH
- GROUNDING WIRE
- UGE — UNDERGROUND ELECTRIC
- UGT — UNDERGROUND TELEPHONE
- (X) — INDICATES CODED NUMBER

ABBREVIATIONS

AWG	AMERICAN WIRE GAUGE
BCW	BARE COPPER WIRE
BTS	BASE TRANSMISSION SYSTEM
CIGBE	COAX ISOLATED GROUND BAR EXTERNAL
DIA	DIAMETER
DWG	DRAWING
EMT	ELECTRICAL METALLIC TUBING
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
I	WALKING BEAM INTERLOCK
IGR	INTERIOR GROUND RING (HALO)
MIGB	MASTER ISOLATED GROUND BAR
RGS	RIGID GALVANIZED STEEL
RWY	RACEWAY
SS	STAINLESS STEEL
TYP	TYPICAL
VZW	VERIZON WIRELESS

GROUNDING NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER WHEN THE GROUNDING SYSTEM IS COMPLETE. THE CONSTRUCTION MANAGER SHALL INSPECT THE GROUNDING SYSTEM PRIOR TO BACKFILLING.
2. SPACING BETWEEN GROUND RODS SHALL BE 10'-0".
3. GROUND RINGS SHALL BE COMPRISED OF #2 AWG SOLID TINNED BARE COPPER WIRE, OFFSET 18" (MINIMUM) FROM EQUIPMENT PAD, BURIED AT 30" (MINIMUM) BELOW FINISHED GRADE. BELOW GRADE CONNECTIONS SHALL BE EXOTHERMIC (CADWELD) WELDS, CADWELD TO BE USED AT FENCE. PROTECT GROUND RING CONNECTIONS WITH T&B "KOPRSHIELD" HOMOGENEOUS BLEND OF COLLOIDAL COPPER AND RUST INHIBITOR. COORDINATE THE FINAL GROUNDING LAYOUT WITH THE VERIZON DIRECTOR OF CONSTRUCTION OR HIS DESIGNEE.
4. ALL GROUND LEADS SHALL BE INSTALLED IN A CLOCKWISE DIRECTION.



GRAPHIC SCALE

5 0 5 10 20

(IN FEET)

1 INCH = 10 FEET

verticalbridge
750 PARK OF COMMERCE DRIVE
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REVIEW COPY

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REVISIONS

NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

TITLE: GROUNDING PLAN

SHEET: E-2

RAWLAND 05-01-2025

NOTE

1. EACH BUILDING / EQUIPMENT PAD GROUNDING LAYOUT IS TO COMPLY WITH VERIZON WIRELESS SPECIFICATIONS.
2. ALL GROUNDING DETAILS TO FLOW CLOCKWISE (AS SHOWN)
3. CONTACT VERIZON WIRELESS PERSONNEL PRIOR TO BACKFILLING GROUNDING INSTALLATION.
4. PLACE TEST PORTS AT OPPOSITE CORNERS OF EQUIPMENT PAD.
5. MINIMUM 3 FOOT SPACING BETWEEN THE GROUND CONNECTIONS TO THE MAIN TOWER GROUND RING (TO BE DETERMINED BY PAD AND TOWER LOCATION).
6. ALL BOLLARDS WITHIN 6' OF EQUIPMENT TO BE CADWELDED TO EQUIPMENT GROUND RING.

CODED DRAWING NOTES:

1. #2 TINNED BARE COPPER SOLID WIRE BURIED EXTERIOR GROUND RING.
2. CANOPY POST TO BURIED GROUND RING (TYP).
3. CABINET GROUND. CADWELD TO GROUND RING (TYP).
4. BOND GROUND BAR IN TELCO JUNCTION BOX TO BURIED GROUND RING. (IF APPLICABLE)
5. ALL INTERNAL GROUND BARS TO BE BONDED TO THE EXTERNAL BURIED GROUND RING BY THIS CONTRACT.
6. AUTOMATIC TRANSER SWITCH AND DISCONNECT TO BURIED GROUND RING.

TO MAIN TOWER GROUND RING (SEE NOTE NO. 5, THIS SHEET) IF NO TOWER GROUND EXISTS BOND TO BAR NONE AT TOWER BASE

TO ICE-BRIDGE POST (PENDING LOCATION)

ELECTRICAL SYMBOLS

- CHEMICAL GROUND ROD
- PRIMARY BOND WITH INSPECTION PORT
- GROUND ROD
- CADWELD TYPE CONNECTION
- COMPRESSION TYPE CONNECTION
- MIGB/CIGBE – GROUND BAR
- DISCONNECT SWITCH
- METER
- CIRCUIT BREAKER
- GEN GENERATOR
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- ATS AUTOMATIC TRANSFER SWITCH
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- GROUNDING WIRE
- UGE UNDERGROUND ELECTRIC
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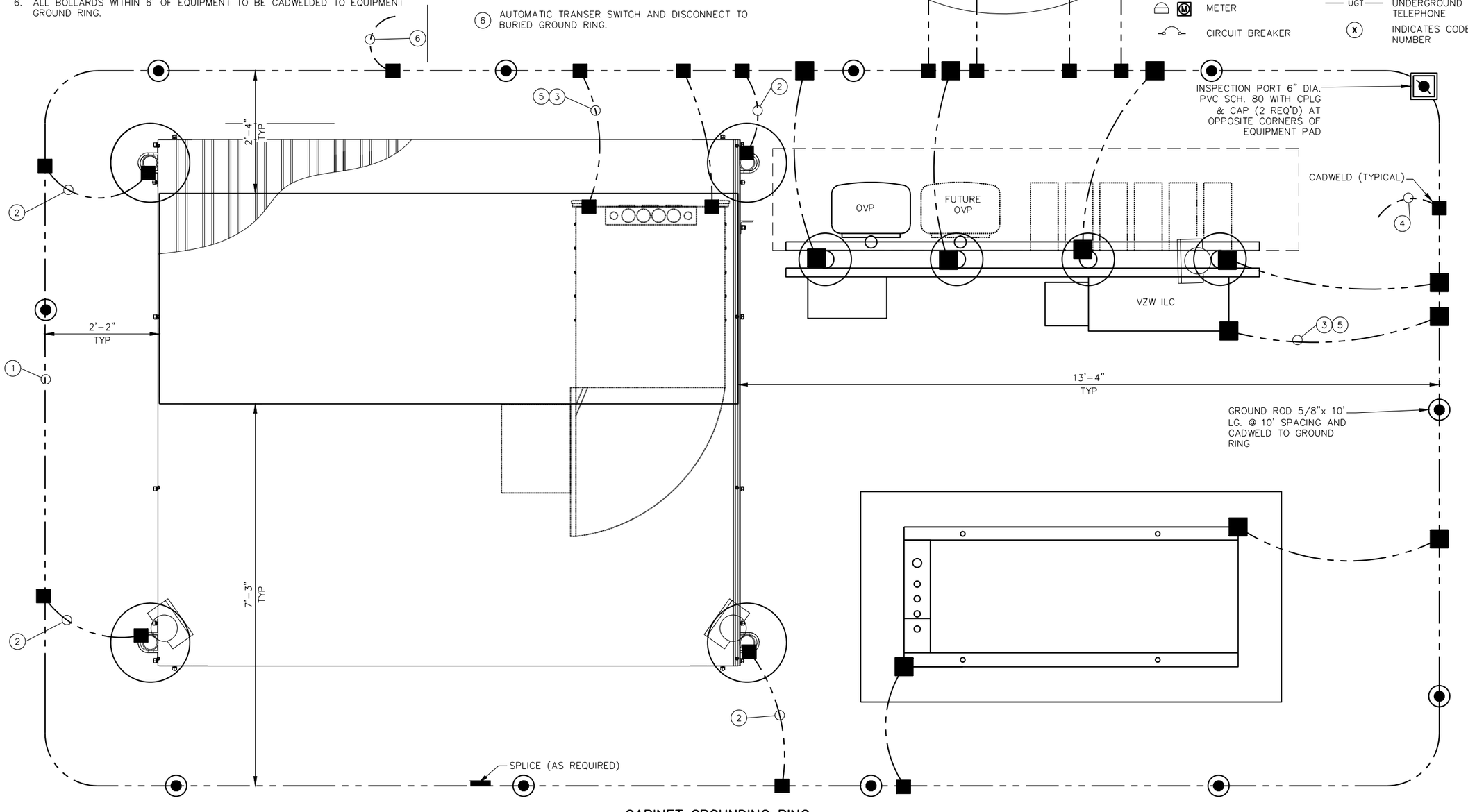

NOTE: EQUIPMENT GROUNDING TO COMPLY WITH VERIZON WIRELESS SPECIFICATIONS

CABINET GROUNDING RING PLAN

NTS

750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

verticalbridge

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REVISIONS

NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

TITLE: EQUIPMENT GROUNDING PLAN

SHEET: E-3

VB-VZW RAWLAND 09-02-2025

ELECTRICAL SPECIFICATIONS:

1. SCOPE: PROVIDE LABOR, MATERIALS AND EQUIPMENT REQUIRED TO COMPLETE THE INSTALLATION AS REQUIRED BY MANUFACTURERS.

2. CODES AND STANDARDS: INSTALLATION SHALL COMPLY WITH APPLICABLE LAWS AND ORDINANCES, UTILITY COMPANY REGULATIONS AND APPLICABLE REQUIREMENTS OF THE LATEST EDITIONS OF:
   A. NFC – NATIONAL FIRE CODES
   B. UL – UNDERWRITERS LABORATORIES
   C. NEC – NATIONAL ELECTRIC CODE
   D. NEMA – NATIONAL ELECTRICAL MANUFACTURES ASSOCIATION
   E. OSHA – OCCUPATIONAL SAFETY AND HEALTH ACT
   F. SBC – STANDARD BUILDING CODE

3. PERMITS: OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES AND INSPECTIONS AS REQUIRED.

4. COORDINATION: COORDINATE WORK WITH OTHER TRADES.

5. SUBMITTALS: SUBMIT BROCHURES FOR APPROVAL ON MAJOR SYSTEM COMPONENTS.

6. EXISTING SERVICES: DO NOT INTERRUPT EXISTING SERVICES WITHOUT WRITTEN PERMISSION OF THE OWNER.

7. EQUIPMENT: PROPERLY CONNECT ELECTRICALLY OPERATED EQUIPMENT.

8. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES AND SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DOCUMENTS WHICH SHALL BE TURNED OVER TO LESSEE UPON COMPLETION OF THE PROJECT. IF ELECTRICAL SUB–CONTRACTOR USED, THEY WILL PROVIDE "RED–LINED" MARKED UP DRAWINGS UPON COMPLETION OF THEIR WORK. ONE COPY TO GC AND ONE COPY TO IM PM/CM.

9. IDENTIFICATION: IDENTIFY SERVICE DISCONNECTING MEANS WITH PERMANENT NAME PLATE.

10. CUTTING AND PATCHING: PROVIDE CUTTING REQUIRED TO DO THE WORK. DO NOT CUT MAJOR STRUCTURAL ELEMENTS WITHOUT APPROVAL. PATCHING SHALL BE OF QUALITY EQUAL TO AND OF MATCHING APPEARANCE OF EXISTING CONSTRUCTION.

11. DITCHING AND BACKFILL: PROVIDE FOR ALL UNDERGROUND INSTALLED CONDUIT AND/OR CABLES.

12. ALL CONDUIT SHALL BE SCHEDULE 80 PVC OF GALVANIZED PIPE AS CODE REQUIRES. PLUG AND CAP EACH END OF SPARE CONDUITS. ALL CONDUITS SHALL HAVE "MULE TAPE" PULL STRAP INSTALLED INSIDE WITH MINIMUM OF 10' LEFT ON EACH END FOR PULLING. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 24" RADIUS. GRS CONDUITS, WHEN SPECIFIED, SHALL MEET UL–6 FOR GALVANIZED STEEL. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT.

13. SUPPORTS: AS REQUIRED BY THE NEC (LATEST EDITION).

14. CONDUCTORS: USE 98% CONDUCTIVITY COPPER WITH TYPE THHN/THWN OR EQUIVALENT 90°C INSULATION, 600 VOLT, COLOR CODED. USE SOLID CONDUCTORS FOR WIRE UP TO AND INCLUDING NO. 10 AWG. USE STRANDED CONDUCTORS FOR WIRE ABOVE NO. 10 AWG.

15. CONNECTORS FOR POWER CONDUCTORS: USE COMPRESSION TYPE INSULATED CONNECTORS FOR #10 AWG AND SMALLER. USE SOLDERLESS MECHANICAL TERMINAL LUGS FOR #8 AWG AND LARGER.

16. GROUNDING: MAIN GROUNDING CONDUCTORS SHALL BE A MINIMUM OF #2 AWG SOLID TINNED COPPER. GROUNDING LEADS ON ANTENNA SUPPORT STRUCTURES SHALL BE A MINIMUM OF #2 AWG SOLID BARE COPPER AND SHALL BE TINNED WHERE THEY ARE INSTALLED AGAINST THE STRUCTURE. GROUND BARS SHALL BE 1/4" THICK, 4" WIDE, LENGTH AS REQUIRED. GROUND RESISTANCE TO BE 5 OHM MAXIMUM. PROVIDE ADDITIONAL GROUNDING RODS AS REQUIRED.

17. TELEPHONE SERVICE: PROVIDE EMPTY CONDUITS WITH PULL WIRES (10' ON EACH SIDE OF CONDUIT). "MULE–TAPE" WILL BE USED IN ALL CONDUITS AS PULL STRAP. NO EXCEPTIONS.

18. SERVICE: 240/120, SINGLE PHASE, 3 WIRE, 200 AMP WITH CIRCUIT BREAKER TYPE DISCONNECT FROM THE METER CENTER.

GROUND BAR/ BAR NONE NOTES:

1. THE SIZE OF THE GROUND BARS INSTALLED ON TOWERS SHALL BE 1/4" x 4" x LENGTH AS REQUIRED. TOP OF TOWER BARS MAY BE SMALLER, BUT MUST PROVIDE FOR FULL POTENTIAL OF FUTURE CONNECTIONS.

2. THE LOWEST POINT OF THE GROUND BAR AT THE BOTTOM OF THE VERTICAL RUN SHOULD BE APPROXIMATELY ONE TO TWO FEET ABOVE THE WAVEGUIDE BRIDGE ICE SHIELD. TWO FEET IS THE MAXIMUM HEIGHT. THIS GROUND BAR SHOULD EXTEND APPROXIMATELY 6" BEYOND THE TOWER LEG TO FACILITATE WIRE ROUTING.

3. INTERMEDIATE TOWER GROUND BARS SHALL BE INSTALLED ON 75' CENTERS FROM THE CENTERLINE OF THE ANTENNAS DOWN. WHERE LESS THAN 100' FROM THE LOWEST GROUND BAR TO FINISHED GRADE EXISTS, AN ADDITIONAL INTERMEDIATE GROUND BAR IS NOT REQUIRED.

4. ALL TOWER TOP GROUND BARS SHALL BE BOLTED TO TOWER STEEL, DEPENDING ON LOCATION, WITH APPROVED GROUNDING CLAMPS. NO ANGLE ADAPTERS OR ROUND MEMBER CLAMPS ALLOWED.

5. THE BOTTOM GROUND BAR NONE ASSEMBLY SHALL BE BONDED WITH TWO NO. 2 SOLID, TINNED, COPPER WIRES TO THE TOWER GROUND RING. GROUND WIRES SHALL BE BONDED TO THE GROUND BAR NONE WITH 2–HOLE LUG CONNECTIONS AND TO THE GROUND RING WITH EXOTHERMIC WELDS. GROUND BAR NONE TO BE ISOLATED FROM THE TOWER. THE LEADS MUST RUN AS DIRECT AND STRAIGHT AS POSSIBLE IN 3/4" NON–METALLIC FLEX. SHOULD EXCESSIVE FOUNDATION HEIGHT REQUIRE GROUND BAR INSTALLATION ABOVE 10–12 FEET, THIS CONNECTION MAY BE MADE DIRECTLY TO THE TOWER. THE FIELD MANAGER MUST APPROVE THIS ALTERNATIVE.

6. THE MAIN REFERENCE GROUND BAR NONE (MRGBN) SHALL BE BONDED 2" IN FROM END MAX WITH NO. 2 SOLID, TINNED, COPPER WIRE TO THE GROUND RING SYSTEM. GROUND WIRES SHALL BE BONDED TO THE GROUND BAR WITH 2–HOLE LUG CONNECTIONS AND TO THE GROUND RING WITH EXOTHERMIC WELDS.

7. THIS GROUND BAR NONE SHALL BE MOUNTED AND SUPPORTED FROM THE CORNER CANOPY POST AND BELOW THE LOWEST SET OF TRANSMISSION LINES.

8. ALL EXTERIOR TRANSMISSION LINE GROUNDS HAVE INSULATED NO. 6 STRANDED COPPER CONDUCTORS WITH TWO HOLE COMPRESSION LUGS. GROUND CONDUCTORS MUST ALWAYS FALL DOWNWARD TO THE GROUND BAR CONNECTION.

9. IF NON–TINNED GROUND BARS ARE USED (PERMITTED INSIDE THE SHELTER ONLY), THE GROUND BARS MUST BE CLEANED TO REMOVE ANY OXIDATION, PAINT OR OTHER FOREIGN SUBSTANCES. THE POINTS OF CONNECTION MUST BE COATED WITH A CONDUCTIVE, ANTI–OXIDATION MATERIAL. AFTER THE CONNECTIONS ARE MADE, THE GROUND BARS AND THEIR TERMINATIONS SHALL BE COATED WITH AN ANTIOXIDANT MATERIAL. WIPE CLEAN ALL EXCESS.

10. TRANSMISSION LINE GROUNDS SHALL HAVE 2 INCHES OF SLACK. THEY ARE NOT TO BE INSTALLED TIGHT TO ACCOMMODATE FOR MOVEMENT. ALL GROUND WIRE SHALL HAVE A MINIMUM BENDING RADIUS OF 12".

11. ALL CONNECTIONS TO GROUND BARS OR EQUIPMENT WITH TWO–HOLE COMPRESSION LUGS. GROUNDING CONNECTORS SHALL BE COPPER. NUTS, BOLTS, AND WASHERS SHALL BE STAINLESS STEEL.

12. ALL EXTERNAL GROUND BARS ARE TO BE TINNED. TOWER GROUND BARS SHALL BE NON–ISOLATED AND BOLTED DIRECTLY TO TOWER STEEL.

UTILITY COORDINATION NOTES:

TELCO

1. TELCO SERVICE PROVIDER (TSP) SHALL BE RESPONSIBLE TO FURNISH AND INSTALL THE TELCO DEMARC, AS AGREED TO DURING THE FIBER OPTIC WALK HELD BETWEEN TSP AND VERIZON. SEE TELCO DEMARC DATA ON PAGE TD–1 OF THESE DRAWINGS.

2. GENERAL CONTRACTOR (GC) TO FURNISH, INSTALL, TEST AND REPAIR TELCO SERVICE EQUIPMENT AS IS REQUIRED BY THE PROJECT AND SHOW ON THE TELCO DEMARC DATA PAGE TD–1. THIS MAY INCLUDE BUT NOT LIMITED TO SUCH ITEMS AS HANDHOLES, PULL BOXES,CONDUIT, HOFFMAN BOXES, TELCO JUNCTION BOXES, OUTSIDE RATED FIBER OPTIC JUMPERS, DUAL 48 VOLT DC POWER CIRCUITS RATED AT 5A, 10A, OR AS REQUIRED BY TSP DURING FIBER OPTIC WALK. ALL CONDUITS SHALL HAVE "MULE TAPE" PULL STRAP INSIDE THEM WITH A MINIMUM OF 10' EXTRA FOR PULL ASSIST ON BOTH ENDS.

ELECTRIC

1. GC WILL FURNISH AND INSTALL 200 AMP CIRCUIT BREAKER TYPE DISCONNECT, ALL ASSOCIATED CONDUIT (SCH 80 OR GALV PIPE) AS REQUIRED BY CODE, APPROPRIATE SIZED WIRING PER LOCAL UTILITY AND THE UTILITY FURNISHED METER PAN.

2. GC TO ESTABLISH ELECTRIC SERVICE ACCOUNT WITHIN 48 HOURS OF RECEIVING VZW PURCHASE ORDER. GC TO PICK UP THE METER PAN WHEN APPLYING FOR THE ELECTRIC SERVICE PERMIT.

3. GC TO INSTALL ELECTRIC SERVICE FROM THE UTILITY SERVICE DEMARC (EITHER THE H–FRAME OR UTILITY POLE AS AGREED TO WITH UTILITY). THIS SERVICE SHALL TERMINATE IN EITHER THE CABINET MOUNTED ILC OR THE SHELTER'S ELECTRIC POWER TERMINATION POINT.

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REVIEW COPY

SITE NAME:	KEWANEE
LOCATION CODE:	US–MS–5371
SITE ADDRESS:	KEWANEE RD TOOMSUBA, MS, 39364
AREA:	LEASE AREA = 6400 SF
PROPERTY OWNER:	SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364
TAX MAP #:	PARCEL NUMBER: 158270000000001900
SOURCE OF TITLE:	DEED BOOK – PAGE –
LATITUDE:	32° 25' 3.58"
LONGITUDE:	W 88° 26' 31.77"

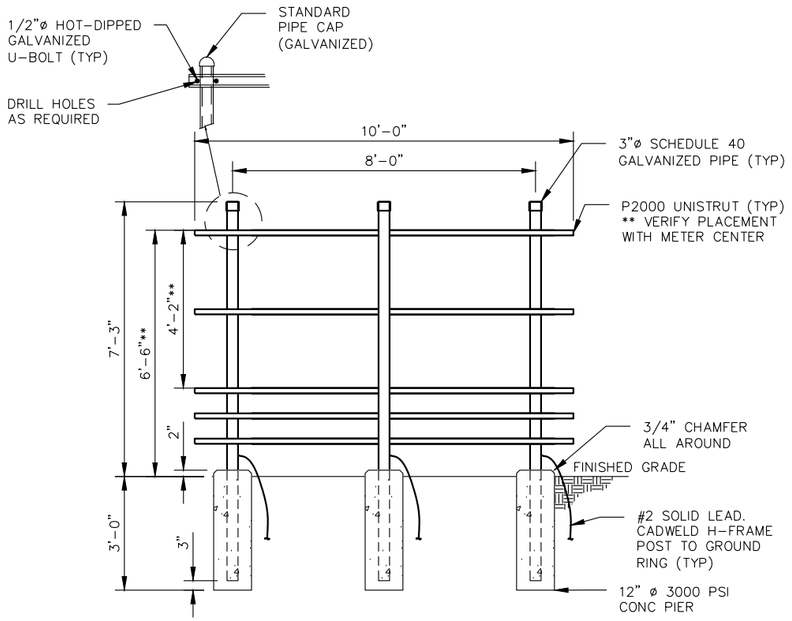
REVISIONS

NO.	DESCRIPTION	DATE	CHK
A	PRELIMS	10/28/25	JTL
BY			
JTL			

TITLE: ELECTRICAL AND GROUND NOTES

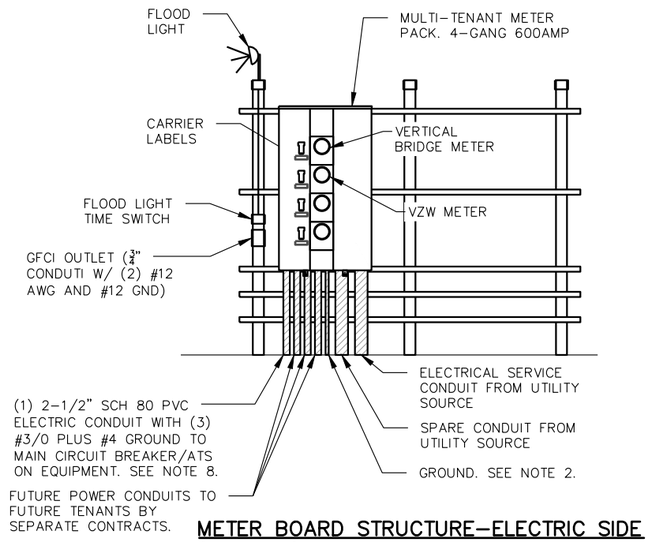
SHEET: E–4

VB–VZW RAWLAND 09–02–2025



10' H-FRAME DETAIL

NTS

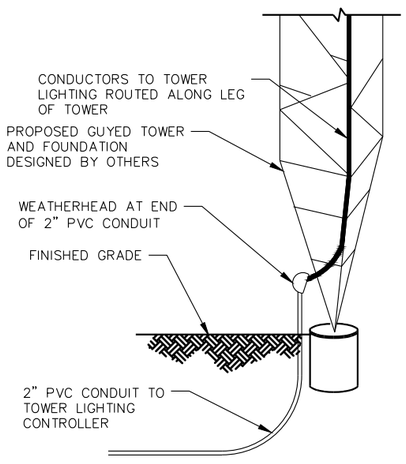


METER BOARD STRUCTURE-ELECTRIC SIDE (4-GANG)

NTS

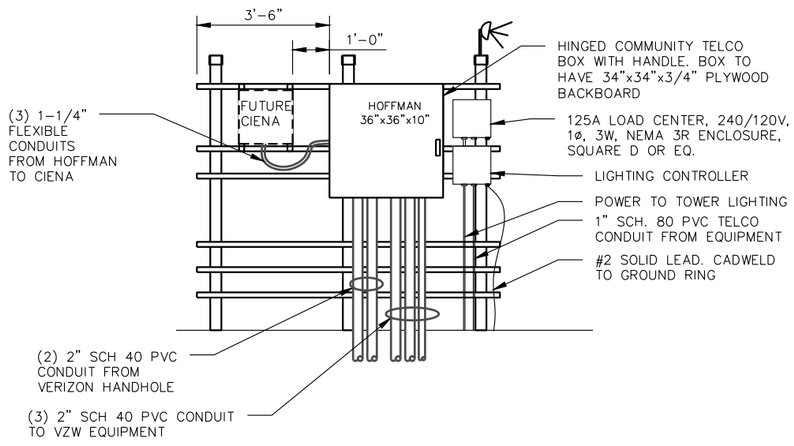
NOTES:

1. ELECTRICAL SERVICE SHALL BE RATED 600A, 240/120V, 1ø, 3W. COORDINATE METER CENTER ACCEPTABILITY W/ LOCAL UTILITY COMPANY PRIOR TO ORDERING AND INSTALLATION.
2. CONNECT NEUTRAL TERMINAL IN DISCONNECTING DEVICE TO GROUNDING ELECTRODE. (#6 AWG GROUNDING ELECTRODE IN 3/4" PVC CONDUIT)
3. PROVIDE GROUNDING ELECTRODE AND CONNECT TO METER AND SERVICE DISCONNECT PER NEC AND PER UTILITY COMPANY SPECIFICATIONS.
4. REFER TO ELECTRICAL SITE PLAN FOR CONDUIT AND WIRE REQUIREMENTS.
5. ALL EQUIPMENT SHALL BE GROUNDED PER LATEST EDITION OF NEC AND AS INDICATED ON GROUNDING PLAN
6. ELECTRICAL EQUIPMENT SHALL HAVE MIN 3'-0" CLEARANCE FROM ANY STRUCTURE AND AS REQUIRED BY LOCAL UTILITY COMPANIES.
7. #2 AWG BARE SOLID TINNED COPPER WIRE BONDED TO GROUNDING SYSTEM (TYP)
8. ALL CONDUITS TO BE SCH. 40 OR GREATER PVC BELOW GRADE. ALL CONDUITS TO HAVE RIGID GALVANIZED STEEL (RGS) SWEEPS AND RISERS.
9. LABEL ALL EQUIPMENT / BOXES ON H-FRAME WITH UV RATED LABELS.
10. ALL CONDUITS ARE REQUIRED TO BE STRAPPED TO THE UNISTRUT ON THE H-FRAME.
11. USE NON-FUSED BREAKER FOR DISCONNECT IF ALLOWED BY CODE.



TOWER LIGHTING CONDUIT AT TOWER DETAIL

NTS



WHEN REQUIRED
METERBOARD STRUCTURE - COMPOUND SIDE

NTS

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SOURCE OF TITLE:	DEED BOOK - PAGE -
LATITUDE:	32° 25' 3.58"
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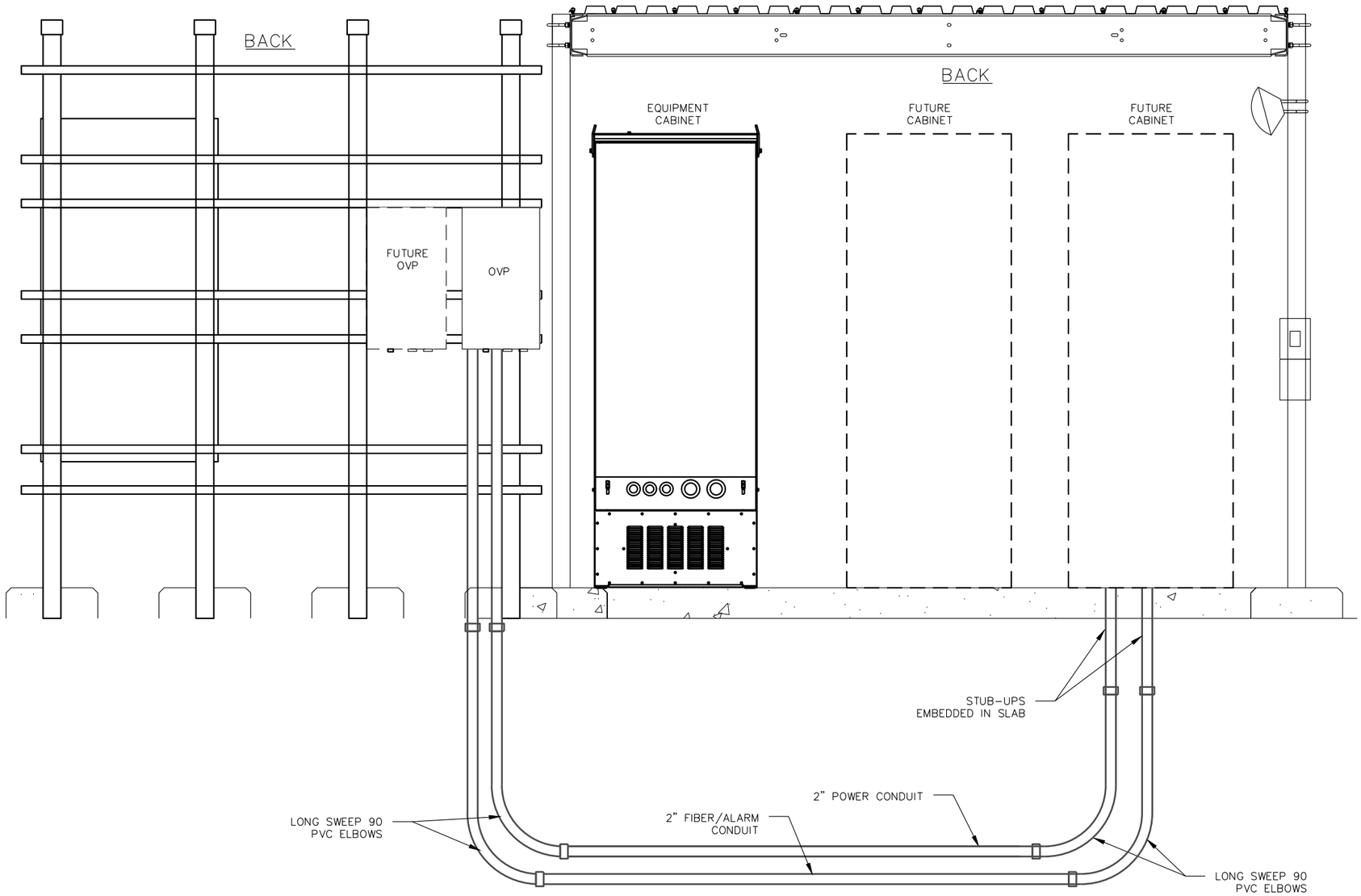
REVISIONS

NO.	BY	DESCRIPTION	DATE	CHK
A	JTL	PRELIMS	10/28/25	JTL

TITLE: UTILITY H-FRAME ELECTRIC

SHEET: E-5

VB-VZW RAWLAND 09-02-2025



OVP CONDUIT DETAIL

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A	PRELIMS	JTL	10/28/25	JTL

TITLE: VZW OUTDOOR OVP CUT SHEET

SHEET: E-5A

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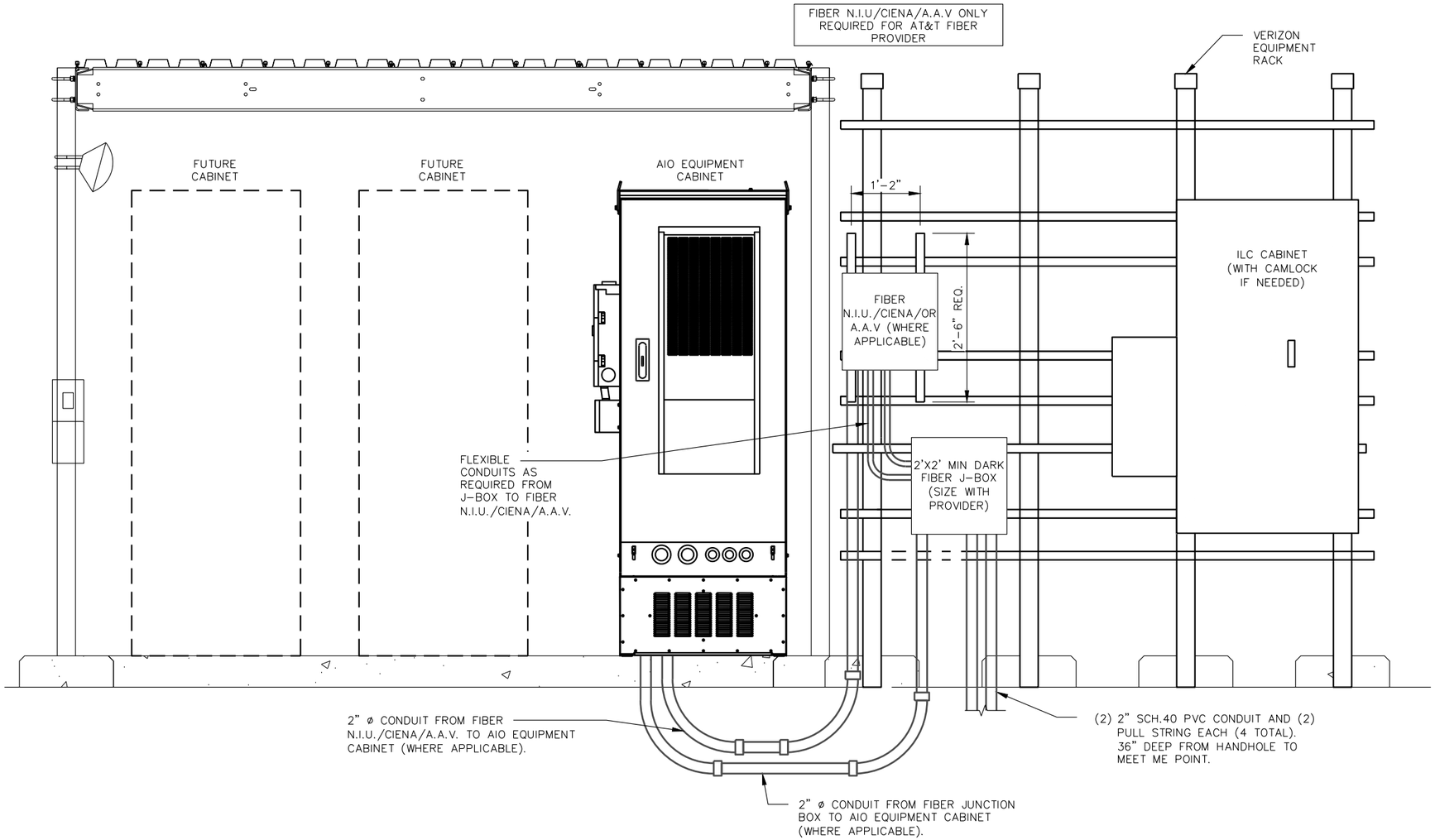

TELCO RISER DIAGRAM

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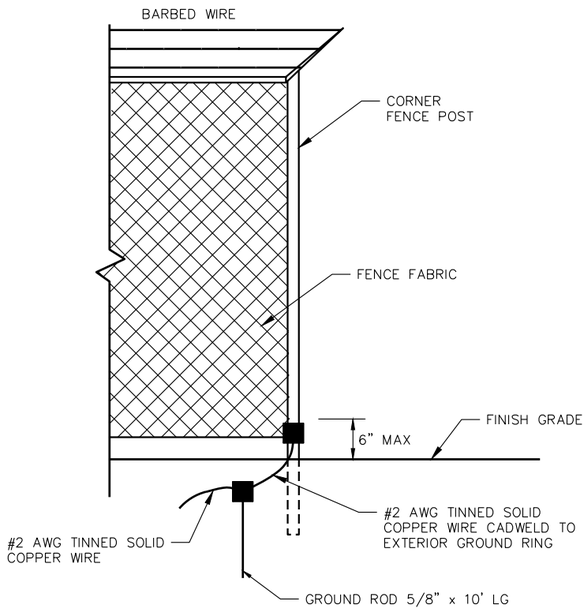
NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

TITLE: TELCO RISER DIAGRAM

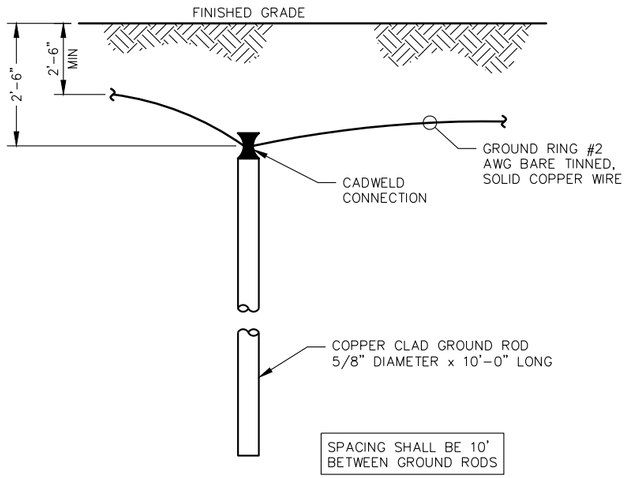
SHEET: E-5B

VB-VZW RAWLAND 09-02-2025



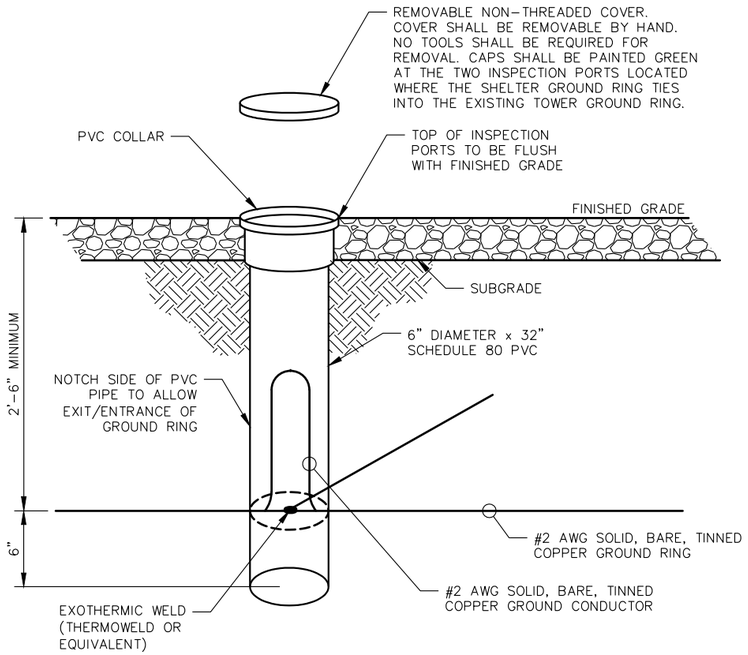
FENCE GROUNDING DETAIL

NTS



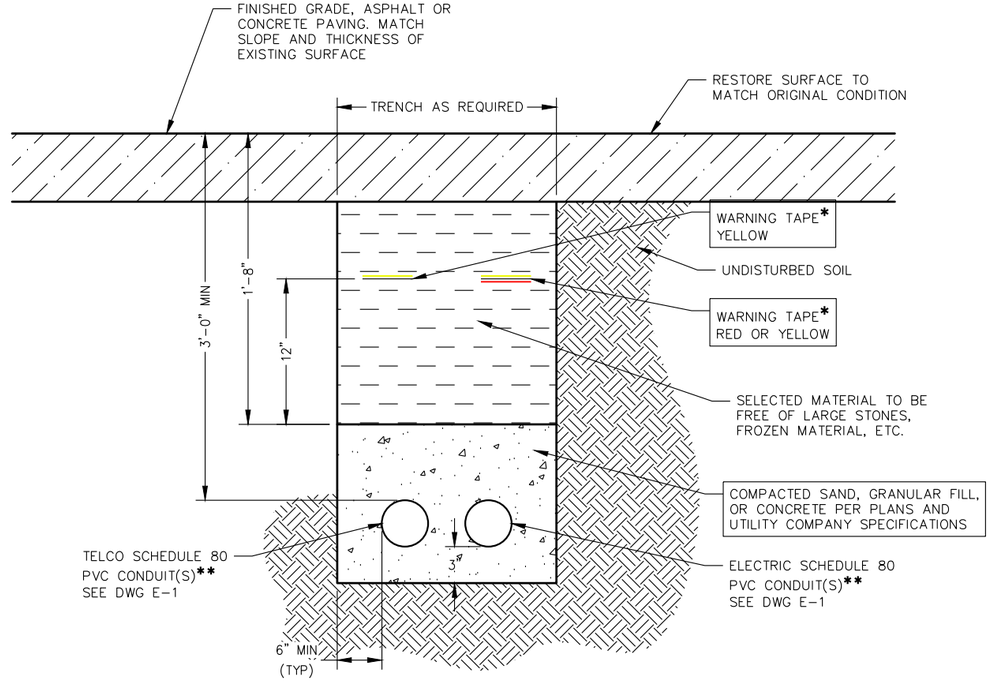
GROUND ROD

NTS



PRIMARY BOND WITH INSPECTION SLEEVE

NTS



ELECTRIC/TELEPHONE TRENCH

NTS

POWER AND FIBER CAN BE IN SAME TRENCH AS LONG AS THEY ARE SEPARATED BY A MINIMUM OF 12". THIS WILL REQUIRE BOTH TYPES OF CONDUITS TO BE SAFETY MARKED. TRACER WIRE REQUIRED OVER FIBER CONDUIT WITHIN 12" OF TOP.

**SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS, SIZE AS REQUIRED.

*WARNING TAPE PER CURRENT NEC. RED OR YELLOW TAPE ABOVE ELECTRIC CONDUIT TO READ: "CAUTION-ELECTRICAL CABLE BELOW". YELLOW TAPE ABOVE FIBER TO INCLUDE TRACER WIRE AND READ: "CAUTION-BURIED FIBER OPTIC CABLE"

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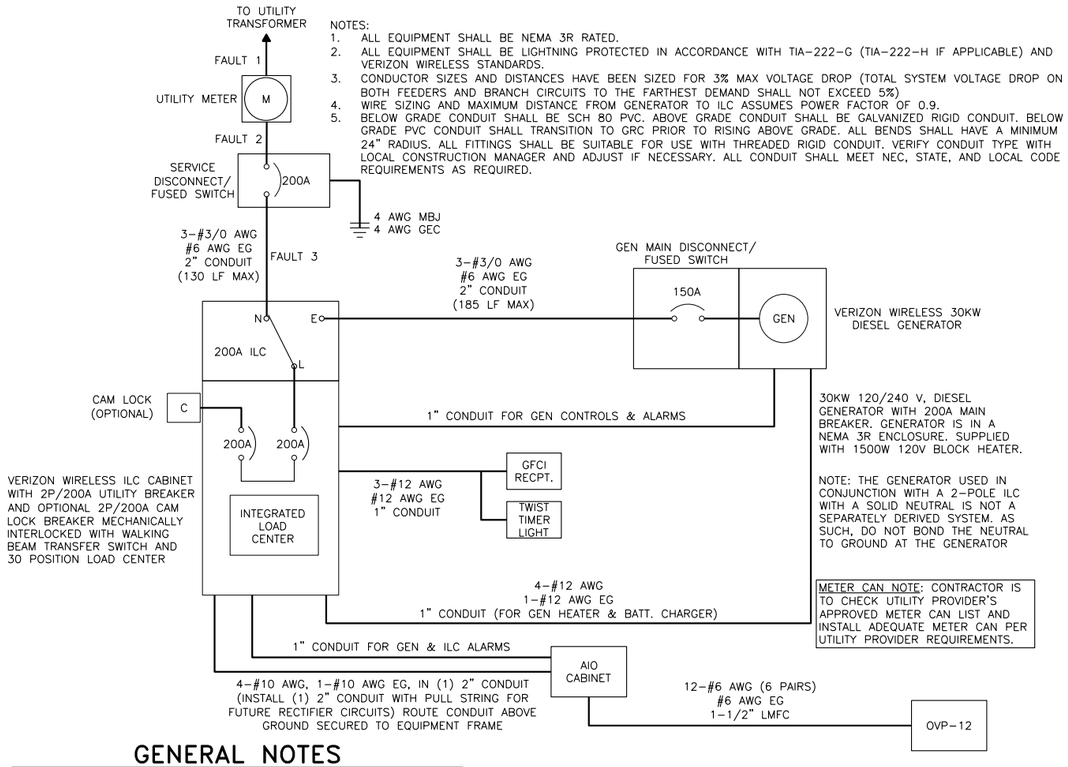
A	PRELIMS	10/28/25	JTL
	BY		
	JTL		

TITLE: ELECTRICAL DETAILS

SHEET: E-6

VB-VZW RAWLAND 09-02-2025



NOTES:
1. ALL EQUIPMENT SHALL BE NEMA 3R RATED.
2. ALL EQUIPMENT SHALL BE LIGHTNING PROTECTED IN ACCORDANCE WITH TIA-222-G (TIA-222-H IF APPLICABLE) 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 SCH 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.

PANEL NAME:	VZW ILC			MODEL NUMBER:	ASCO D300L SERIES								
RATED VOLTAGE	240	120	VOLTS	PHASE/WIRE:	1	3							
MAIN BREAKER:	200	AMPS		BUS RATING:	200			KEY DOOR LATCH:	YES				
MOUNT:	SURFACE			NEUTRAL BAR:	YES			HINGED DOOR:	YES				
ENCLOSURE TYPE:	NEMA 3R			AIC:	65K								

POS	USAGE FACTOR	BUS AMPS L1	BUS AMPS L2	LOAD	POLES	AMPS		AMPS	POLES	LOAD	BUS AMPS L1	BUS AMPS L2	USAGE FACTOR	POS
1	1	7		RECTIFIER (1) NE075AC48ATEZ	2	30A		30A	2	RECTIFIER (1) NE075AC48ATEZ	7		1	2
3	1		7									7	1	4
5	1	7		RECTIFIER (1) NE075AC48ATEZ	2	30A		30A	2	RECTIFIER (1) NE075AC48ATEZ	7		1	6
7	1		7									7	1	8
9	1.25	10		GFI RECEPT./TWIST TIMER LIGHT	1	20A								10
11	1		16	BLOCK HEATER	1									12
13	1	14		BATT. CHARGER										14
15														16
17														18
19														20
21														22
23														24
25														26
27														28
29														30
		40.5	30	:SUB TOTAL AMPS						SUB TOTAL AMPS:	14	14		
										FACTORED TOTAL AMPS:	54.5	44		

NOTES:
1. ALL CONDUCTORS ARE TYPE THWN (75°C) COPPER.
2. MAXIMUM LENGTH OF RUN FOR RECTIFIER CIRCUITS IS 50FT.
3. ASCO INTEGRATED LOAD CENTER INCLUDES 200 AMP MAIN DISCONNECT AND TRANSFER SWITCH FOR PORTABLE OR PERMANENT GENERATOR
4. RECTIFIER LOADS ARE CONSIDERED TO BE NON-CONTINUOUS
5. IF ADDITIONAL FUTURE LOADS ARE ADDED WHICH CAUSES TOTAL DEMAND TO EXCEED GENERATOR BREAKER SIZE, BACKUP POWER SYSTEM SHALL BE ESCALATED AND UPGRADE AS NECESSARY.

PANEL SCHEDULE "A"

SCALE: N.T.S.

LOAD CALCULATION	
LOAD	AMPS
PROPOSED LOAD:	200.0
TOTAL DEMAND	98.5
VOLTAGE: 120/240V SINGLE PHASE 3W 200A	

GENERAL NOTES

1. ALL WORKS AND MATERIALS SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (EDITION ENFORCED BY LOCAL AUTHORITY), AND ALL APPLICABLE STATE AND LOCAL LAWS AND REGULATIONS. NOTHING IN THESE PLANS OR SPECIFICATIONS SHALL BE CONSTRUCTED AS TO PERMIT WORK NOT CONFIRMING TO THE MOST STRINGENT OF THESE CODES. SHOULD CHANGES BE NECESSARY FOR THE DRAWINGS OR SPECIFICATIONS TO MAKE THE WORK COMPLY WITH THESE REQUIREMENTS, THE CONTRACTOR SHALL IMMEDIATELY (SPECIFICALLY BEFORE BIDDING SUBMITTAL) NOTIFY THE ENGINEER IN WRITING AND CEASE WORK ON PARTS OF THE CONTRACT WHICH ARE AFFECTED.
2. THE CONTRACTOR SHALL MAKE A SITE VISITATION PRIOR TO BIDDING AND CONSTRUCTION TO VERIFY ALL EXISTING CONDITIONS AND SHOULD NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES. THE CONTRACTOR ASSUMES ALL LIABILITY FOR FAILURE TO COMPLY WITH THIS PROVISION.
3. THE EXTENT OF THE WORK IS INDICATED BY THE DRAWINGS, SCHEDULES, AND THIS SPECIFICATION AND IS SUBJECT TO THE TERMS AND CONDITIONS OF THE CONTRACT. THE WORK SHALL CONSIST OF FURNISHING ALL LABOR, EQUIPMENT, MATERIALS, AND SUPPLIES NECESSARY FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. INCLUDING WORK NOT SPECIFICALLY MENTIONED OR SHOWN ON THE CONTRACT DOCUMENTS BUT ARE NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.
4. THE DRAWINGS INDICATE DIAGRAMMATICALLY OF THE DESIRED LOCATIONS OR ARRANGEMENTS OF THE CONDUIT RUNS, OUTLETS, EQUIPMENT, ETC. AND SHALL BE FOLLOWED IN EXECUTING THE WORK SO AS TO SECURE THE BEST POSSIBLE INSTALLATION IN THE AVAILABLE SPACE LIMITATIONS.
5. FEEDER AND BRANCH CIRCUITS SHALL RUN IN EMT FOR INDOOR PROTECTED LOCATIONS ONLY. FEEDER AND BRANCH CIRCUITS RUN IN NONMETALLIC CONDUIT SHALL INCLUDE A CODE SIZED EQUIPMENT GROUNDING CONDUCTOR HAVING GREEN INSULATION. THE EQUIPMENT GROUND CONNECTOR SHALL BE PROPERLY CONNECTED TO MAINTAIN ELECTRICAL CONTINUITY.
6. WIRING SHALL BE TYPE THWN-2.
7. ALL DIRECT BURIED GROUNDING CONDUCTORS SHALL BE #2 SOLID, BARE TINNED COPPER.
8. ALL NON-DIRECT BURIED TELEPHONE EQUIPMENT GROUNDING CONDUCTORS SHALL BE #2 STRANDED, THWN (GREEN)
9. ALL TELEPHONE EQUIPMENT GROUNDING CONNECTIONS AND SPLICES SHALL BE MADE WITH BURNDY "HY-GROUND" CONNECTORS EXCEPT WHERE NOTED OTHERWISE.
10. PAINT AT ALL GROUND CONNECTIONS SHALL BE REMOVED.
11. CONTRACTOR SHALL CHECK RESISTANCE BETWEEN GROUNDING (ELECTRODES AND COLD WATER PIPING) AND TELEPHONE EQUIPMENT. MAXIMUM RESISTANCE SHALL NOT EXCEED 3 OHMS.
12. UTILITY SERVICE REQUIREMENTS ARE SHOWN ON THE DRAWINGS BASED ON INFORMATION AVAILABLE AT THE TIME AND ARE NOT GUARANTEED.
13. DISCONNECTS SHALL BE HEAVY DUTY - MIN. 10,000 AIC RATING. ACCEPTABLE MANUFACTURERS: G.E., SQUARE D, WESCO/CUTLER HAMMER OR SIEMENS.
14. PVC SCHEDULE 40 MAY BE USED AS PERMITTED BY CODE IN LIEU OF RIGID STEEL CONDUIT FOR UNDERGROUND APPLICATIONS ONLY. INSTALL A CODE SIZED INSULATED BONDED EQUIPMENT GROUND CONDUCTOR (GREEN). USE RIGID STEEL 90° ELBOWS.
15. REFER TO GROUNDING NOTES ON SHEET E-3. CONTRACTOR MUST REVIEW EQUIPMENT GROUNDING GUIDELINE FOR CELLULAR RADIO INSTALLATIONS AND CONFORM TO RECOMMENDATIONS THEREIN.
16. ELECTRICAL EQUIPMENT, CIRCUIT PROTECTIVE DEVICES, BUSSING AND SWITCHES SHALL BE RATED TO INTERRUPT OR WITHSTAND SHORT CIRCUIT FAULTS GREATER THAN THE AVAILABLE FAULT CURRENT.

ELECTRICAL NOTES

1. CONTRACTOR SHALL REMOVE ALL TEMPORARY GROUNDING PROVIDED DURING TOWER INSTALLATION AND REPLACE WITH PERMANENT GROUNDING PER THE GROUNDING PLAN AND DETAILS.
2. CONTRACTOR SHALL PROVIDE ALL TEMPORARY POWER ON JOB SITE INCLUDING SERVICE POLE, ENTRY CONDUCTORS, METER, AND DISCONNECTS AS REQUIRED. IF POWER COMPANY TEMPORARY SERVICE IS NOT AVAILABLE, CONTRACTOR SHALL PROVIDE A 10KW MIN. SIZE GENERATOR TO SUPPLY DEMAND.
3. ALL ELECTRICAL WIRING SHALL, INCLUDE EQUIPMENT AND CONDUIT BONDING, BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL OTHER CODES HAVING JURISDICTION.
4. ALL WIRE IN ALL SERVICE AREAS SHALL BE TYPE THWN-2 COPPER, MINIMUM SIZE #12 AWG. EXCEPT CONTROL WIRING. ALL WIRE UNDERGROUND AND IN WET SERVICE AREAS SHALL BE TYPE THWN-2 COPPER, MINIMUM SIZE #12 AWG. EXCEPT CONTROL WIRING.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE DROP POLES SET WITH LOCAL UTILITY COMPANY.
6. CONTRACTOR SHALL FILL TRENCH EXCAVATIONS AS NOTED. EXTERIOR CONDUIT TO BE RGS AT 18" BELOW GRADE EXCEPT IN AREAS OF VEHICLE TRAFFIC WHERE IT SHALL BE 24" BELOW GRADE.
7. INSTALL PULL BOXES AS REQUIRED BY N.E.C.

750 PARK OF COMMERCE DRIVE
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PHONE (561) 948-6367
verticalbridge

LASHBROOK

PREPARED BY:
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CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-5923

REVIEW COPY

SITE NAME: KEWANEE

LOCATION CODE: US-MS-5371

SITE ADDRESS: KEWANEE RD TOOMSUBA, MS, 39364

AREA: LEASE AREA = 6400 SF

PROPERTY OWNER: SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364

TAX MAP #:

PARCEL NUMBER: 1-58270000000001900

SOURCE OF TITLE: DEED BOOK - PAGE -

LATITUDE: 32° 25' 3.58"

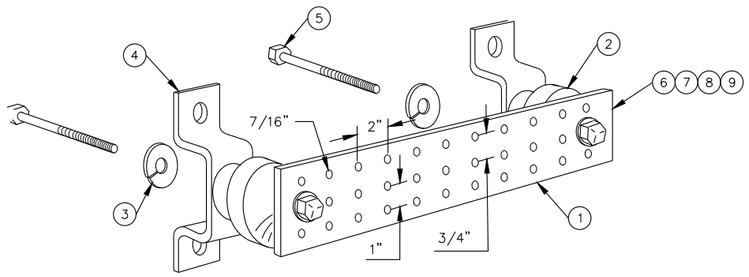
LONGITUDE: W 88° 26' 31.77"

REVISIONS												
NO.	BY	DESCRIPTION	DATE	CHK								
A	JTL	PRELIMS	10/28/25	JTL								

TITLE: ELECTRICAL DETAILS

SHEET: E-6A

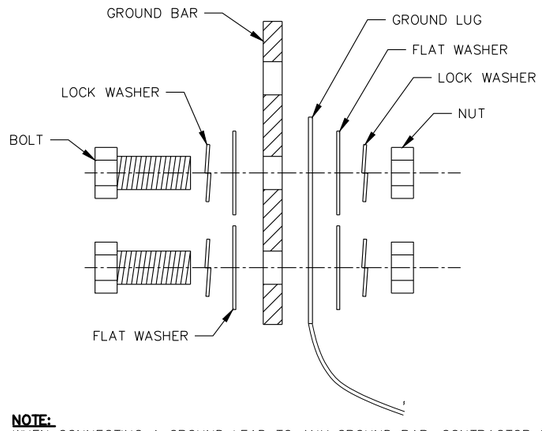
VB-VZW RAWLAND 09-02-2025



LEGEND:

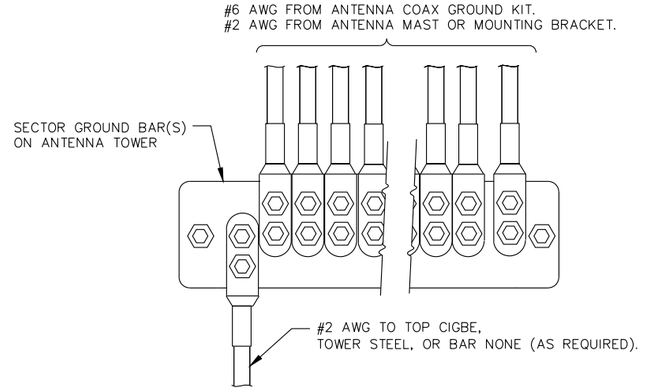
1. TIN COATED COPPER GROUND BAR, 1/4" x 2" x 20" MINIMUM, NEWTON INSTRUMENT CO. HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION.
2. INSULATORS, NEWTON INSTRUMENT CO. CAT. NO. 3061-4
3. 5/8" LOCKWASHERS, NEWTON INSTRUMENT CO. CAT NO. 3015-8
4. WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO. CAT. NO. A-6056
5. 5/8-11 x 1" H.H.C.S. BOLTS, NEWTON INSTRUMENT CO. CAT. NO 3012-1
6. GROUND BAR SHALL BE SIZED TO ACCOMMODATE ALL GROUNDING CONNECTIONS REQUIRED PLUS PROVIDE 50% SPARE CAPACITY.
7. ANTI-OXIDATION COMPOUND (KOPR-SHIELD OR EQUAL) TO EXPOSED AREA GROUND BAR BEFORE MATING.
8. ALL HARDWARE SHALL BE 18-8 STAINLESS STEEL INCLUDING WASHERS.
9. DO NOT DRILL OR RE-DRILL HOLES IN TINNED COPPER GROUND BAR.

1 / E-7 ANTENNA & TOWER TOP – GROUND BAR
NTS



NOTE:
WHEN CONNECTING A GROUND LEAD TO ANY GROUND BAR, CONTRACTOR SHALL FOLLOW THIS SEQUENCE: BOLT HEAD, LOCK WASHER, FLAT WASHER, GROUND BAR, GROUND LUG, FLAT WASHER, LOCK WASHER, AND THE NUT. CONTRACTOR SHALL NOT PLACE LOCK WASHER NEXT TO ANY TINNED SURFACE.

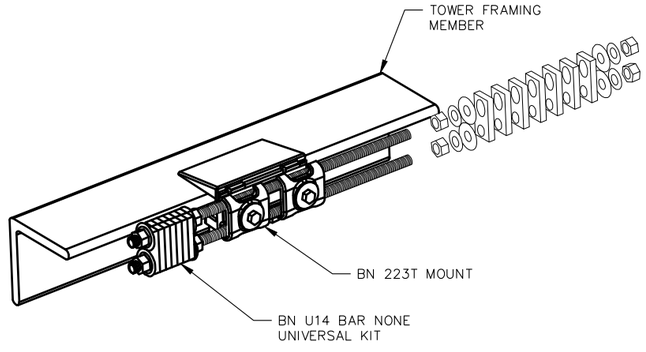
2 / E-7 GROUND BAR CONNECTION DETAIL
NTS



NOTE:

1. TIN COATED COPPER GROUND BAR 1/4" x 4" x LENGTH AS REQUIRED TO ACCOMMODATE INSTALLED ANTENNA, PLUS 50% SPARE CAPACITY, NEWTON INSTRUMENT CO. OR EQUIVALENT. 2-HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION.
2. SIMILAR INSTALLATION FOR TOP TOWER GROUND BARS AND FOR COAX ENTRY PORT GROUND BARS.

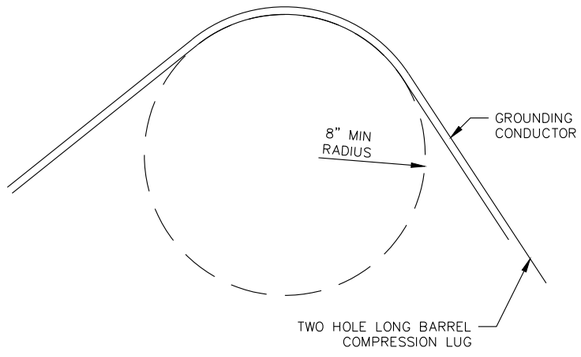
3 / E-7 GROUND WIRE INSTALLATION TO GROUND BAR
NTS



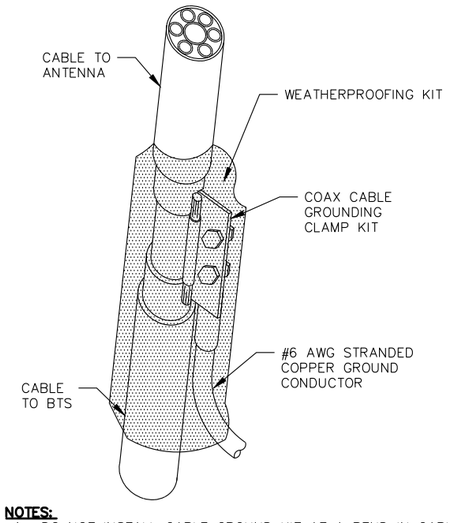
4 / E-7 TOWER BOTTOM – BAR NONE UNIVERSAL KIT
NTS

NOTES:

1. CLEAN SURFACES TO BE WELDED OF ALL PAINT, DIRT, MOISTURE, CORROSION AND OTHER FOREIGN MATTER.
2. MAKE APPROPRIATE WELDED CONNECTION (REFER TO DETAILS). USE MANUFACTURER'S WRITTEN RECOMMENDATIONS.
3. IF WELDED MATERIALS HAVE A GALVANIZED FINISH, APPLY A PROTECTIVE COLD GALVANIZE COATING.



5 / E-7 MINIMUM GROUNDING CONDUCTOR RADIUS
NTS



NOTES:

1. DO NOT INSTALL CABLE GROUND KIT AT A BEND IN CABLE.
2. ALWAYS DIRECT GROUND WIRE DOWN TO GROUND BAR.
3. 2 1/2" DIAMETER MAX FOR TX/RX ANTENNA CABLES.
4. 1 1/4" DIAMETER MAX FOR GPS ANTENNA CABLES.

6 / E-7 COAX CABLE GROUND
NTS

750 PARK OF COMMERCE DRIVE
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REVIEW COPY

SITE NAME:	KEWANEE
LOCATION CODE:	US-MS-5371
SITE ADDRESS:	KEWANEE RD TOOMSUBA, MS, 39364
AREA:	LEASE AREA = 6400 SF
PROPERTY OWNER:	SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364
TAX MAP #:	PARCEL NUMBER: 1-58270000000001900
SOURCE OF TITLE:	DEED BOOK – PAGE –
LATITUDE:	32° 25' 3.58"
LONGITUDE:	W 88° 26' 31.77"

REVISIONS

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A	JTL	PRELIMS	10/28/25	JTL

TITLE: GROUNDING DETAILS

SHEET: E-7

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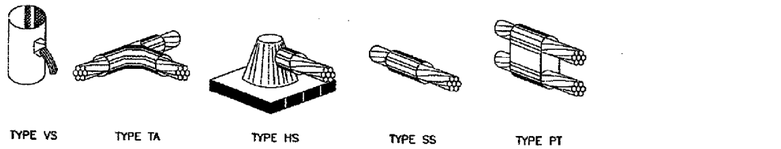
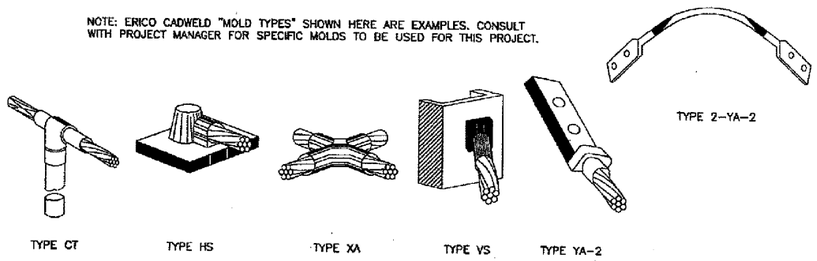
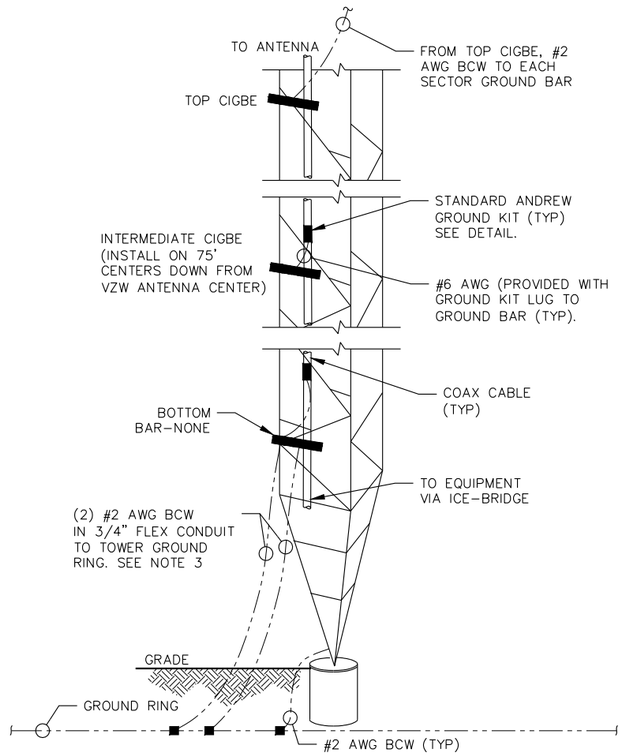


NOTE: ERICO CADWELD "MOLD TYPES" SHOWN HERE ARE EXAMPLES. CONSULT WITH PROJECT MANAGER FOR SPECIFIC MOLDS TO BE USED FOR THIS PROJECT.

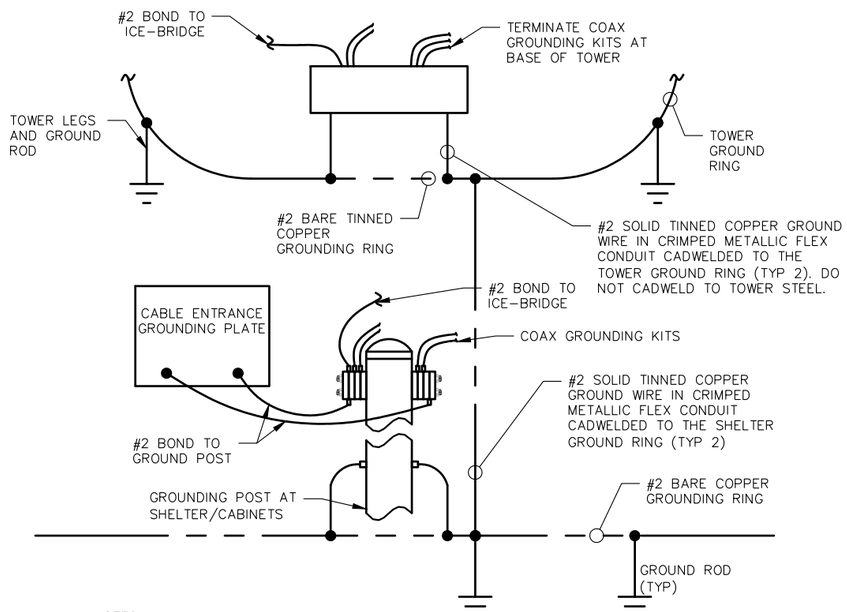


3 / E-8 EXOTHERMIC WELD DETAILS
SCHEMATIC



NOTES:
1. NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATIONS AND CONNECTION ORIENTATION. PROVIDE AS REQUIRED.
2. SEPARATE GROUND BAR TO BE USED FOR GPS ANTENNA IF REQUIRED.
3. CADWELD TO EXISTING GROUND RING WHERE POSSIBLE OR CONNECT TO MIGBE.
4. INSTALL INTERMEDIATE CIGBE GROUND BARS ON 75' CENTERS DOWN FROM VERIZON ANTENNA CENTER. MOUNT GROUND BARS DIRECTLY TO AND BOND DIRECTLY TO TOWER STEEL.

1 / E-8 ANTENNA CABLE GROUNDING – GUYED TOWER
NTS



NOTES:
BOND BAR-NONE GROUND POSTS TO THE TOWER GROUND RING. DOWN LEADS SHOULD BE BONDED TO THE GROUND POSTS BELOW GRADE PER MANUFACTURER'S RECOMMENDATIONS. ALL #2 AWG BARE COPPER WIRE GROUND LEADS ABOVE GRADE (EXCLUDING THOSE HIGHER UP ON THE TOWER) ARE TO BE INCASED IN METALLIC FLEX CONDUIT. CRIMP CONDUIT EVERY 6 INCHES AS NECESSARY TO SECURE AND CONCEAL COPPER GROUND LEADS.

2 / E-8 GROUNDING SYSTEM RISER
SCHEMATIC

verticalbridge
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BOCA RATON, FL 33487
PHONE (561) 948-6367

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PROPERTY OWNER:
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38 KEWANEE RD SOUTH
TOOMSUBA, MS 39364

TAX MAP #: | PARCEL NUMBER: 1-58270000000001900

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A	PRELIMS	JTL	10/28/25	JTL

TITLE: GROUNDING DETAILS

SHEET: E-8

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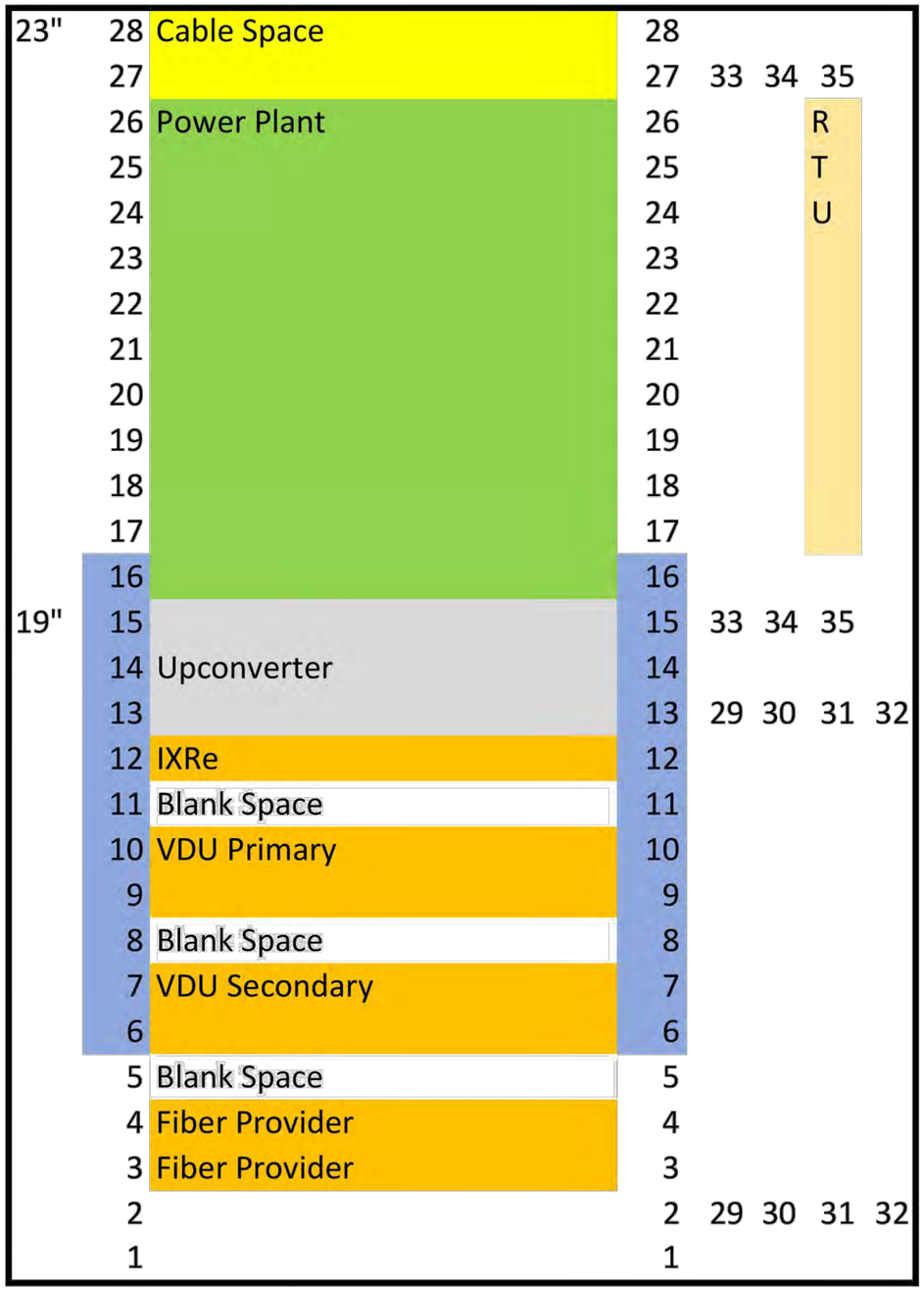
Charles 7' AIO Cabinet

CUBE-SS4C228BN3

AIO Layout with Commscope or Raycap Upconverter



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verticalbridge

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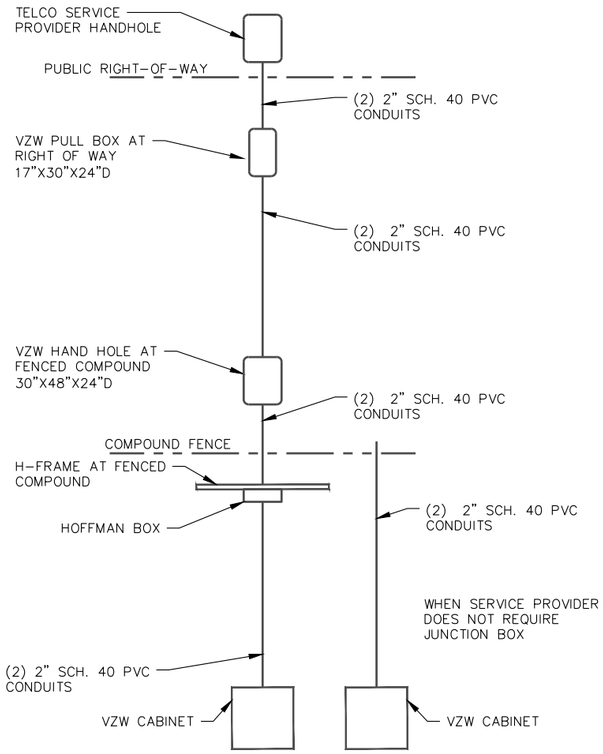
REVISIONS

NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

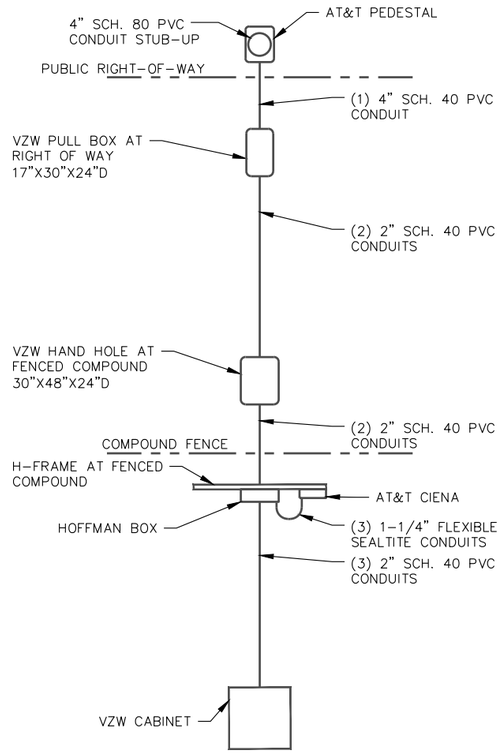
TITLE:
AIO CABINET LAYOUT DETAILS

SHEET:
E-9

VB-VZW RAWLAND 09-02-2025



OTHER TELCO SERVICE PROVIDER REQUIREMENTS



AT&T TELCO REQUIREMENTS

NOTE: CONDUIT OVER TRAFFIC TO USE 2" SCH 80. MAXIMUM 500' BETWEEN PULL BOXES. ADD PULL BOXES AS REQUIRED FOR TURNS.

TELCO ONE LINE DIAGRAM (RIGHT-OF-WAY TO VZW EQUIPMENT)

NTS

verticalbridge
750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

LASHBROOK
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A	PRELIMS	JTL	10/28/25	JTL

TITLE: TELCO ONE-LINE DIAGRAM

SHEET: TD-1

VB-VZW RAWLAND 09-02-2025

FIBER OPTIC MARKER POST

REQUIRED AT HAND HOLE
OR PULL BOX OUTSIDE OF
COMPOUND

FIBER OPTIC MARKER TAPE

TO BE 18" ABOVE THE
FIBER CONDUIT

FIBER OPTIC MARKER SIGN

(2) SIGNS TO BE POSTED ON
FENCE INSIDE COMPOUND
ALONG THE FIBER PATH

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750 PARK OF
COMMERCE DRIVE
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REVISIONS

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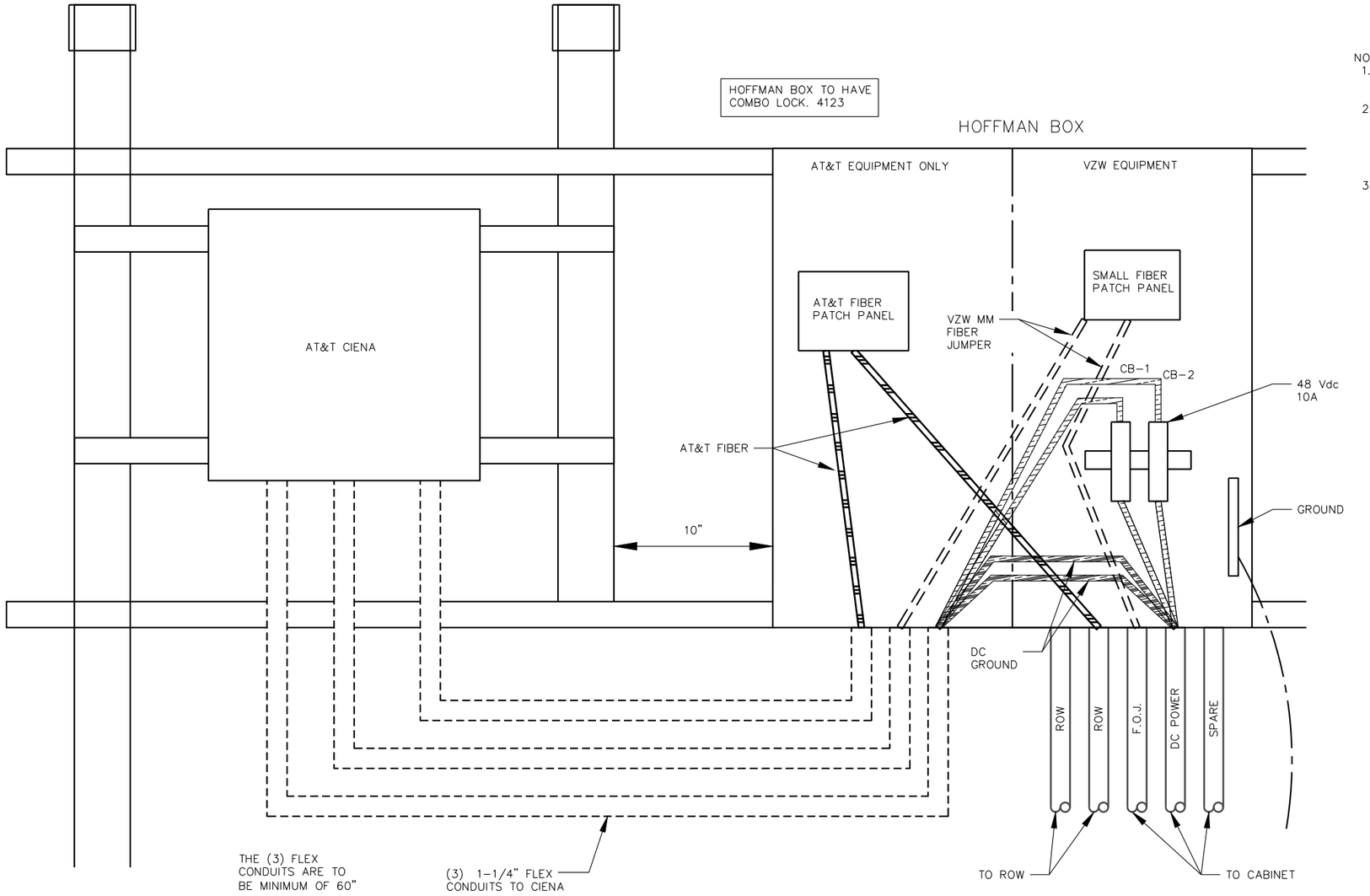
A	PRELIMS	JTL	10/28/25	JTL

TITLE: TELCO SIGNAGE DETAILS

SHEET: TD-2

VB-VZW RAWLAND 09-02-2025



NOTE:
1. THE FIBER JUMPER AND POWER CABLES MUST BE RAN IN SEPARATE CONDUITS
2. VZW DC POWER LEADS ARE TO BE LEFT COILED IN TEH BOTTOM OF THE HOFFMAN BOX AFTER CONNECTION THROUGH THE CIRCUIT BREAKERS
3. VZW MM FIBER JUMPER IS TO BE LEFT COILED IN THE BOTTOM OF THE HOFFMAN BOX. AT&T END REQUIRES THE SC CONNECTOR

OUTDOOR RATED MM CABLE FROM CABINET TO HOFFMAN BOX PATCH PANEL WITH LC ON CABINET END AND SC ON HOFFMAN BOX END.

3 METER OUTDOOR RATED MM CABLE FROM HB PATCH PANEL TO AT&T CIENA. BOTH ENDS OF CABLE HAVE SC CONNECTORS.

HOFFMAN BOX REQUIREMENTS

NTS

verticalbridge
750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

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REVISIONS

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A	PRELIMS	JTL	10/28/25	JTL

TITLE: HOFFMAN BOX REQUIREMENTS

SHEET: TD-3

VB-VZW RAWLAND 09-02-2025

verizon
NPP RFDS

SOUTH > South Coast > Central Gulf Coast > Jackson > Kewanee_CGC

Aljibori, Nadhum - nadhum.aljibori@verizonwireless.com - 20250913_171630

Project Details		Location Information	
Carrier Aggregation	N	Site Id	61736138E
Ecip	N	Search Ring#	
Project Name	KEWANEE_CGC	E-NodeB ID#	null
Project Alt Name	KEWANEE_CGC - NEW BUILD	PSLC#	0
Project Id	17001945	Switch Name	Jackson
Designed Sector Carrier 4G	6	Tower Type	
Designed Sector Carrier 5G	9	Site Type	MACRO
Additional Sector Carrier 4G	0	Street Address	TBD
Additional Sector Carrier 5G	0	City	Toomsuba
Suffix		State	MS
FP Solution Type & Tech Type	MCR:4G_700:5G_850:4G_AWS:5G_L-Sub6 :5G_PCS	Zip Code	39364
		County	Lauderdale
		Latitude	32.417694/ 32° 25' 3.698"
		Longitude	-88.442167/ 88° 26' 31.801"

Project Scope

Kewanee_CGC - New Build

- Install (3) MT6413 antennas
- Install (6) NHH-65C-R2B antennas
- Install (3) Samsung B5/B13 RRH (RF4461d-13A) Dual 4T4R 320W radios
- Install (3) Samsung B2/B66A RRH ORAN (RF4801d-25A) Dual 4T8R 640W radios
- Install (1) 3x6 Hybrid Cable
- Install (1) 6x12 Hybrid Cable
- Install (2) 12 Circuit OVP Units (1) on tower and (1) in shelter/on platform
- * Ensure all plumbing and AISG connections are made according to diagram
- * Please notify RF with any questions about antenna configuration

Antenna Summary

Added Antenna

700	850	1900	AWS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	Install Type	Quantity
				5G	Samsung	MT6413-77A	295	296.2	20(A),140(B),260(C)	PHYSICAL	3
LTE	5G	5G	LTE		COMMSCOPE,CommScope	NHH-65C-R2B	295	299	20(A),140(B),260(C)	PHYSICAL	6

Removed Antenna

700	850	1900	AWS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	Install Type	Quantity

Retained Antenna

700	850	1900	AWS	L-Sub6	Make	Model	Centerline	Tip Height	Azimuth	Install Type	Quantity

Added: 9	Removed: 0	Retained: 0

ANTENNA NOTES:

1. ALL ANTENNAS TO BE FURNISHED WITH DOWNTILT BRACKETS. CONTRACTOR TO COORDINATE REQUIRED MECHANICAL DOWNTILT FOR EACH ANTENNA WITH VERIZON RF ENGINEER.
2. ANTENNA CENTERLINE HEIGHT IS ABOVE GROUND LEVEL (AGL).
3. CONTRACTOR SHALL VERIFY ANTENNA TYPE, AZIMUTH, DOWNTILT AND ANTENNA NUMBER PER SECTOR WITH CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
4. ALL PERSONNEL WORKING ON THE TOWER MUST COMPLY WITH VERIZON'S RF EMISSIONS GUIDELINE POLICY.
5. CHECK WITH RF ENGINEER FOR LATEST ANTENNA TYPE AND AZIMUTH.
6. CONTRACTOR SHALL NOT INSTALL SHRINK WRAP UNTIL AFTER CABLES HAVE BEEN SWEPT. THE USE OF ALTERNATE GROUNDING MEANS (SUCH AS LYNCOLE XIT) SHALL COMPLY WITH O.C.E.I. CONSTRUCTION SPECIFICATIONS AND BUILDING PRACTICES.

Non Antenna Summary

Added Non Antenna

Equipment Type	Location	700	850	1900	AWS	L-Sub6	Make	Model	Install Type	Quantity
OVP	Tower							12 OVP Box	PHYSICAL	1
OVP	Shelter							12 OVP Box	PHYSICAL	1
Hybrid Cable	Tower						Hybrid Cable	3 x 6 Hybrid Cable	PHYSICAL	1
Hybrid Cable	Tower						Hybrid Cable	6 x 12 Hybrid Cable	PHYSICAL	1
RRU	Tower					5G	Samsung	MT6413-77A	PHYSICAL	0
RRU	Tower	LTE	5G				Samsung	RF4461d-13A	PHYSICAL	3
RRU	Tower			5G	LTE		Samsung	RF4801d-25A	PHYSICAL	3

Removed Non Antenna

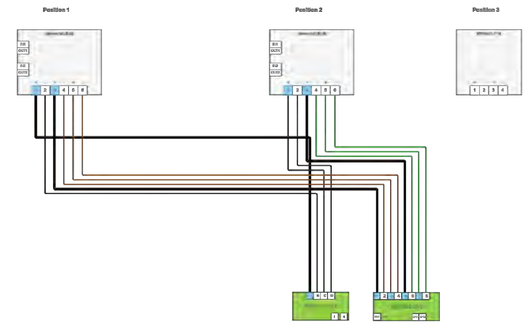
Equipment Type	Location	700	850	1900	AWS	L-Sub6	Make	Model	Install Type	Quantity

Retained Non Antenna

Equipment Type	Location	700	850	1900	AWS	L-Sub6	Make	Model	Install Type	Quantity

Added: 10	Removed: 0	Retained: 0

Alpha
(Proposed)



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PHONE (561) 948-6367
verticalbridge

LASHBROOK

PREPARED BY:
JEFFREY L. LASHBROOK
INDEPENDENT STRUCTURAL & CIVIL ENGINEER - SOLE PROPRIETOR
CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-5929

REFERENCE ONLY

SITE NAME: KEWANEE

LOCATION CODE: US-MS-5371

SITE ADDRESS: KEWANEE RD
TOOMSUBA, MS, 39364

AREA: LEASE AREA = 6400 SF

PROPERTY OWNER:
SAM MEYER FELTENSTEIN II TRUSTEE
38 KEWANEE RD SOUTH
TOOMSUBA, MS 39364

TAX MAP #: | PARCEL NUMBER: 158270000000001900

SOURCE OF TITLE: DEED BOOK - PAGE -

LATITUDE: 32° 25' 3.58" | LONGITUDE: W 88° 26' 31.77"

REVISIONS

NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

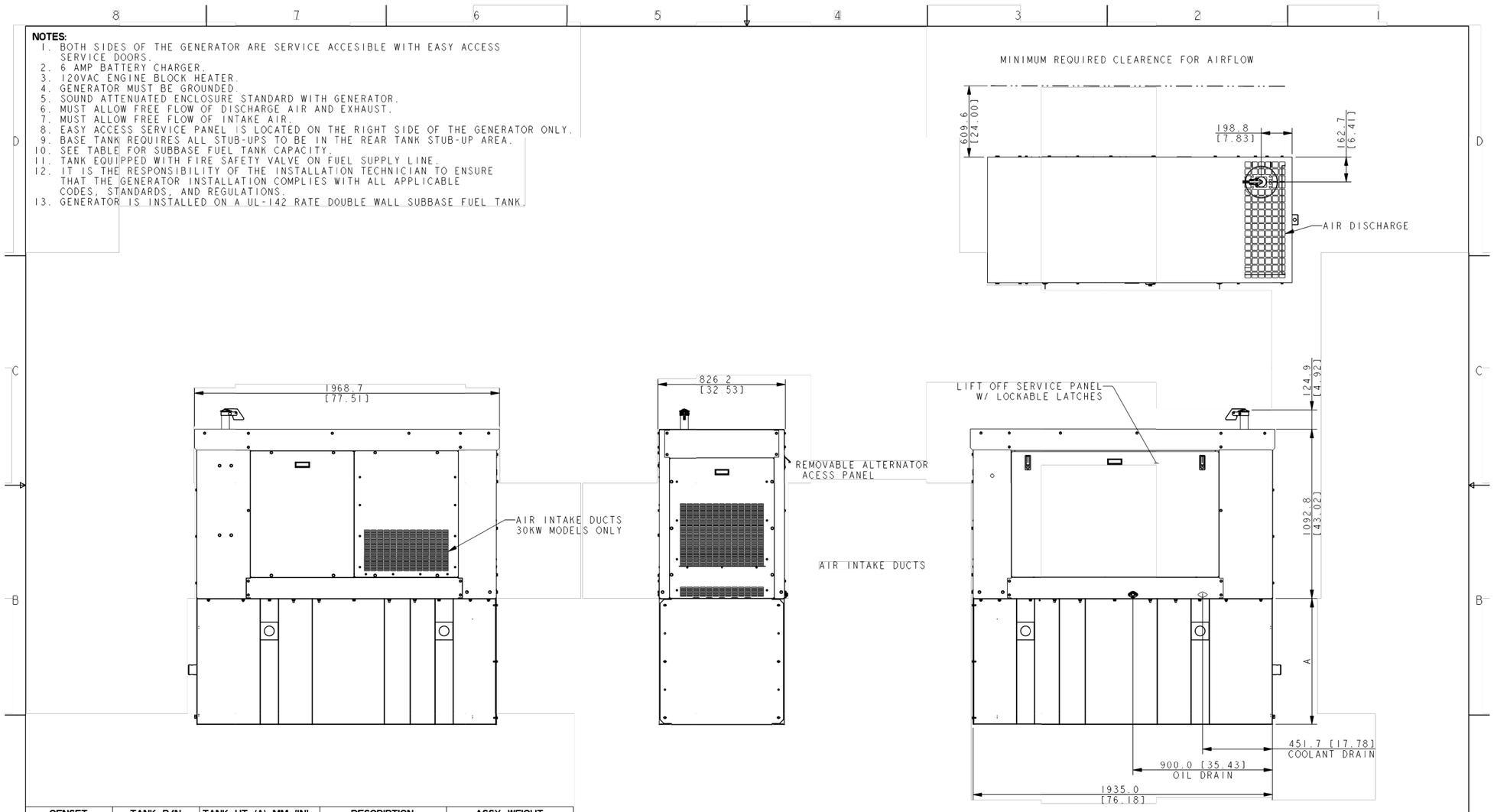
TITLE: RF DATA SHEET

SHEET: RF-1

WTNNMS RAWLAND 08-12-2022

NOTES:

1. BOTH SIDES OF THE GENERATOR ARE SERVICE ACCESIBLE WITH EASY ACCESS SERVICE DOORS.
2. 6 AMP BATTERY CHARGER.
3. 120VAC ENGINE BLOCK HEATER.
4. GENERATOR MUST BE GROUNDED.
5. SOUND ATTENUATED ENCLOSURE STANDARD WITH GENERATOR.
6. MUST ALLOW FREE FLOW OF DISCHARGE AIR AND EXHAUST.
7. MUST ALLOW FREE FLOW OF INTAKE AIR.
8. EASY ACCESS SERVICE PANEL IS LOCATED ON THE RIGHT SIDE OF THE GENERATOR ONLY.
9. BASE TANK REQUIRES ALL STUB-UPS TO BE IN THE REAR TANK STUB-UP AREA.
10. SEE TABLE FOR SUBBASE FUEL TANK CAPACITY.
11. TANK EQUIPPED WITH FIRE SAFETY VALVE ON FUEL SUPPLY LINE.
12. IT IS THE RESPONSIBILITY OF THE INSTALLATION TECHNICIAN TO ENSURE THAT THE GENERATOR INSTALLATION COMPLIES WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS.
13. GENERATOR IS INSTALLED ON A UL-142 RATE DOUBLE WALL SUBBASE FUEL TANK.



GENSET	TANK P/N	TANK HT (A) MM (IN)	DESCRIPTION	ASSY WEIGHT
20REOZK	GM97093-MA1	812.8 [32.0]	SKID/TANK, 148 GAL	827 KG [1823 LBS]
20REOZK	GM97093-MA2	1041.2 [41.0]	SKID/TANK, 203 GAL	893 KG [1968 LBS]
20REOZK	GM97093-MA3	381.0 [15.0]	SKID/TANK, 53 GAL	706 KG [1557 LBS]
20REOZK	GM97093-MA4	685.8 [27.0]	SKID/TANK, 120 GAL	792 KG [1745 LBS]
30REOZK	GM97093-MA1	812.8 [32.0]	SKID/TANK, 148 GAL	893 KG [1969 LBS]
30REOZK	GM97093-MA2	1041.4 [41.0]	SKID/TANK, 203 GAL	959 KG [2114 LBS]
30REOZK	GM97093-MA3	381.0 [15.0]	SKID/TANK, 53 GAL	772 KG [1703 LBS]
30REOZK	GM97093-MA4	685.8 [27.0]	SKID/TANK, 120 GAL	792 KG [1745 LBS]
30REOZK	GM97093-MA5	889.0 [35.0]	SKID/TANK, 164 GAL	849 KG [1870 LBS]

20-30KW KOHLER DIESEL SOUND ENCL W/LIFT OFF PANEL

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	2-2-16	NEW DRAWING [CT138291]	JMR
A	3-24-17	(D-8) UPDATE NOTE 1 FOR LIFT OFF DOOR ACCESS ABILITY. [CT172547]	JMR
B	8-20-18	(A-8) GM97093-MA5 TANK ADDED TO TABLE [CT188955]	JMR
C	2JULY2020	(C-1) 124.9 [4.92] WAS 124.3 [4.89]; (A-1) 451.7 [17.78] WAS 451.6 [17.78]; SEE OTHER SHEETS [CT205156]	SUD

DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS. GENERAL TOLERANCES: X XX ± 0.25; X.X ± 1.0; X ± 1.5; ANGLES ± 0°30'. SURFACE FINISH 63 MAX.

THIRD ANGLE PROJECTION

APPROVALS		DATE
DRAWN	JMR	2-2-16
CHECKED	JMR	2-2-16
APPROVED	KLC	2-2-16

KOHLER.
KOHLER, WISCONSIN 53044
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TITLE: DIMENSION PRINT, 30REOZK VERIZON

SCALE 0.09 | CAD NO. | SHEET 1 of 3

DWG NO. ADV-8855 | D

vertical bridge
750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

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CRESTWOOD, KENTUCKY 40014
PHONE: (270) 314-5929

REFERENCE ONLY

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LOCATION CODE: US-MS-5371

SITE ADDRESS: KEWANEE RD TOOMSUBA, MS, 39364

AREA: LEASE AREA = 6400 SF

PROPERTY OWNER: SAM MEYER FELTENSTEIN II TRUSTEE 38 KEWANEE RD SOUTH TOOMSUBA, MS 39364

TAX MAP #: | PARCEL NUMBER: 1-58270000000001900

SOURCE OF TITLE: DEED BOOK - PAGE -

LATITUDE: 32° 25' 3.58" | LONGITUDE: W 88° 26' 31.77"

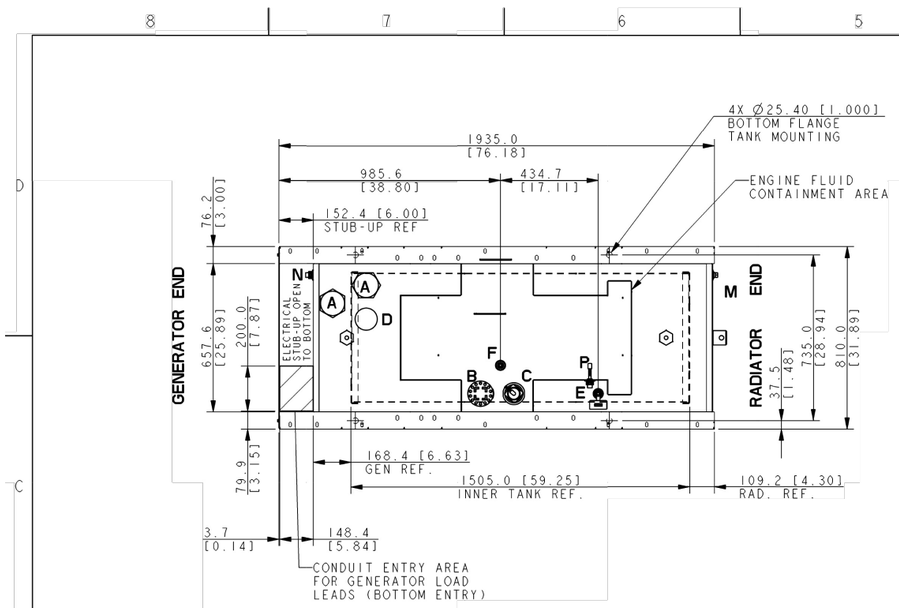
REVISIONS

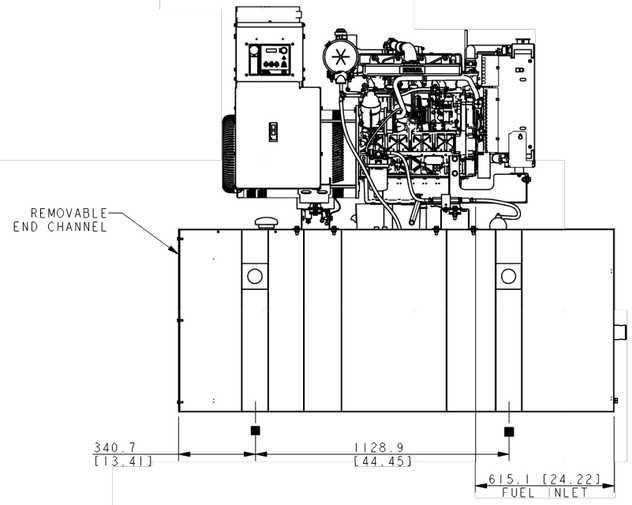
NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

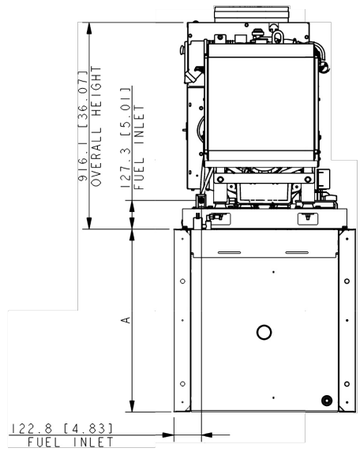
TITLE: GENERATOR SPECS

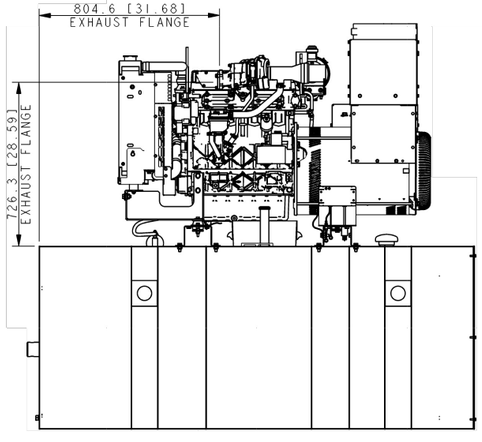
SHEET: RF-2

WTNNMS RAWLAND 08-12-2022



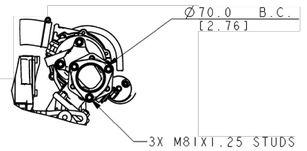






TANK FITTINGS:

A. 3"/4" NPT ACCORDINGLY, EMERGENCY VENT FITTING PER NFPA 30 WITH VENT CAPS.
B. 2" NPT WATER TIGHT FUEL FILL FITTING WITH LOCKABLE CAP & 3" RISER.
C. 2" NPT FITTING FOR FUEL LEVEL SENDING UNIT WITH MECHANICAL INDICATOR NEEDLE.
D. 2" NPT NORMAL VENT FITTING WITH MUSHROOM VENT CAP AND RISER.
E. 1/2" NPT FITTING REMOVABLE ENGINE SUPPLY DIP TUBE W/ FIRE SAFETY VALVE.
F. 1/2" NPT FITTING REMOVABLE FUEL RETURN DIP TUBE.
M. 1/2" NPT RUPTURE BASIN DRAIN
N. 2" NPT FUEL IN BASIN SWITCH.
P. 1/2" NPT FLOAT SWITCH FOR ENGINE FLUID CONTAINMENT BASIN.



EXHAUST FLANGE DETAIL

NOTE:
FOR FURTHER TANK DETAIL SEE INDIVIDUAL DRAWINGS

■4X Ø25.4 [1.00] STANDARD MOUNTING

20-30KW KOHLER DIESEL

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY
-	2-2-16	NEW DRAWING [CT138291]	JMR
A	3-24-17	(D-2) REMOVE OPV REFERENCE FROM TANK FITTING NOTE "B." [CT172547]	JMR
B	8-20-18	SEE SHEET 1 FOR CAHNGE. [CT188955]	JMR
C	2JULY2020	(D-2,3) 3"/4" NPT ACCORDINGLY WAS 3" NPT, "(QTY 2)" REMOVED; SEE OTHER SHEETS [CT205156]	SUD

DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN MILLIMETERS
GENERAL TOLERANCES:
X.XX ± 0.25
X.X ± 1.0
X ± 1.5
ANGLES ± 0°30'
SURFACE FINISH 125 MAX.

THIRD ANGLE PROJECTION

APPROVALS		DATE
DRAWN	JMR	2-2-16
CHECKED	JMR	2-2-16
APPROVED	KLC	2-2-16

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TITLE: **DIMENSION PRINT, 30REOZK VERIZON**

SCALE 0.10 | CAD NO. | SHEET 2 of 3

DWG NO. **ADV-8855** | **D**

vertical bridge
750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367

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TAX MAP #: | PARCEL NUMBER: 1-58270000000001900

SOURCE OF TITLE: DEED BOOK - PAGE -

LATITUDE: 32° 25' 3.58" | LONGITUDE: W 88° 26' 31.77"

REVISIONS

NO.	BY	DESCRIPTION	DATE	CHK
A	JTL	PRELIMS	10/28/25	JTL

TITLE: GENERATOR SPECS

SHEET: RF-2A

WTNNMS RAWLAND 08-12-2022

2. PRODUCT DESCRIPTION

The CUBE consists of two compartments. The equipment compartment includes 8RU of 23" horizontal rack mounting space, 20RU of 19" horizontal rack mounting space, and 7RU of 19" vertical rack mounting space. It also has a 14kBTU HVAC system. The battery compartment supports three strings of customer supplied NiCd batteries and includes a direct air cooling system (DAC) with two fans. The CUBE can be connected to the CUBE-BB48E2HNA battery backup cabinet for added battery power.

Figure 2 shows the CUBE dimensions. Figure 3 shows the main components of the CUBE.

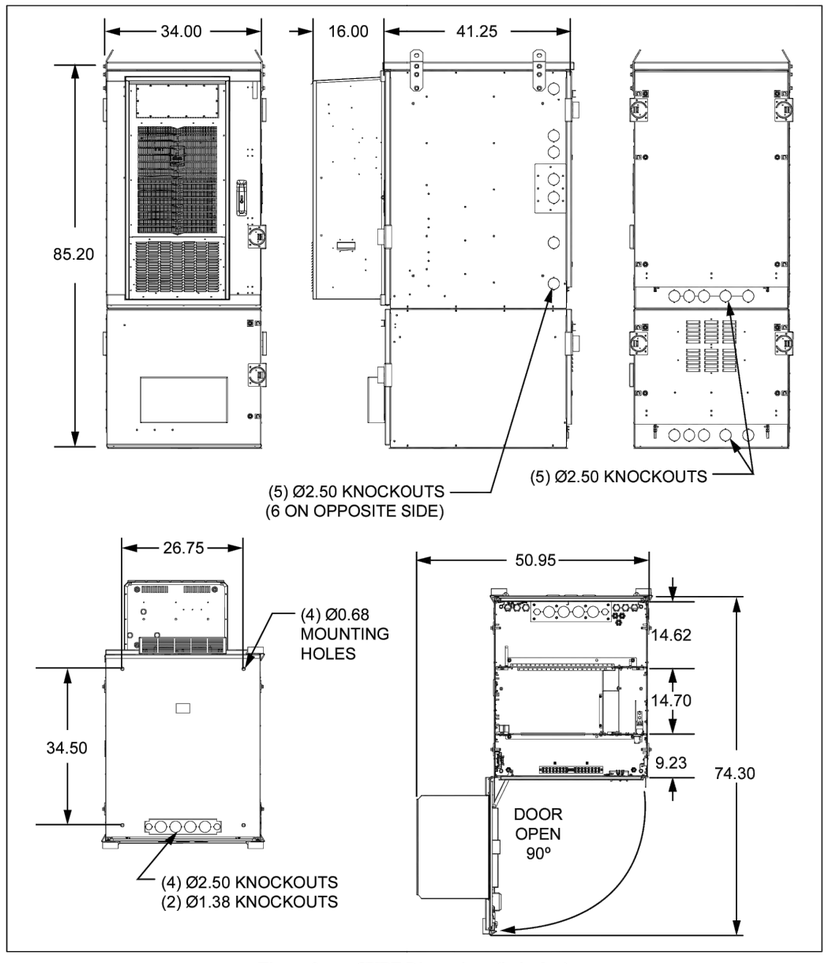

Figure 2 CUBE Dimensions (in inches)

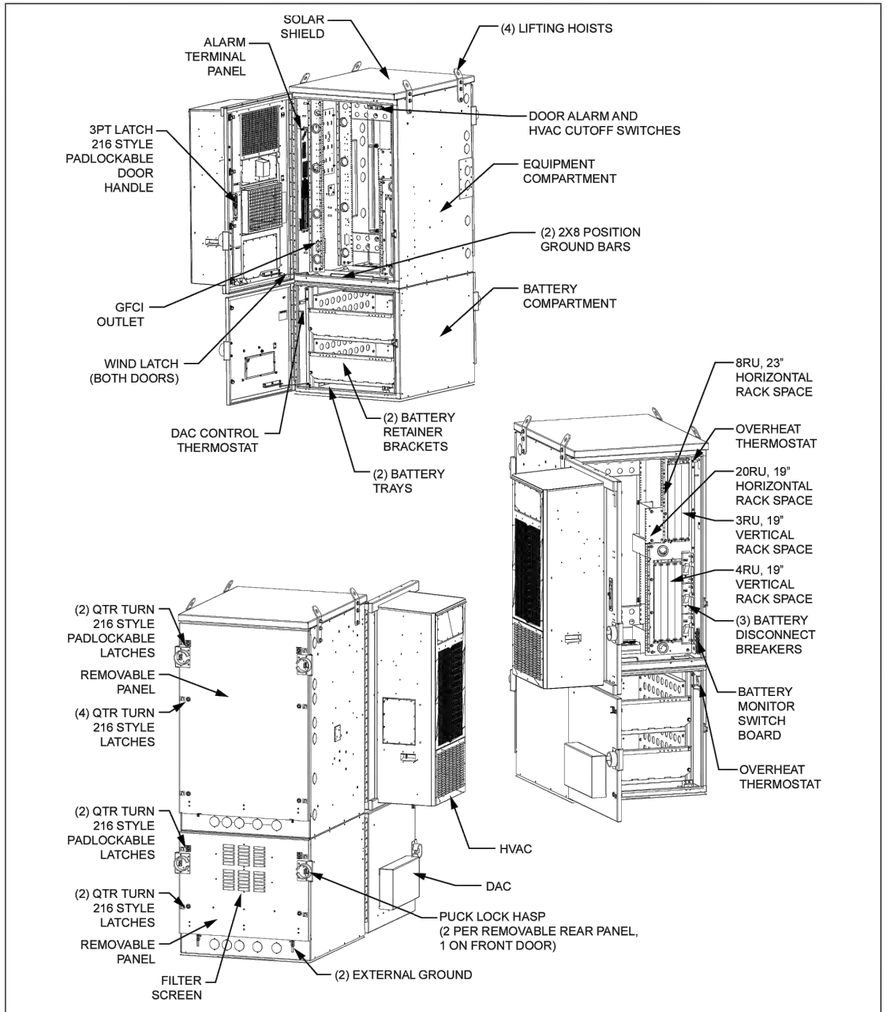

Figure 3 CUBE Components

750 PARK OF COMMERCE DRIVE
BOCA RATON, FL 33487
PHONE (561) 948-6367
verticalbridge

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REVISIONS

NO.	BY	DESCRIPTION	DATE	CHK
A	JTL	PRELIMS	10/28/25	JTL

TITLE:
EQUIPMENT
CABINET SPECS

SHEET:
RF-3

WTNNMS RAWLAND 08-12-2022

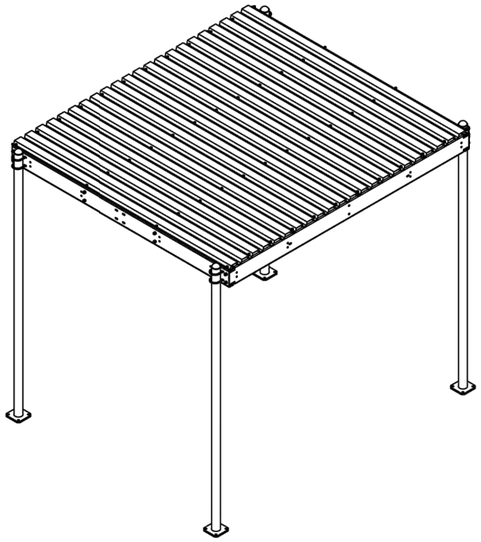
PV-WC1012-B

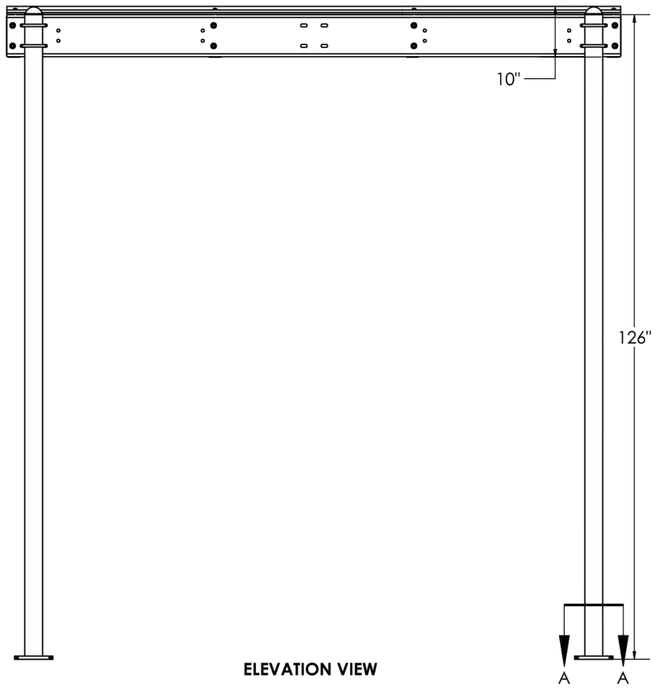
4-POST WEATHER CANOPY BASE KIT

WEIGHT: 1248 LBS

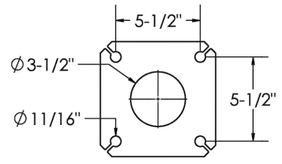
BASE ANCHORS AND FOUNDATION NOT INCLUDED

SEE DRAWING **WCEQ-ENG-01** FOR ADDITIONAL DETAILS

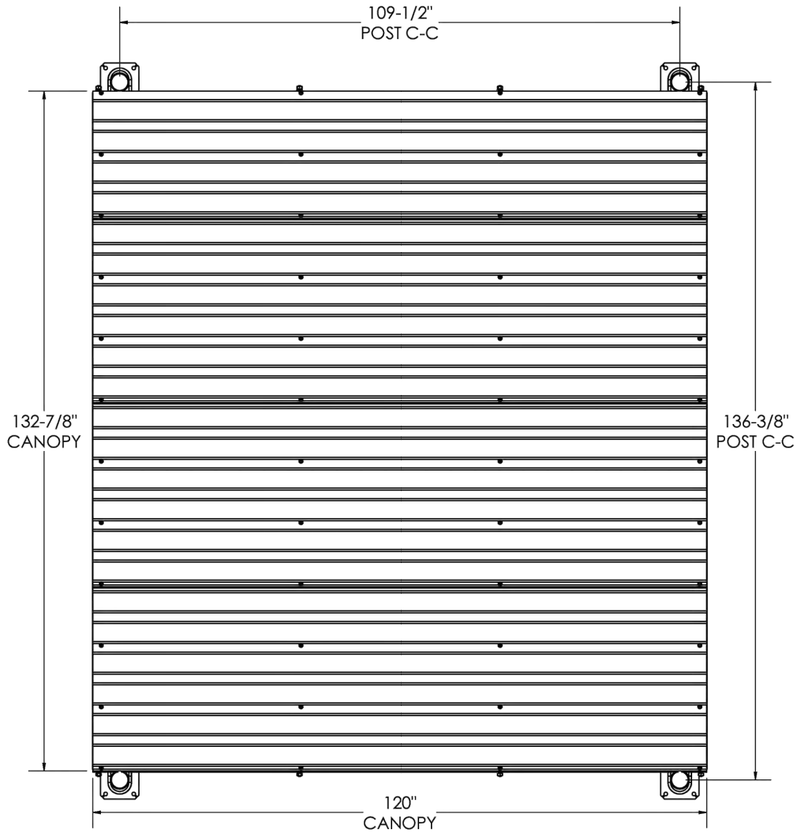




ELEVATION VIEW



SECTION A-A



TOP VIEW

SHEET: 1 OF 1	THIRD ANGLE PROJECTION	CATEGORY: 07_Platforms & Canopies	4		
		SERIES: 01_Canopies	3		
12/6/2021	SCALE: 1:24	TYPE: PV-WC	2		
DIMENSIONS ARE IN INCHES TOLERANCES U.N.O. HOLES: +1/16", -1/32" ANGULAR: PROFILE±1/4°, BEND±2° ALL OTHERS: ±1/16"		BY: DJN	1		
		CHECKED: SJS	0	INITIAL RELEASE	12/2/21
		STATUS: APPROVED	REV	DESCRIPTION	DATE

PERFECTVISION

WEATHER CANOPY

DOCUMENT NUMBER: WC1012-ENG-R0 | REV: 0

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C:\PVMSteel\Catalog\SW Working Files\Engineering Details\

verticalbridge
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REVISIONS

NO.	DESCRIPTION	BY	DATE	CHK
A	PRELIMS	JTL	10/28/25	JTL

TITLE:

EQUIPMENT
CANOPY SPECS

SHEET:

RF-4

WTNNMS RAWLAND 08-12-2022

Appendix B

Air Quality and EPA Programs

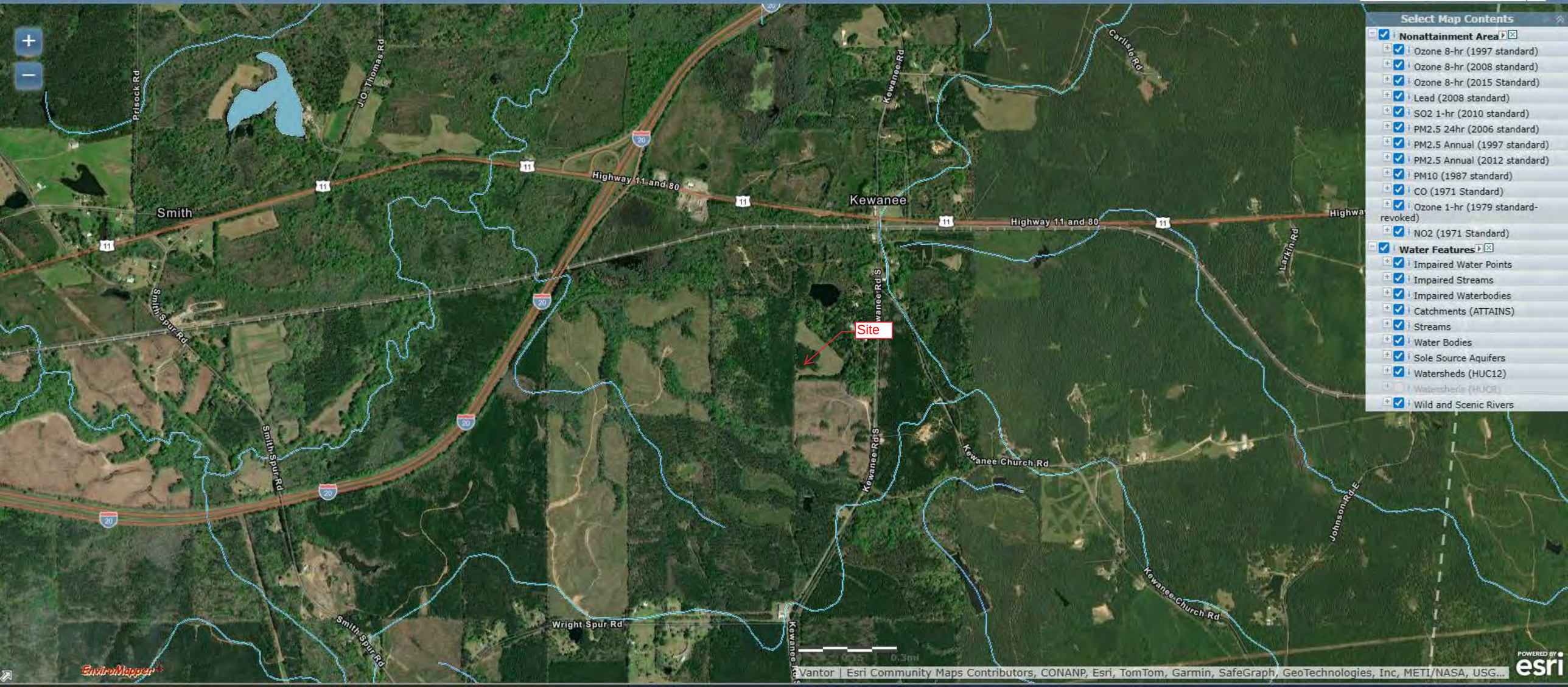
EnviroMapper

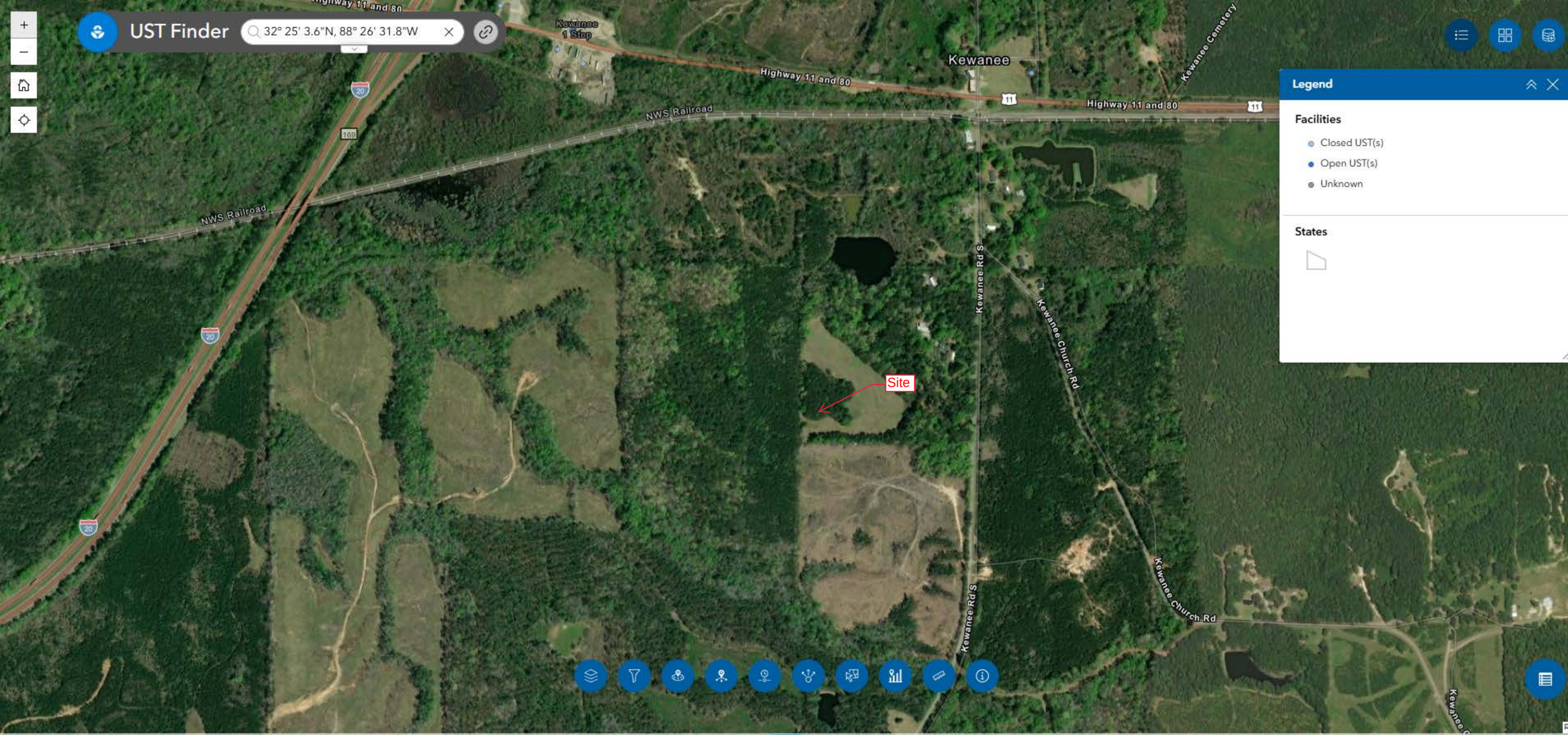
Home | Help

EPA United States Environmental Protection Agency

Search Place: Y:32.417667 X:-88.442167

Basemap | Tools | More Data | Search Envirofacts | 32° 25' 3.6"N, 88° 26' 31.8"W




UST Finder
32° 25' 3.6"N, 88° 26' 31.8"W
Kewanee
1 Stop
Kewanee
Kewanee Cemetery
Highway 11 and 80
Highway 11 and 80
Highway 11 and 80
NWS Railroad
NWS Railroad
Kewanee Rd S
Kewanee Church Rd
Kewanee Church Rd
Kewanee Rd S
Site
Legend
Facilities
Closed UST(s)
Open UST(s)
Unknown
States

Managing Your Map

- To delete a point or polygon, click it to select it and then click on the trash can icon at the top right of the map.
- To edit or move a point or polygon, click it to select it and then use the handles to modify its location or shape.
- To remove all points and polygons, click the "Clear All Graphics" button underneath the map.
- To save the map, click “Save Map for Later” to create a unique link that you can bookmark or share with others that contains all the points and polygons that were entered. Upon navigating to that link, the points and polygons will populate automatically on the map.

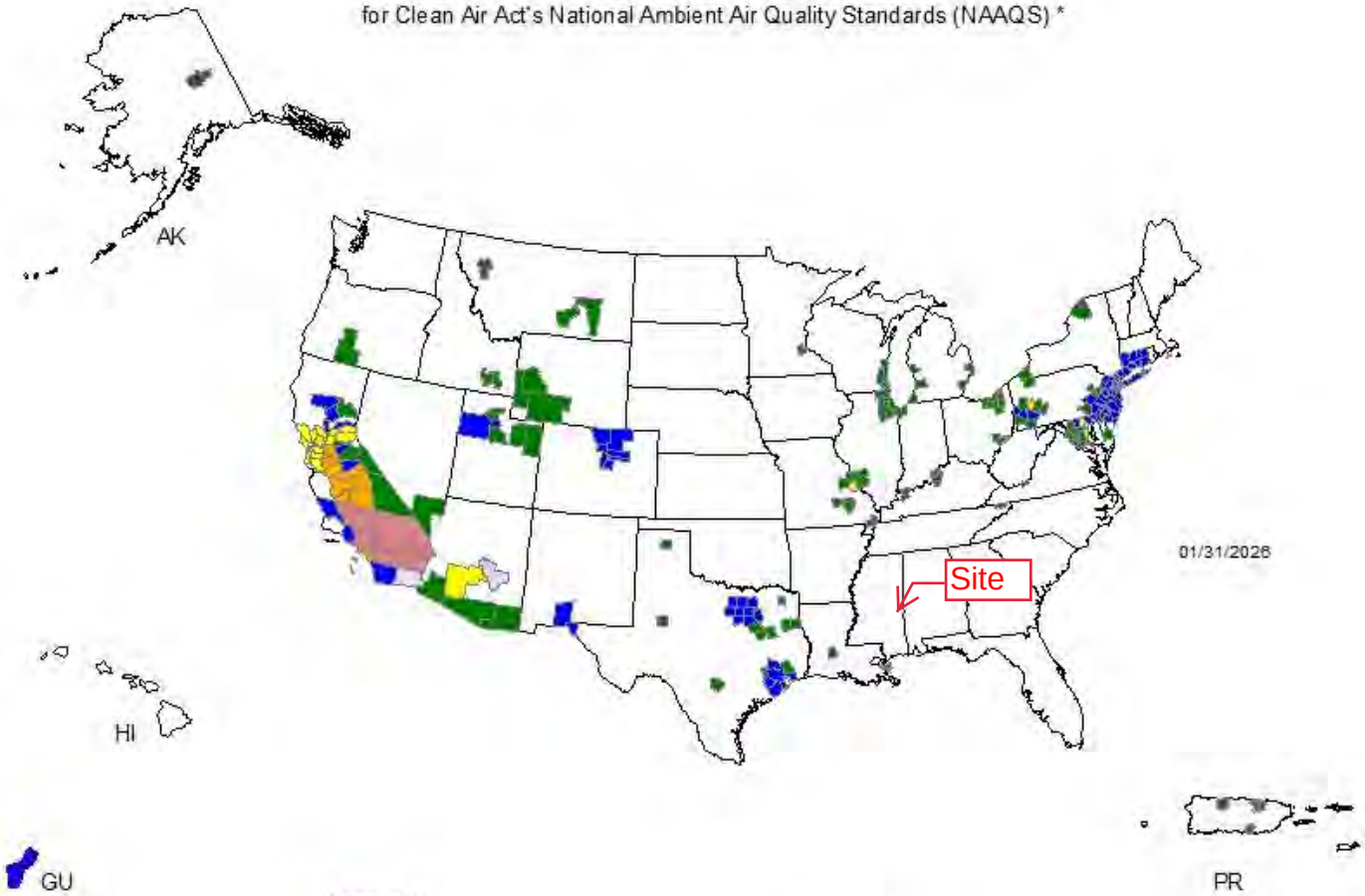
EPA Water Discharges Map

Open Report | Save Map for Later | Clear All Graphics

Additional Information About the Discharge Mapping Tool (pdf) (335.6 KB)

Counties Designated "Nonattainment"

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



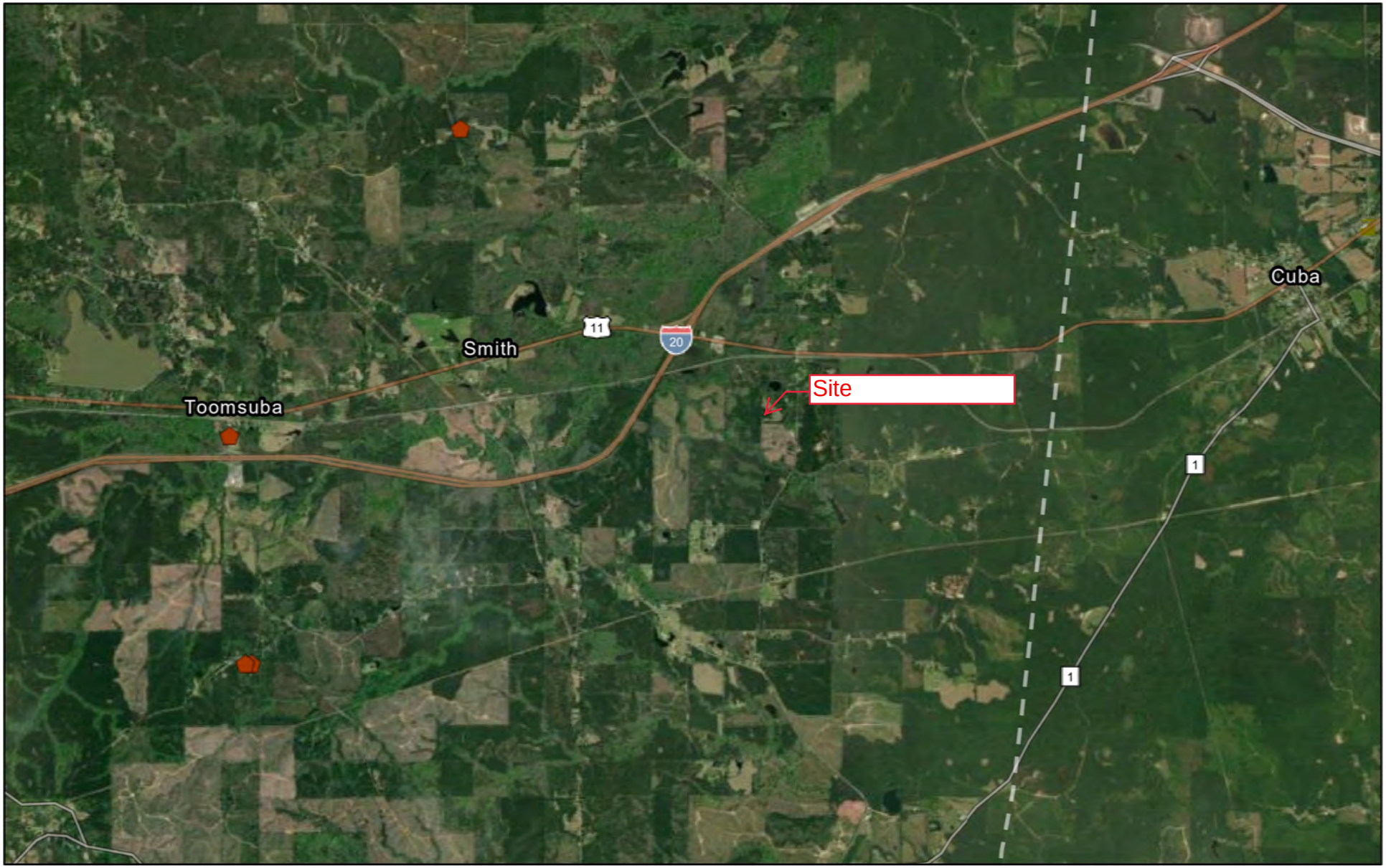
Legend **

- 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.

EPA Programs NTIA Map



2/17/2026

**National Pollutant Discharge Elimination System Sites (NPDES)

Integrated Compliance Information System for Air (AIR)

**Impaired Streams

2,016 - 2,020.5

2,020.5 - 2,022

2,022

**Impaired Waterbodies

**Impaired Waterbodies

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

19m Resolution Metadata

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

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

MS UST Incident Sites

February 17, 2026

gardLayer
- Override 1

musterLayer
- Override 1

ActiveMSUndergroundStorageTanks
- Closed Release

InactiveMSUndergroundStorageTanks
- Closed Release

- No Release

pointLayer
- Override 1

1:18,056

0 0.15 0.3 0.6 mi

0 0.25 0.5 1 km

Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

Web Design and Development by The Geospatial Group
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Appendix C

Geology and Soils

Map Scale: 1:2,620 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 35 70 140 210

Feet: 0 100 200 400 600

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

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

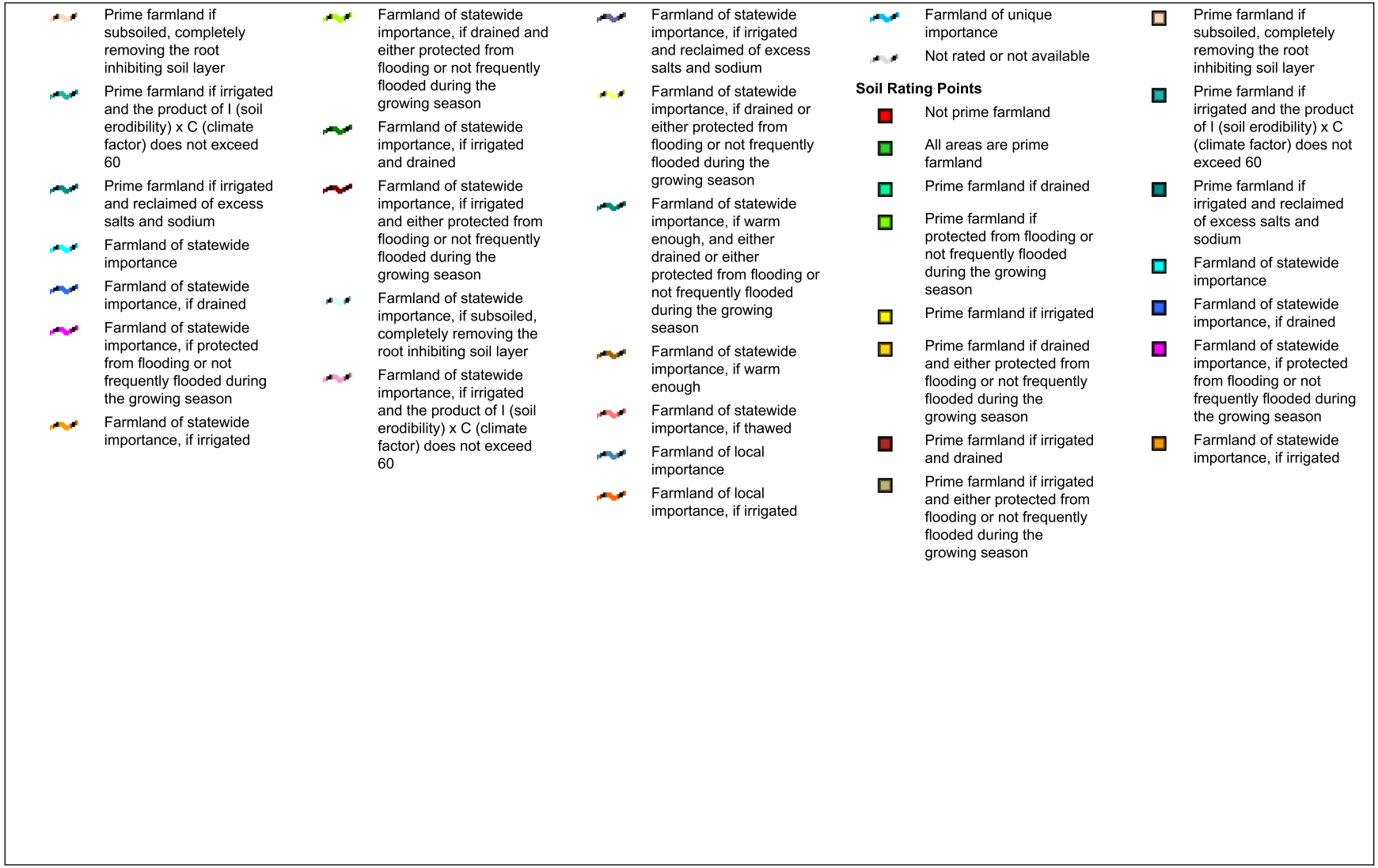
Soils

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 1:20,000.

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: Lauderdale County, Mississippi
Survey Area Data: Version 20, Sep 8, 2025

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

Date(s) aerial images were photographed: Jan 3, 2021—May 8, 2021

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
LS	Sweatman fine sandy loam, 15 to 35 percent slopes, severely eroded	Not prime farmland	12.8	72.0%
Pa	Pits	Not prime farmland	5.0	28.0%
Totals for Area of Interest			**17.8**	**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

Tie-break Rule: Lower

500 0 500

Feet

Date Generated: 10/3/2025

Source: USDA NRCS, Esri

Soil Map

ECA ID: 25-004212

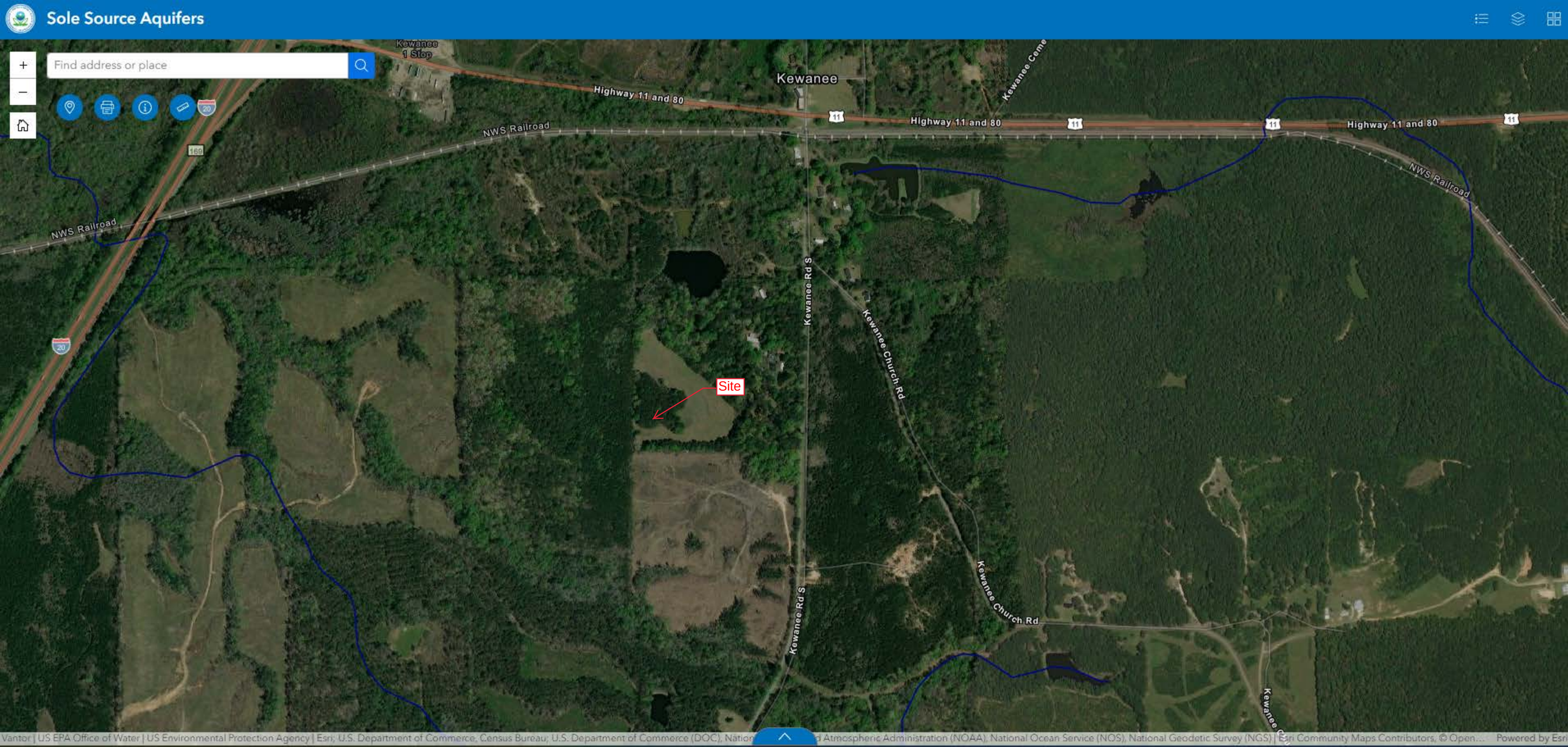
ECA

Map Unit Symbol	Map Unit Name	Farmland Classification	Water Table Depth (cm)	Drainage Class
Sweatman (LS)	Sweatman fine sandy loam, 15 to 35 percent slopes, severely eroded	Not prime farmland		Well drained

Date Generated: 10/3/2025
Source: USDA Natural Resources Conservation Service

Appendix D

Water Resources


Sole Source Aquifers
Find address or place
Kewanee
1 Stop
Kewanee
Kewanee Ceme
Highway 11 and 80
Highway 11 and 80
Highway 11 and 80
NWS Railroad
NWS Railroad
NWS Railroad
Kewanee Rd S
Kewanee Church Rd
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Kewanee Rd S
Site
Vantor | US EPA Office of Water | US Environmental Protection Agency | Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), Nation
d Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS) | Esri Community Maps Contributors, © Open...
Powered by Esri

National Wild and Scenic River Lines (Feature Layer)

Authoritative

USFS Enterprise Content
U.S. Forest Service

Summary

National Wild and Scenic River Lines

View Full Details

Download

Details

Dataset
Feature Layer

January 16, 2017 at 12:00:00 AM EST
Info Updated

As Needed
Data Updated: August 25, 2022 at 6:10:34 PM EDT

March 2, 2016 at 12:00:00 AM EST
Published Date

Records: 249
View data table

Public
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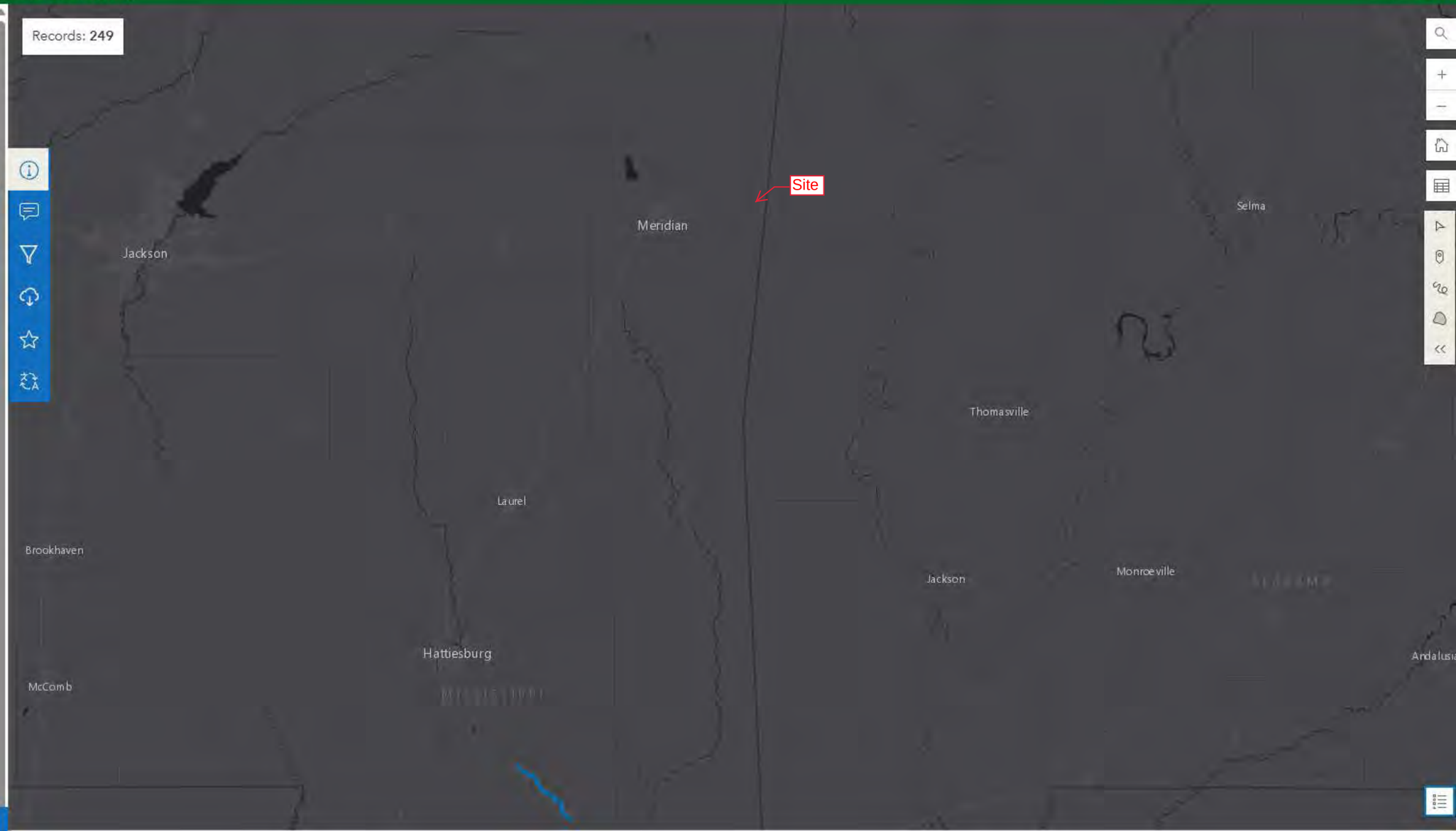

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Feet

Date Generated: 10/3/2025

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

Wetlands

ECA ID: 25-004212

ECA

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Feet

Date Generated: 10/3/2025

Source: FEMA's National Flood Hazard Layer

FEMA Floodplain Map

ECA ID: 25-004212

ECA

Appendix E

Biological Resources

March 16, 2026

National Telecommunications and Information Administration
Office of Internet Connectivity and Growth
1401 Constitution Avenue, NW
Washington, D.C. 20230

Attention: Mr. Mike Way

Subject: **Biological Assessment**
Proposed 310-Foot Tall Guyed Telecommunications Structure
The Towers, LLC Site - Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
Kewanee, MS USGS Quadrangle Map
Latitude: 32° 25' 3.6" N Longitude: 88° 26' 31.8" W
ECA Project No. 25-004212
IPaC Project Code: 2026-0002258

Dear Mr. Way:

Environmental Corporation of America (ECA) is assisting The Towers, LLC with National Environmental Policy Act (NEPA) documentation for the proposed project. ECA understands that the proposed project is grant-funded and administered through the National Telecommunications and Information Administration (NTIA), and the NTIA has been identified as the lead federal agency (LFA) for the proposed undertaking.

This Biological Assessment (BA) documents our findings with respect to state and federally listed or proposed threatened and endangered species and migratory birds at the project site.

Background

The project area location is shown on Figure 1 in Attachment A. Figure 2 is a plan view that shows the site configuration. Figure 3 is a recent aerial photograph of the site area. BTS Towers, LLC plans to construct a 310-foot tall guyed telecommunications structure (overall height including appurtenances) within the project area. The proposed facility would include three 20-foot wide guy wire easements ranging from 173 feet long to 180 feet long which would traverse from the tower center in easterly, southwesterly, and northwesterly directions. The proposed tower structure is anticipated to utilize FAA Style E (medium intensity, dual red/white strobes) lighting.

The project area would consist of a proposed 100-foot by 100-foot lease area and a proposed approximate 1,340-foot long variable width access/utility easement. The proposed project area is occupied by wooded and grassed land. Wooded areas generally consist of intermediate-aged pines with a mid-story and understory of hardwood saplings and woody shrubs. The proposed access/utility easement would originate at Kewanee Road South and would traverse in a southwesterly, then northwesterly direction to the proposed lease area. The proposed project area is located in an area generally characterized by wooded and grassed land and residential development. Photographs of the project area are included in Attachment B. Descriptions of the photographs are provided underneath each photograph and photograph locations are graphically depicted on Figure 2 of Attachment A.

Based on the National Wetlands Inventory data, no wetlands or waters are mapped within the proposed project area. During our site visit, no evidence of surface waters or the three criteria required for an area to be characterized as a wetland was observed within the proposed project area. Therefore, it does not appear that the proposed project would result in impacts to wetlands or waters.

Purpose

The purpose of this letter is to provide the NTIA with documentation of our investigations and findings relative to federally listed or proposed threatened and endangered species within the project area.

Review of Available Documentation and Site Inspection

ECA has reviewed the United States Fish and Wildlife Service (USFWS) Information for Planning and Consultation System (IPaC) species list for the proposed project area, the Mississippi Department of Wildlife, Fisheries, & Parks Endangered Species by county list, and the USFWS Critical Habitat Mapper (see Attachment C). ECA has also reviewed information from various sources pertaining to the habitat requirements of the listed species. The habitat at the site was evaluated during our October 31, 2025, site visit, which was conducted by Mr. Chase Rodriguez of ECA.

Discussion of Findings

Because the proposed undertaking would not result in impacts to surface waters or wetlands, aquatic species are not a concern for this undertaking and are excluded from the discussion below. The nearest surface water is a pond located approximately 970 feet northeast of the proposed lease area at its closest point. Non-aquatic species recognized by the USFWS as potentially inhabiting the project area vicinity are listed in the table below along with a habitat description and a finding of effect for each.

Common Name	Scientific Name	Federal Status	State Status	Habitat*	Finding of Effect
Tricolored bat	*Perimyotis subflavus*	Proposed Endangered	Endangered	Site located in year-round range (Zone 1); Primarily roost among living and dead leaf clusters of live or recently dead deciduous hardwood trees; Winter torpor in sheltered locations such as tree cavities, culverts, and bridges	Potential suitable habitat; No jeopardy (See discussion below)
Monarch butterfly	*Danaus plexippus*	Proposed Threatened	-	Breeding areas are virtually all patches of milkweed in North America and some other regions; Forage for nectar on a wide-variety of native wildflowers	Potential suitable habitat; No jeopardy
Gopher tortoise	*Gopherus polyphemus*	-	Endangered	Commonly occupies habitats with a well-drained sandy substrate, ample herbaceous vegetation for food, and sunlit areas for nesting; These habitat types include sandhill (pine-turkey oak), sand pine scrub, xeric hammock, pine flatwoods, dry prairie, coastal grasslands and dunes, and mixed hardwood-pine communities; Prefers open habitats that support a wide variety of herbaceous ground cover vegetation for forage; usually abandons densely canopied areas and frequently can be found in disturbed habitats such as roadsides, fence-rows, old fields, and the edges of overgrown (unburned) uplands	Outside range of federally listed western distinct population segment; Lauderdale County at northern extent of Mississippi occurrences (Gaillard et al., 2017); No suitable habitat; No effect

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

The proposed project area is occupied by grassed and wooded land. Wooded portions of the project area may provide suitable roosting/foraging habitat for the proposed endangered tricolored bat (TCB). No sinkholes, fissures, or other karst features were observed nearby the project area nor were large culverts or bridges. Grassed portions of the project area may provide suitable habitat for the proposed threatened monarch butterfly.

Proposed species are not protected by the take prohibitions of the Endangered Species Act (ESA). However, under Section 7(a)(4) of the ESA, federal agencies must confer with the USFWS if their action will jeopardize the continued existence of a proposed species. Based on the limited nature of the proposed construction activities and the minimal amount of potentially suitable habitat within the assessment area, construction of the project, including proposed tree clearing, would not jeopardize the continued existence of the tricolored bat or monarch butterfly; therefore, a finding of “no jeopardy” has been determined and no consultation with the USFWS regarding these species is required at this time. ECA anticipates that a finding of “may affect, not likely to adversely affect" would be applicable for the tricolored, when officially listed, if the Applicant commits to avoiding tree clearing during the winter torpor (December 15 - February 15) and pup season (May 1 - July 15) periods. If project activities which may impact potentially suitable habitat

for the tricolored bat or monarch butterfly are proposed to occur after the official listing of these species, additional evaluation and/or consultation with the USFWS may be necessary at that time.

Migratory Birds

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 (16 USC 703), which prohibits the taking of any migratory birds, their parts, nests, or eggs.

The proposed project area generally consists of grassed and wooded land and is not anticipated to provide optimal habitat for migratory birds. proposes to construct a 310-foot tall (overall height) guyed-type telecommunications structure. Based on the specifications of the proposed tower structure, the applicant 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; and 5) designing tower and associated facilities so as to avoid or minimize habitat loss within and adjacent to the tower footprint. 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 habitat present on site which consists of grassed land and successional wooded land, the Proposed Action site is not expected to provide quality migratory bird habitat, thus pre-construction nest clearance surveys are not deemed necessary. Considering the USFWS guidance and the specification of the Proposed Action, the applicant 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.

Additional Considerations

ECA consulted with the Mississippi Department of Wildlife, Fisheries, and Parks (MDWFP) to seek comments relative to the potential effects of the proposed project on sensitive natural resources. A request for comment was sent to MDWFP on November 20, 2025; however, as of the issuance of this report, ECA has not received a response. Should pertinent information be obtained, which either supports or disproves ECAs findings, ECA will forward the information in an addendum (Appendix C).

Conclusions

Based on the information reviewed and our site inspection, ECA has determined that the project area may provide suitable habitat for the proposed endangered tricolored bat and the proposed threatened monarch butterfly. Based on the minimal amount of potential suitable habitat, the

proposed project activities would not jeopardize the continued existence of these species. Therefore, ECA has determined a finding of "no jeopardy" for the tricolored bat and monarch butterfly. If project activities which may impact potentially suitable habitat for these species are proposed to occur after the official listing of the species, additional evaluation and/or consultation with the USFWS may be necessary at that time.

ECA has found no evidence that suitable habitat is present within the proposed project area for other federally listed or proposed threatened or endangered species identified by USFWS as potentially occurring in the project area vicinity. The proposed undertaking would have no effect on federally threatened or endangered species or designated critical habitat. In addition, the proposed project would not jeopardize the continued existence of federally proposed threatened or endangered species and would not result in the destruction or adverse modification of proposed critical habitat.

Closure

For any questions or additional information, please contact Ashley Bean by phone at 828-505-0755, by email at ashley.bean@eca-usa.com, or by mail at 1340 Patton Avenue Suite K, Asheville, NC 28806.

Sincerely yours,

Environmental Corporation of America

Ashley Bean
Project Manager

Ben Salter
Principal Biologist

ATTACHMENT A

Figures

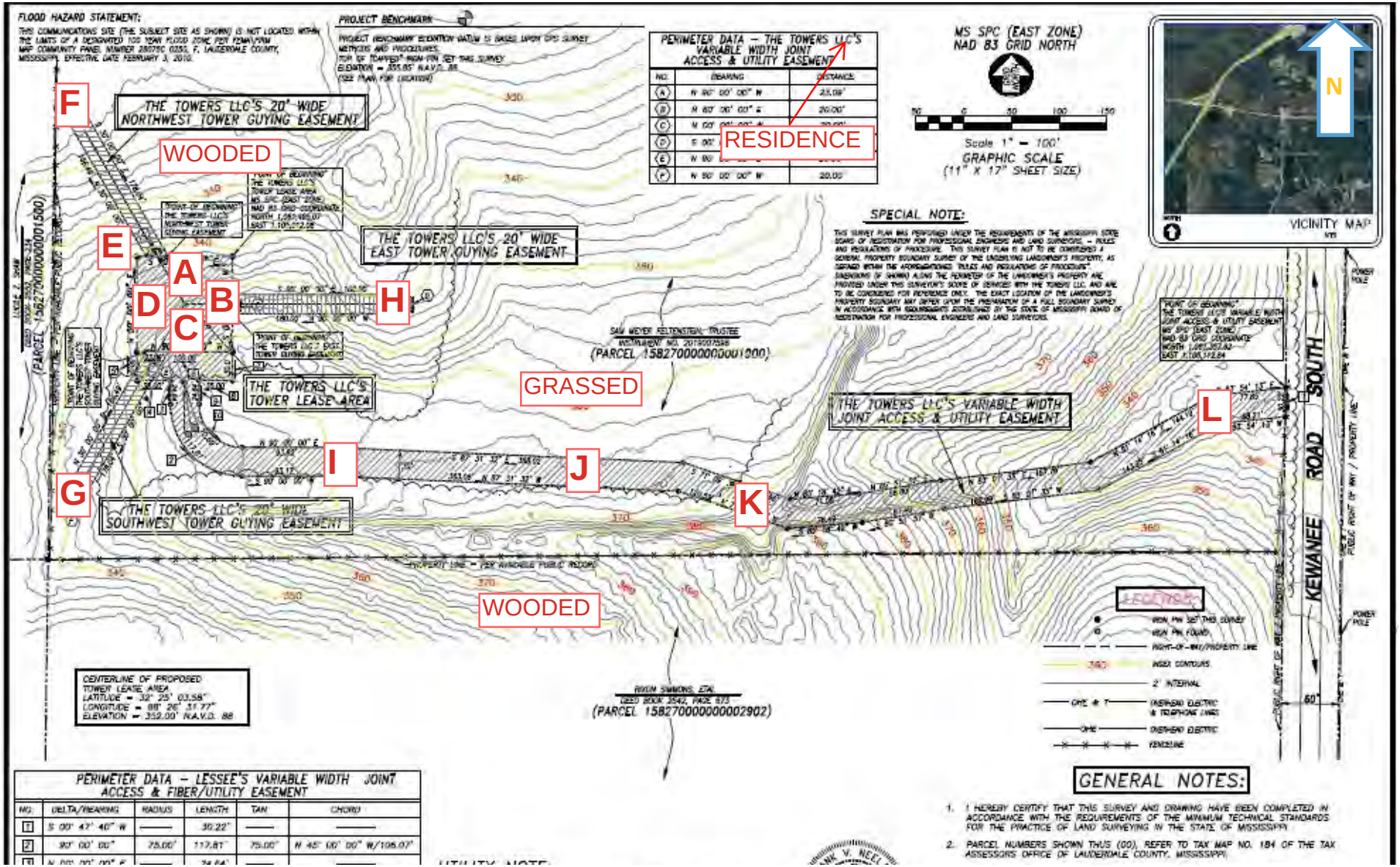
500 0 500
Feet

Date Generated: 10/3/2025
Source: Maxar, The National Map

Figure 1: USGS Topographic Map

ECA ID: 25-004212

ECA



Source: Survey Drawing provided by Client

Figure 2: Site Vicinity Plan

ECA ID: 25-004212

Source: Google Earth 2023

Figure 3: Aerial Photograph

ECA ID: 25-004212

ECA

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Feet

Date Generated: 10/3/2025

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

Wetlands

ECA ID: 25-004212

ECA

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Feet

Date Generated: 10/3/2025

Source: FEMA's National Flood Hazard Layer

FEMA Floodplain Map

ECA ID: 25-004212

ECA

500 0 500

Feet

Date Generated: 10/3/2025

Source: USDA NRCS, Esri

Soil Map

ECA ID: 25-004212

ECA

Map Unit Symbol	Map Unit Name	Farmland Classification	Water Table Depth (cm)	Drainage Class
Sweatman (LS)	Sweatman fine sandy loam, 15 to 35 percent slopes, severely eroded	Not prime farmland		Well drained

Date Generated: 10/3/2025
Source: USDA Natural Resources Conservation Service

ATTACHMENT B

Photographs

A: Northerly View from Near the Center of the Proposed Lease Area

B: Easterly View from Near the Center of the Proposed Lease Area

C: Southerly View from Near the Center of the Proposed Lease Area

D: Westerly View from Near the Center of the Proposed Lease Area

Photographs

ECA ID: 25-004212

ECA

E: Southeasterly View of Proposed Lease Area

F: Southeasterly View of Proposed Guy Wire #1

G: Northeasterly View of Proposed Guy Wire #2

H: Westerly View of Proposed Guy Wire #3

Photographs

ECA ID: 25-004212

ECA

I: Westerly View of the Proposed Access/Utility Easement

J: Westerly View of the Proposed Access/Utility Easement

K: Easterly View of the Proposed Access/Utility Easement

L: Easterly View of the Proposed Access/Utility Easement

Photographs

ECA ID: 25-004212

ECA

ATTACHMENT C

Protected Species Information

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Mississippi Ecological Services Field Office
6578 Dogwood View Parkway, Suite A
Jackson, MS 39213-7856
Phone: (601) 965-4900

In Reply Refer To: 03/16/2026 16:19:16 UTC
Project Code: 2026-0002258
Project Name: 25-004212

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:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

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 current information or 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. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/partner/council-conservation-migratory-birds.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office. Please email consultation requests to MSFOSection7Consultation@fws.gov.

Attachment(s):

- Official Species List

- USFWS National Wildlife Refuges and Fish Hatcheries
- 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:

Mississippi Ecological Services Field Office
6578 Dogwood View Parkway, Suite A
Jackson, MS 39213-7856
(601) 965-4900

PROJECT SUMMARY

Project Code: 2026-0002258
Project Name: 25-004212
Project Type: Communication Tower New Construction
Project Description: Proposed telecommunications structure
Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@32.417736500000004,-88.44193857539385,14z

Counties: Lauderdale County, Mississippi

ENDANGERED SPECIES ACT SPECIES

There is a total of 3 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
Tricolored Bat *Perimyotis subflavus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515 General project design guidelines: https://ipac.ecosphere.fws.gov/project/Z3ZQJ7HQMNDRPJMIYSLWRXDO7Q/documents/generated/7127.pdf	Proposed Endangered

REPTILES

NAME	STATUS
Alligator Snapping Turtle *Macrochelys temminckii* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4658 General project design guidelines: https://ipac.ecosphere.fws.gov/project/Z3ZQJ7HQMNDRPJMIYSLWRXDO7Q/documents/generated/7127.pdf	Proposed 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 General project design guidelines: https://ipac.ecosphere.fws.gov/project/Z3ZQJ7HQMNDRPJMIYSLWRXDO7Q/documents/generated/7127.pdf	Proposed 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.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

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)

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

The data in this location indicates that no eagles have been observed in this area. This does not mean eagles are not present in your project area, especially if the area is difficult to survey. Please review the 'Steps to Take When No Results Are Returned' section of the Supplemental Information on Migratory Birds and Eagles document to determine if your project is in a poorly surveyed area. If it is, you may need to rely on other resources to determine if eagles may be present (e.g. your local FWS field office, state surveys, your own surveys).

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 conservation measures, as described in the links below. Specifically, please review the "Supplemental Information on Migratory Birds and Eagles".

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
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

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.

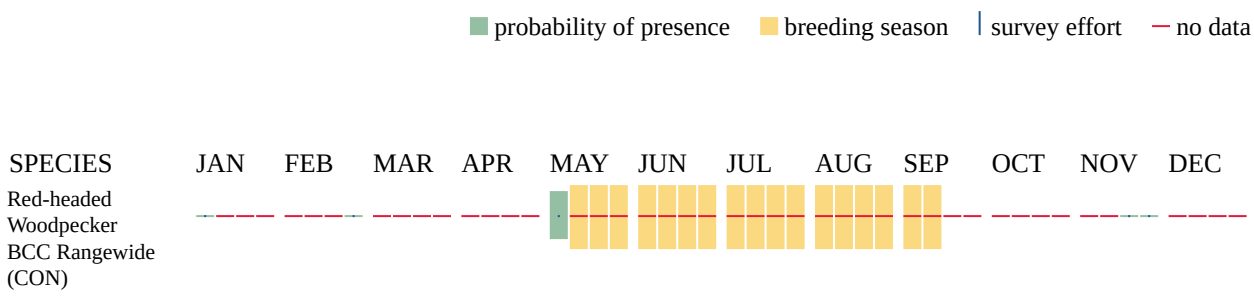
Probability of Presence (■)

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:	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

November 20, 2025

Mississippi Department of Wildlife, Fisheries, and Parks
1505 Eastover Dr.
Jackson, MS 39211

Subject: **Proposed 310-Foot Guyed Telecommunications Structure**
The Towers, LLC Site - Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
Latitude: 32° 25' 3.6"N, Longitude: 88° 26' 31.8"W ECA
Project No.: 25-004212

To Whom It May Concern:

Environmental Corporation of America (ECA) is assisting The Towers, LLC with Federal Communications Commission (FCC) National Environmental Policy Act (NEPA) documentation for the proposed project.

The purpose of this letter is to request comments relative to potential effects on state or federal listed or proposed threatened or endangered species. Attached are various site plans and location information for your consideration.

The Towers, LLC plans to construct a 310-foot tall (overall height including appurtenances) guyed telecommunications structure within a 100-foot by 100-foot project area. The proposed tower is anticipated to utilize FAA Style E (medium intensity, dual red/white strobes) lighting and will utilize guy-wires. The proposed project area is occupied by grassed and wooded land in an area generally characterized by wooded and grassed residential development.

We appreciate your assistance with this undertaking. For any questions or additional information, please contact Eric Johnson by phone at 770-667-2040, or by email at eric.johnson@eca-usa.com.

Sincerely yours,
Environmental Corporation of America

Jadyn McCullough
Project Manager

Eric Johnson
Program Manager

500 0 500
Feet

Date Generated: 10/3/2025
Source: Maxar, The National Map

USGS Topographic Map

ECA ID: 25-004212

ECA

FLOOD HAZARD STATEMENT:

THIS COMMUNICATIONS SITE (THE SUBJECT SITE AS SHOWN) IS NOT LOCATED WITHIN THE LIMITS OF A DESIGNATED 100 YEAR FLOOD ZONE PER FEMA\FIRM MAP COMMUNITY PANEL NUMBER 28075C 0250, F, LAUDERDALE COUNTY, MISSISSIPPI. EFFECTIVE DATE FEBRUARY 3, 2010.

PROJECT BENCHMARK

PROJECT BENCHMARK ELEVATION DATUM IS BASED UPON GPS SURVEY METHODS AND PROCEDURES.
TOP OF "CAPPED" IRON PIN SET THIS SURVEY
ELEVATION = 355.85' N.A.V.D. 88
(SEE PLAN FOR LOCATION)

PERIMETER DATA – THE TOWERS LLC'S VARIABLE WIDTH JOINT ACCESS & UTILITY EASEMENT

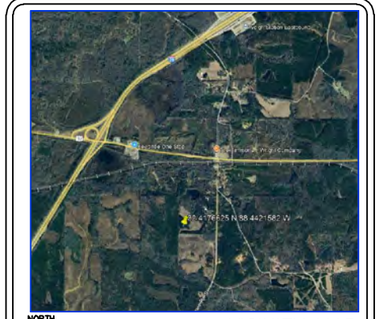
NO.	BEARING	DISTANCE
A	N 90° 00' 00" W	23.09'
B	N 60° 00' 00" E	20.00'
C	N 00° 00' 00" W	20.00'
D	S 00° 00' 00" E	20.00'
E	N 90° 00' 00" E	23.09'
F	N 60° 00' 00" W	20.00'

MS SPC (EAST ZONE)
NAD 83 GRID NORTH

GRID NORTH

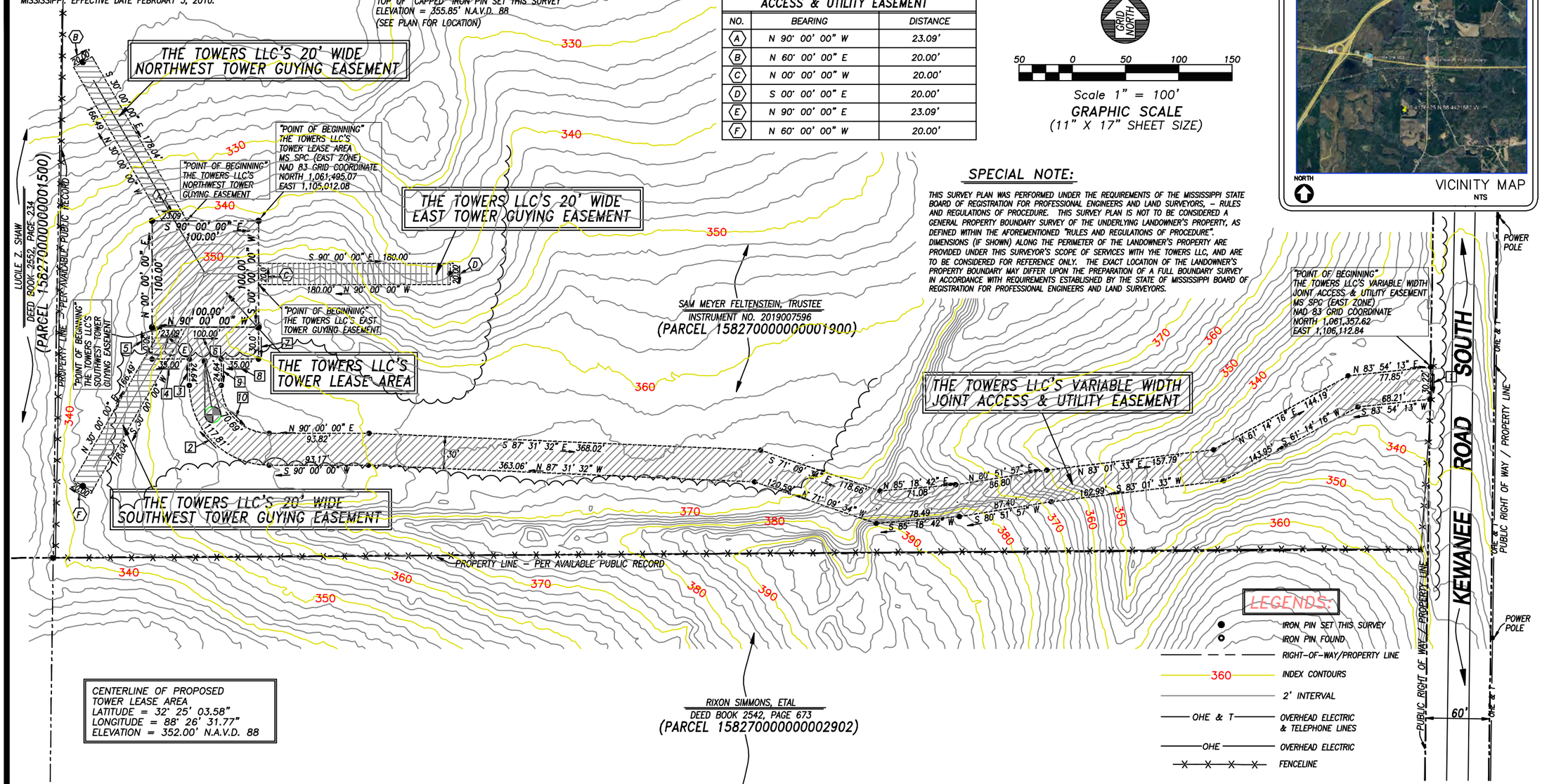
50 0 50 100 150

Scale 1" = 100'
GRAPHIC SCALE
(11" X 17" SHEET SIZE)



SPECIAL NOTE:

THIS SURVEY PLAN WAS PERFORMED UNDER THE REQUIREMENTS OF THE MISSISSIPPI STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, – RULES AND REGULATIONS OF PROCEDURE. THIS SURVEY PLAN IS NOT TO BE CONSIDERED A GENERAL PROPERTY BOUNDARY SURVEY OF THE UNDERLYING LANDOWNER'S PROPERTY, AS DEFINED WITHIN THE AFOREMENTIONED "RULES AND REGULATIONS OF PROCEDURE". DIMENSIONS (IF SHOWN) ALONG THE PERIMETER OF THE LANDOWNER'S PROPERTY ARE PROVIDED UNDER THIS SURVEYOR'S SCOPE OF SERVICES WITH YHE TOWERS LLC, AND ARE TO BE CONSIDERED FOR REFERENCE ONLY. THE EXACT LOCATION OF THE LANDOWNER'S PROPERTY BOUNDARY MAY DIFFER UPON THE PREPARATION OF A FULL BOUNDARY SURVEY IN ACCORDANCE WITH REQUIREMENTS ESTABLISHED BY THE STATE OF MISSISSIPPI BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.



LEGENDS:

- IRON PIN SET THIS SURVEY
- IRON PIN FOUND
- RIGHT-OF-WAY/PROPERTY LINE
- 360 INDEX CONTOURS
- 2' INTERVAL
- OHE & T OVERHEAD ELECTRIC & TELEPHONE LINES
- OHE OVERHEAD ELECTRIC
- FENCELINE

CENTERLINE OF PROPOSED TOWER LEASE AREA
LATITUDE = 32° 25' 03.58"
LONGITUDE = 88° 26' 31.77"
ELEVATION = 352.00' N.A.V.D. 88

PERIMETER DATA – LESSEE'S VARIABLE WIDTH JOINT ACCESS & FIBER/UTILITY EASEMENT

NO.	DELTA/BEARING	RADIUS	LENGTH	TAN	CHORD
1	S 00° 47' 40" W	———	30.22'	———	———
2	90° 00' 00"	75.00'	117.81'	75.00'	N 45° 00' 00" W/106.07'
3	N 00° 00' 00" E	———	24.64'	———	———
4	N 90° 00' 00" W	———	35.00'	———	———
5	N 00° 00' 00" E	———	30.00'	———	———
6	S 90° 00' 00" E	———	100.00'	———	———
7	S 00° 00' 00" W	———	30.00'	———	———
8	N 90° 00' 00" W	———	35.00'	———	———
9	S 00° 00' 00" W	———	24.64'	———	———
10	90° 00' 00"	45.00'	70.69'	45.00'	S 45° 00' 00" E/63.64''

UTILITY NOTE:

THIS SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS AND/OR MAPS PREPARED BY OTHERS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDER-GROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED. THEREFORE, RELIANCE UPON THE TYPE, SIZE AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. MISSISSIPPI ONE CALL: 1-800-227-6477.

FRANK V. NEELY
REGISTERED PROFESSIONAL LAND SURVEYOR
PLS #02610
STATE OF MISSISSIPPI

GENERAL NOTES:

1. I HEREBY CERTIFY THAT THIS SURVEY AND DRAWING HAVE BEEN COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM TECHNICAL STANDARDS FOR THE PRACTICE OF LAND SURVEYING IN THE STATE OF MISSISSIPPI.
2. PARCEL NUMBERS SHOWN THUS (00), REFER TO TAX MAP NO. 184 OF THE TAX ASSESSORS OFFICE OF LAUDERDALE COUNTY, MISSISSIPPI.
3. A SOKKIA GRX-3 GLOBAL POSITIONING RECEIVER WAS USED TO DETERMINE THE MISSISSIPPI STATE PLANE COORDINATES SHOWN HEREON. THE FOLLOWING NGS SURVEY CONTROL STATIONS WERE USED FOR DETERMINATION OF SAID STATE PLANE COORDINATES: ALBU CHOCTAW ELEM CORPS ARP, AL50 ALDOT CORS, ARP, & MSPE PRARIE CORS ARP.
   CONVERGANCE FACTOR = –0.90657222 DEGREES.
   CONVERGANCE FACTOR = 0.99990711 DEGREES.
   COMBINED FACTOR = 0.99989752
4. PROPERTY OWNER:

   SAM MEYER FELTENSTEIN II, TRUSTEE
   38 KEWANEE ROAD SOUTH
   TOOMSUBA, MS 39364

PLOT DATE: SEPTEMBER 6, 2025

verticalbridge

SHARONDALE SURVEYING
NC.
7733 SECOND FIDDLE WAY
ARRINGTON, TN 37014
(615) 513-0032
E-Mail: Shamdal@bellsouth.net

THE TOWERS LLC SITE SURVEY: MISSISSIPPI
"KEWANEE" TOWER SITE
LOCATED IN: LAUDERDALE COUNTY, MISSISSIPPI
TOWER LEASE AREA SURVEY
PREPARED FOR: THE TOWERS LLC
THE TOWERS LLC SITE NUMBER: US-MS-5371

SHEET NUMBER:
1 OF 2

PROJECT NUMBER:
225.069.20

THE TOWERS LLC'S TOWER LEASE AREA DESCRIPTION

Property located in the Northwest Quarter of the Southeast Quarter of Section 27, Township 7 North, Range 18 East, Lauderdale County, Mississippi, being more particularly described as follows:

Beginning at a capped "MS PLS #02610" iron pin set at the northeast corner of The Towers LLC's tower lease area located at Mississippi State Plane (East Zone) NAD 83 Grid Coordinate North 1,061,495.07, East 1,105,112.08;

Thence, South 00 degrees 00 minutes 00 seconds West, 100.00 feet to a capped "MS PLS #02610" iron pin set at the southeast corner of The Towers LLC's tower lease area;

Thence, North 90 degrees 00 minutes 00 seconds West, 100.00 feet to a capped "MS PLS #02610" iron pin set at the southwest corner of The Towers LLC's tower lease area;

Thence, North 00 degrees 00 minutes seconds East, 100.00 feet to a capped "MS PLS #02610" iron pin set at the northwest corner of The Towers LLC's tower lease area;

Thence, North 90 degrees 00 minutes 00 seconds East, 100.00 feet to the point of beginning, containing 10,000 square feet, (0.230 acres).

Being a portion of the property conveyed to Sam Meyer Feltenstein, II, of record in Instrument No. 2019007596, of the Circuit Court Clerk's Office of Lauderdale County, Mississippi.

THE TOWERS LLC'S VARIABLE WIDTH JOINT ACCESS & UTILITY EASEMENT AREA DESCRIPTION

Being a variable width joint access and utility easement extending from the west margin of Kewanee Road South to the south margin of The Towers LLC's tower lease area, being more particularly described as follows:

Beginning at a capped "MS PLS 02610" iron pin set in the west margin of Kewanee Road South located at Mississippi State Plane (East Zone) NAD 83 Grid Coordinate North 1,130,849.91, East 1,030,793.23;

Thence, with the west margin of Kewanee Road South, South 00 degrees 47 minutes 40 seconds West, 30.22 feet to a capped "MS PLS 02610" iron pin set;

Thence, leaving the west margin of Kewanee Road South, South 83 degrees 54 minutes 13 seconds West, 68.21 feet to a point;

Thence, South 61 degrees 14 minutes 16 seconds West, 143.95 feet to a point;

Thence, South 83 degrees 01 minute 33 seconds West, 162.99 feet to a point;

Thence, South 80 degrees 51 minutes 57 seconds West, 87.40 feet to a point;

Thence, South 85 degrees 18 minutes 42 seconds West, 78.49 feet to a point;

Thence, North 71 degrees 09 minutes 34 seconds West, 120.59 feet to a point;

Thence, North 87 degrees 31 minutes 32 seconds West, 363.06 feet to a point;

Thence, North 90 degrees 00 minutes 00 seconds West, 93.17 feet to a point;

Thence, along a curve to the right with a central angle of 90 degrees 00 minutes 00 seconds, a radius of 75.00 feet, and a chord bearing of North 45 degrees 00 minutes 00 seconds West, 106.07 feet, a total distance of 117.81 feet to a point;

Thence, North 00 degrees 00 minutes 00 seconds East, 24.64 feet to a point;

Thence, North 90 degrees 00 minutes 00 seconds West, 35.00 feet to a point;

Thence, North 00 degrees 00 minutes 00 seconds East, 30.00 feet to a capped "MS PLS #02610" iron pin set at the southwest corner of The Towers LLC's tower lease area;

Thence, with the south margin of The Towers LLC's tower lease area, North 90 degrees 00 minutes 00 seconds East, 100.00 feet to a capped "MS PLS #02610" iron pin set at the southeast corner of The Towers LLC's tower lease area;

Thence, leaving the south margin of The Towers LLC's tower lease area, South 00 degrees 00 minutes 00 seconds West, 30.00 feet to a point;

Thence, North 90 degrees 00 minutes 00 seconds West, 35.00 feet to a point;

Thence, South 00 degrees 00 minutes 00 seconds West, 24.64 feet to a point;

Thence, along a curve to the left with a central angle of 90 degrees 00 minutes 00 seconds, a radius of 45.00 feet, and a chord bearing of South 45 degrees 00 minutes 00 seconds East, 63.64 feet, a total distance of 70.69 feet to a point;

Thence, South 90 degrees 00 minutes 00 seconds East, 93.82 feet to a point;

Thence, South 87 degrees 31 minutes 32 seconds East, 368.02feet to a point;

Thence, South 71 degrees 09 minutes 34 seconds East, 118.66 feet to a point;

Thence, North 85 degrees 18 minutes 42 seconds East, 71.08 feet to a point;

Thence, North 80 degrees 51 minutes 57 seconds East, 86.80 feet to a point;

Thence, North 83 degrees 01 minute 33 seconds East, 157.79 feet to a point;

Thence, North 61 degrees 14 minutes 16 seconds East, 144.19 feet to a point;

Thence, North 83 degrees 54 minutes 13 seconds East, 77.85 feet to the point of beginning, containing 40,107 square feet, (0.921 acres).

Being a portion of the property conveyed to Sam Meyer Feltenstein, II, of record in Instrument No. 2019007596, of the Circuit Court Clerk's Office of Lauderdale County, Mississippi..

THE TOWERS LLC'S 20' WIDE NORTHWEST TOWER GUYING EASEMENT

Beginning at a point in the north margin of The Towers LLC's tower lease area being North 90 degrees 00 minutes 00 seconds West, 67.12 feet from a capped "MS PLS #02610" iron pin set at the northeast corner of The Towers LLC's tower lease area;

Thence, with the north margin of The Towers LLC's tower lease area, South 90 degrees 00 minutes 00 seconds West, 23.09 feet to a point;

Thence, leaving the north margin of The Towers LLC's tower lease area, North 30 degrees 00 minutes 00 seconds West, 166.49 feet to a point;

Thence, North 60 degrees 00 minutes 00 seconds East, passing a capped "MS PLS #02610" iron pin set at 10.00 feet, a total distance of 20.00 feet to a point;

Thence, South 30 degrees 00 minutes 00 seconds East, 178.04 feet to the point of beginning, containing 3,445 square feet, (0.079 acres).

Being a portion of the property conveyed to Sam Meyer Feltenstein, II, of record in Instrument No. 2019007596, of the Circuit Court Clerk's Office of Lauderdale County, Mississippi.

THE TOWERS LLC'S 20' WIDE EAST TOWER GUYING EASEMENT

Beginning at a point in the east margin of The Towers LLC's tower lease area being North 00 degrees 00 minutes 00 seconds East, 40.00 feet from a capped "MS PLS #02610" iron pin set at the southeast corner of The Towers LLC's tower lease area;

Thence, with the east margin of The Towers LLC's tower lease area, North 00 degrees 00 minutes 00 seconds East, 20.00 feet to a point;

Thence, leaving the east margin of The Towers LLC's tower lease area, North 90 degrees 00 minutes 00 seconds East, 180.00 feet to a point;

Thence, South 00 degrees 00 minutes 00 seconds West, passing a capped "MS PLS #02610" iron pin set at 10.00 feet, a total distance of 20.00 feet to a point;

Thence, North 0 degrees 00 minutes 00 seconds West, 180.00 feet to the point of beginning, containing 3,600 square feet, (0.083 acres).

Being a portion of the property conveyed to Sam Meyer Feltenstein, II, of record in Instrument No. 2019007596, of the Circuit Court Clerk's Office of Lauderdale County, Mississippi.

THE TOWERS LLC'S 20' WIDE SOUTHWEST TOWER GUYING EASEMENT

Beginning at a point in the south margin of The Towers LLC's tower lease area being South 90 degrees 00 minutes 00 seconds East, 9.58 feet from a capped "MS PLS #02610" iron pin set at the northeast corner of The Towers LLC's tower lease area;

Thence, with the South margin of The Towers LLC's tower lease area, North 90 degrees 00 minutes 00 seconds East, 23.09 feet to a point;

Thence, leaving the south margin of The Towers LLC's tower lease area, South 30 degrees 00 minutes 00 seconds West, 178.04 feet to a point;

Thence, South 60 degrees 00 minutes 00 seconds West, passing a capped "MS PLS #02610" iron pin set at 10.00 feet, a total distance of 20.00 feet to a point;

Thence, North 30 degrees 00 minutes 00 seconds East, 166.49 feet to the point of beginning, containing 3,445 square feet, (0.079 acres).

Being a portion of the property conveyed to Sam Meyer Feltenstein, II, of record in Instrument No. 2019007596, of the Circuit Court Clerk's Office of Lauderdale County, Mississippi.

UNDERLYING LANDOWNER'S PROPERTY AREA DESCRIPTION

All of that part of the Northwest Quarter of Southeast Quarter of Section 27, Township 7 North, Range 18 East, lying West of the Kewanee and Salem Baptist Church paved road, comprising 39 acres, more or less.

Parcel ID No.: 158270000000001900

This being the same property conveyed to Sam Meyer Feltenstein, II, as trustee of the Sam Meyer Feltenstein, II Living Trust dated August 21, 2019 from Sam Meyer Feltenstein, II, a single man in a Deed and Memorandum of Trust dated Augsut 26, 2019, and recorded August 269, 2019 as Instrument No. 2019007596 in Lauderdale County, Mississippi.

SURVEYOR'S REVIEW OF "SPECIAL EXCEPTIONS"

NOTES CORRESPONDING TO TOWER TITLE INSURANCE COMPANY'
"TITLE COMMITMENT" – COMMITMENT NO. VTB–213892–C, ISSUED AUGUST 6, 2025.

SPECIAL EXCEPTION NUMBER ONE THROUGH NINE ARE NOT THE TYPE OF EXCEPTION(S) TO BE SHOWN UPON THE FACE OF THIS SURVEY.

10 — RIGHT OF WAY EASEMENT BETWEEN SAM M. FELTENSTEIN II, AND SOUTH CENTRAL BELL TELEPHONE COMPANY, OF RECORD IN BOOK 1014, PAGE 536, OF THE COURT CLERK'S OFFICE OF LAUDERDALE COUNTY, MISSISSIPPI, DOES NOT AFFECT THE TOWERS LLC'S TOWER LEASE AND EASEMENT AREA INTERESTS.

11 — RIGHT OF WAY EASEMENT BETWEEN SAM M. FELTENSTEIN II, AND TOOMSUBA WATER SYSTEM IND, A MISSISSIPPI CORP., OF RECORD IN BOOK 1392, PAGE 364, OF THE COURT CLERK'S OFFICE OF LAUDERDALE COUNTY, MISSISSIPPI, DOES NOT AFFECT THE TOWERS LLC'S TOWER LEASE AND EASEMENT AREA INTERESTS.

SURVEYOR'S STATEMENTS:

I hereby certify to: Vertical Bridge REIT, LLC, a Delaware limited liability company, it's subsidiaries, and their respective successors and/or assigns, it's lenders, and administrative agents and each of their respective successors and/or assigns, and Tower Title, LLC, that (i) the The Towers LLC Access and Utility Easement run to a confirmed public R.O.W., (ii) The Towers LLC's tower lease and easement areas lie entirely within the Parent Parcel(s), (iii) at the time of this survey, there were no encroachments affecting The Towers LLC's Tower Lease or The Towers Easement Areas.

FRANK V. NEELEY REGISTERED PROFESSIONAL LAND SURVEYOR PLS #02610 STATE OF MISSISSIPPI

F. V. Neeley

Frank V. Neeley, Registered Land Surveyor
State of Mississippi PLS # 02610.

PLOT DATE: SEPTEMBER 6, 2025

verticalbridge

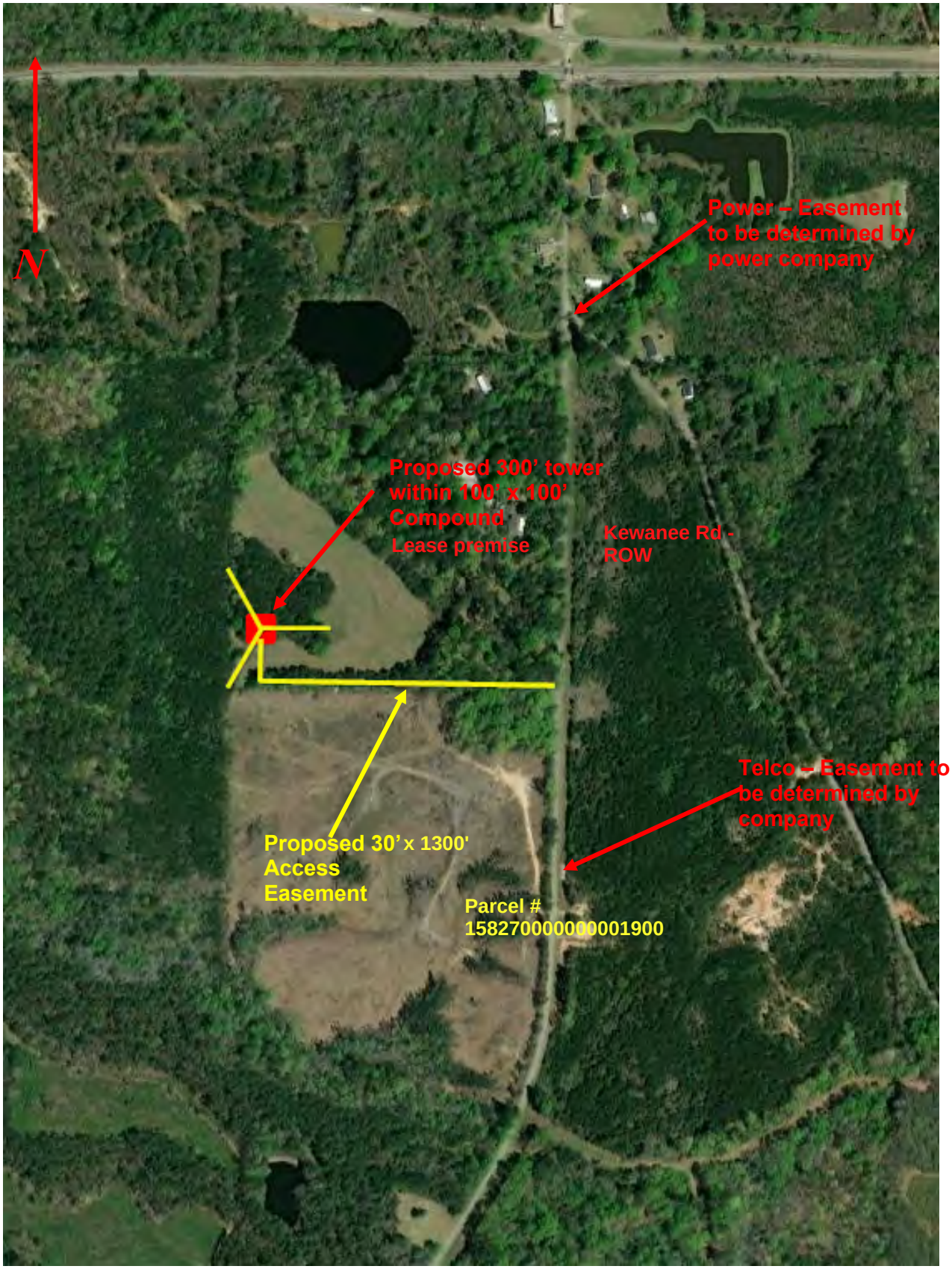
SHARONDALE SURVEYING INC.
7733 SECOND FIDDLE WAY
ARRINGTON, TN 37014
(615) 513–0032
E–Mail: Sharndal@bellsouth.net

THE TOWERS LLC SITE SURVEY: MISSISSIPPI
"KEWANEE" TOWER SITE
LOCATED IN: LAUDERDALE COUNTY, MISSISSIPPI
TOWER LEASE AREA SURVEY
PREPARED FOR: THE TOWERS LLC
THE TOWERS LLC SITE NUMBER: US–MS–5371

SHEET NUMBER:
1 OF 2

PROJECT NUMBER:
225.069.20

SITE SKETCH / SITE PLAN ATTACHMENT



Date Generated: 10/3/2025
Source: U.S. Fish and Wildlife Service

Critical Habitat for Threatened & Endangered Species

ECA ID: 25-004212

ECA

CONAME	NAME_CAT_1	SNAME	SCOMNAME	G_RANK	S_RANK	Fed_Status	State_Stat
Lauderdale	Vertebrate Animal	Alosa alabamae	Alabama Shad	G2G3	S2	C	LE
Lauderdale	Invertebrate Animal	Anodontoides radiatus	Rayed Creekshell	G5T1	SX	LE	LE
Lauderdale	Invertebrate Animal	Elliptio arctata	Delicate Spike	G3	S1	LE	LE
Lauderdale	Vertebrate Animal	Graptemys gibbonsi	Pascagoula Map Turtle	G1	SX	LE	LE
Lauderdale	Invertebrate Animal	Hobbseus cristatus	Crested Rivulet Crayfish	G2	S1	LE	LE
Lauderdale	Invertebrate Animal	Obovaria unicolor	Alabama Hickorynut	G4	S2N	LT	LE
Lauderdale	Vertebrate Animal	Perimyotis subflavus	Tri-colored Bat	G4	S1N		LE
Lauderdale	Vertebrate Animal	Gopherus polyphemus	Gopher Tortoise	G5T2	S1		LE
Lauderdale	Vertebrate Animal	Percina aurora	Pearl Darter	G2G3	S3S4	LE	C
Lauderdale	Vertebrate Animal	Pituophis melanoleucus lodingi	Black Pine Snake	G2G3	S3S4	LE	C

Date Generated: 10/3/2025
Source: U.S. Fish and Wildlife Service

Critical Habitat for Threatened & Endangered Species

ECA ID: 25-004212

ECA

ATTACHMENT D

Resume

Ben Salter, PWS

Vice President of Environmental and Ecological Services/Principal Scientist
1340 Patton Avenue, Suite K, Asheville, NC 28806
(828) 505-0755
ben.salter@eca-usa.com

EDUCATION

Western Carolina University — Cullowhee, NC
Master of Science, Biology, August 2004

Georgia College & State University — Milledgeville, GA
Bachelor of Science, Biology, December 1998
Chemistry Minor

Short Courses/Specialized Training
OSHA HAZWOPER, 40-hour, 2016
Asbestos Building Inspector, 2015
Tennessee Hydrologic Determination Training Course, 2014
Applying the NEPA Process and Writing Effective NEPA Documents, 2013
Interagency Coordination for Endangered Species, 2013
NEPA Cumulative Effects Analysis, 2013
SonoBat Workshop, 2013
Overview of NHPA Section 106, 2013
GA DOT Coastal Wetland Plant Identification w/ Dr. Bob Mohlenbrock, 2010
Airports Council International – North American NEPA Workshop, 2009
NC State Stream Restoration Design Principles, 2007
Rosgen Level 1 – Applied Fluvial Geomorphology, 2006
VDEQ Stream Impact and Compensation Assessment Manual Workshop, 2006
VIMS Perennial Stream Workshop, 2005

PROFESSIONAL REGISTRATIONS

Society of Wetland Scientists, Professional Wetland Scientist, 2012 to present
EPA AHERA-Accredited Asbestos Building Inspector, 1999 to 2002; 2015 to present

PROFESSIONAL EXPERIENCE

November 2007 – Present **Environmental Corporation of America** Asheville, NC
Position: Principal Scientist, Vice President of Environmental and Ecological Services
Responsibilities:
Technical Compliance Lead and Manager of ECA Environmental Team and Services including Phase I and II ESA, NEPA, T&E Species and Migratory Bird Assessment/Consultation, and Wetlands/Waters delineation and permitting; Responsible for client management, staff development, final QA/QC review, and overall success, efficiency, and technical/regulatory oversight for managed services.

April 2006 – November 2007 **Blue Ridge Ecological** Waynesville, NC
Position: Principal Scientist, Partner
Responsibilities:
Partner/Principal Scientist in natural resource management firm focused on fisheries/lake management, watershed assessment, water quality monitoring, and biological assessment.

January 2005 – November 2007 **Malcolm Pirnie, Inc.** Newport News, VA
Position: Project Environmental Scientist
Responsibilities:
Wetland and Stream Scientist, National Environmental Policy Act Specialist, and Environmental Scientist; Primary responsibilities included EA and EIS writer, wetland and stream field scientist, and environmental site assessor.

August 2002 – December 2004 **Western Carolina University** Cullowhee, NC

Position: Research and Teaching Assistant

Responsibilities:

Fisheries Scientist and Biology/Ecology Laboratory Instructor

May 2003 – September 2003 **United States Forest Service** Asheville, NC

Position: Biological Science Technician

Responsibilities:

Fisheries scientist for southern Appalachian brook trout project. Collected brook trout tissue samples in headwater streams throughout Western North Carolina and conducted genetic analysis for determining origin.

January 1999 – May 2002 **Environmental Corporation of America** Alpharetta, GA

Position: Project Scientist/Manager

Responsibilities:

Project manager for environmental projects including Phase I and II Environmental Assessments, FCC NEPA assessment, asbestos and lead-based paint inspection, and abatement monitoring and specification preparation, cultural resource assessments, threatened and endangered species surveys, wetland delineation, groundwater monitoring and remediation system installation, geotechnical investigation, construction materials testing, and telecommunications tower construction plan review.

JOURNAL PUBLICATIONS

Miller, JR, **EB Salter**, JB Anderson, PJ Lechler, SL Kondrad, PF Galbreath. 2005. Influence of Temporal Variations in Water Chemistry on the Pb Isotopic Compositions of Rainbow Trout (*Oncorhynchus mykiss*). Science of the Total Environment, 350, p. 204-224.

REPRESENTATIVE EXPERIENCE

Wetland/Waters Delineation and Section 404/401 Permitting

Project/Field Scientist and Principal Scientist involvement in wetland/waters delineations and assessments and associated Section 404/401 (Nationwide and Individual Permits), CZMA, and local permitting for projects in over 20 states; Regulatory Lead and staff management in support of all company wetlands/waters related services for the past 10 years.

Phase I and II ESA, Hazardous Remediation/Waste Handling, and Health and Safety Compliance

Qualified Environmental Professional per 40 CFR 312.10(b); Project Scientist/Manager and Principal Scientist involvement in Phase I and II ESAs throughout the nation on a variety of property types including commercial, industrial, municipal, government, communications, and residential facilities, and large undeveloped tracts; Field Staff and Technical Lead for field execution, scoping, and regulatory compliance related to Phase II ESA and coordination of remediation of impacted soil and associated waste disposal and handling as necessary; Primary Phase II and waste disposal and handling experience with existing and proposed communications facilities but with involvement at commercial, industrial, residential, and fuel station/automotive facilities; Technical Lead for preparation of Health and Safety Plans and impacted media management plans for communications facilities across the nation.

National Environmental Policy Act Evaluation/Documentation

Project Manager, Principal Scientist, and lead agency/stakeholder liaison for NEPA related services nationwide for numerous lead federal agencies; Involvement with EIS, EA, Categorical Exclusions, and Feasibility Studies; Expert FCC NEPA Scientist with over 20 years in the communications industry; Commonly works with a prominent Native American Indian Tribe in the Southeast to prepare NEPA documentation for projects located on Tribal-owned lands.

Threatened and Endangered Species and Migratory Bird Evaluation/Consultation

Project and Principal level involvement in thousands of T&E species evaluations and consultations with the USFWS and State Wildlife Agencies including technical assistance, programmatic agreement, self-certification, informal, and formal consultations; Field and Principal level participation in hundreds of migratory bird nest evaluations at communications facilities to ensure compliance with the Migratory Bird Treaty Act; Technical Compliance/Regulatory Lead and staff management in support of all company T&E and migratory bird-related services.

November 20, 2025

Mississippi Department of Wildlife, Fisheries, and Parks
1505 Eastover Dr.
Jackson, MS 39211

Subject: **Proposed 310-Foot Guyed Telecommunications Structure**
The Towers, LLC Site - Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
Latitude: 32° 25' 3.6"N, Longitude: 88° 26' 31.8"W ECA
Project No.: 25-004212

To Whom It May Concern:

Environmental Corporation of America (ECA) is assisting The Towers, LLC with Federal Communications Commission (FCC) National Environmental Policy Act (NEPA) documentation for the proposed project.

The purpose of this letter is to request comments relative to potential effects on state or federal listed or proposed threatened or endangered species. Attached are various site plans and location information for your consideration.

The Towers, LLC plans to construct a 310-foot tall (overall height including appurtenances) guyed telecommunications structure within a 100-foot by 100-foot project area. The proposed tower is anticipated to utilize FAA Style E (medium intensity, dual red/white strobes) lighting and will utilize guy-wires. The proposed project area is occupied by grassed and wooded land in an area generally characterized by wooded and grassed residential development.

We appreciate your assistance with this undertaking. For any questions or additional information, please contact Eric Johnson by phone at 770-667-2040, or by email at eric.johnson@eca-usa.com.

Sincerely yours,
Environmental Corporation of America

Jadyn McCullough
Project Manager

Eric Johnson
Program Manager

Appendix F

Historic and Cultural Resources

MDAH
MISSISSIPPI DEPARTMENT OF
ARCHIVES & HISTORY

P.O. Box 571
Jackson, MS 39205-0571
601-576-6850
mdah.ms.gov

January 7, 2026

Ms. Holly Fulkerson
Environmental Corporation of America
1375 Union Hill Industrial Court #A
Alpharetta, Georgia 30004

RE: Cultural Resources Assessment, Proposed 310-Foot Tall Self-Supporting Lattice Telecommunications Structure (Overall Height with Appurtenances) The Towers, LLC Site – Kewanee (US-MS-5371), Kewanee Road South, Toomsuba, (FCC) MDAH Project Log #12-111-25, Report #26-0014, Lauderdale County

Dear Ms. Fulkerson:

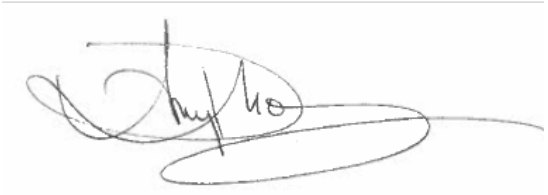
We have reviewed December 19, 2025, cultural resources survey, by Shannon Lowman, Principal Investigator, received on December 22, 2025, for the above referenced undertaking, pursuant to our responsibilities under Section 106 of the National Historic Preservation Act and 36 CFR Part 800.

After reviewing the information provided, SHPO concurs with the determination of eligibility written therein for the Kewanee Baptist Church. Furthermore, the Simmons-Wright Company Store, listed in the National Register on March 13, 2008, is within the visual APE range for the proposed project. However, given the intervening vegetation between the proposed tower and the historic resource, the project will have No Adverse Effect on the Simmons-Wright Company Store building. Therefore, we have no reservations with the undertaking.

There remains the possibility that unrecorded cultural resources may be encountered during the project. Should this occur, we would appreciate your contacting this office immediately in order that we may offer appropriate comments under 36 CFR 800.13.

Please provide a copy of this letter to Ms. Lowman. If you need further information, please contact us at section106@mdah.ms.gov.

Sincerely,



Amy D. Morgan
Review and Compliance Officer

FOR: Katie Blount
State Historic Preservation Officer

Board of Trustees: Spence Flatgard, *president* | Nancy Carpenter, *vice president* | Cyrus Ben | Reginald Buckley | Carter Burns | Betsey Hamilton | Mark E. Keenum | Lucius M. Lampton | TJ Taylor

Publisher's Certificate of Publication

STATE OF MISSISSIPPI

Robert Blankenship, being duly sworn, on oath says he is and during all times herein stated has been the publisher and printer of The Meridian Star (the "Newspaper"), has full knowledge of the facts herein stated as follows:
1. The Newspaper printed the copy of the matter attached hereto (the "Notice") was copied from the columns of the Newspaper and was printed and published in the English language on the following days and dates:

11/29/25

2. The sum charged by the Newspaper for said publication is the actual lowest classified rate paid by commercial customer for an advertisement of similar size and frequency in the same newspaper in which the Notice was published.

3. There are no agreements between the Newspaper, publisher, manager or printer and the officer or attorney charged with the duty of placing the attached legal advertising notice whereby any advantage, gain or profit accrued to said officer or attorney.

Robert Blankenship, Publisher

Subscribed and sworn to before me this
29th Day of November, 2025

Taylor Dailey, Notary Public
State of Mississippi at Large
My commission expires 05-01-2027

STATE OF MISSISSIPPI NOTARY PUBLIC ID # 348038 TAYLER M. DAILEY Commission Expires May 1, 2027 NEWTON COUNTY

Account # 337700
Ad # 2075105

INKLYNK
2300 BETHELVIEW RD STE 110-302
CUMMING GA 30040

PUBLIC NOTICE

The Towers, LLC is proposing to construct a 310-foot overall height guyed telecommunications structure located near Kewanee Road South, Toomsuba, Lauderdale County, Mississippi (32° 25' 3.6"N, 88° 26' 31.8"W). The proposed tower is anticipated to utilize FAA Style E (medium intensity, dual red/white strobes) lighting.
The Towers, LLC invites comments from any interested party on the impact the proposed undertaking may have on any districts, sites, buildings, structures, or objects significant in American history, archaeology, engineering, or culture that are listed or determined eligible for listing in the National Register of Historic Places. Comments may be sent to Environmental Corporation of America, ATTN: Annamarie Howell, 1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004 or via email to publicnotice@eca-usa.com. Ms. Howell can be reached at (770) 667-2040 x 108 during normal business hours. Comments must be received within 30 days of the date of this notice.
In addition, any interested party may also request further environmental review of the proposed action under the FCC's National Environmental Policy Act rules, 47 CFR §1.1307, by notifying the FCC of the specific reasons that the action may have a significant impact on the quality of the human environment. This request must only raise environmental concerns and can be filed online using the FCC pleadings system at www.fcc.gov or mailed to FCC Requests for Environmental Review, Attn: Ramon Williams, 445 12th Street SW, Washington, DC 20554 within 30 days of the date that notice of this proposed action is published on the FCC's website. Refer to File No. A1339867 when submitting the request and to view the specific information about the proposed action. 25-004212/hjf

Meridian Star:
Nov. 29, 2025
118003

Holly Fulkerson

From: E106
Sent: Tuesday, December 23, 2025 3:49 PM
To: Project Managers
Subject: FW: Section 106 New Filing Submitted- Email ID #11855141

Dina M. Bazzill – MA, RPA (She/Her)
Environmental Corporation of America (ECA)
252-412-7960 (mobile)

From: towernotifyinfo@fcc.gov <towernotifyinfo@fcc.gov>
Sent: Monday, December 22, 2025 9:53 AM
To: Dina Bazzill <dina.bazzill@eca-usa.com>
Subject: Section 106 New Filing Submitted- Email ID #11855141

The following new Section 106 filing has been submitted:

File Number: 0011839929
TCNS Number: 303379
Purpose: New Tower Submission Packet

Notification Date: 7AM EST 12/23/2025

Applicant: The Towers, LLC
Consultant: Environmental Corporation of America
Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: No
Site Name: The Towers LLC Site - Kewanee (US-MS-5371)
Site Address: Kewanee Road South
Detailed Description of Project: The applicant plans to construct a 310-foot tall (overall height) guyed telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004212
Site Coordinates: 32-25-3.6 N, 88-26-31.8 W
City: Toomsuba
County: LAUDERDALE
State:MS
Lead SHPO/THPO: Mississippi Division of Historic Preservation (Deputy SHPO)

Consultant Contact Information:
Name: Environmental Corporation of America
Title: MA, RPA Principal Investigator
PO Box:
Address: 1375 Union Hill Industrial Court Suite A
City: Alpharetta
State: GA

Zip: 30004
Phone: 770-667-2040
Fax:
Email: dina.bazzill@eca-usa.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.

This e-mail may contain trade secrets or privileged, undisclosed, or otherwise confidential information. If you have received this e-mail in error, you are hereby notified that any review, copying, or distribution of it is strictly prohibited. Please inform us immediately and destroy the original transmittal. Thank you for your cooperation.

ENVIRONMENTAL CORPORATION OF AMERICA

ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

Section 106 Review

TCNS ID 303379

Proposed 310-Foot Tall Guyed-Type Telecommunications Structure
(Overall Height with Appurtenances)

The Towers, LLC Site –
Kewanee (US-MS-5371)

Kewanee Road South
Toomsuba, Lauderdale County,
Mississippi

ECA Project No. 25-004212

SUBMITTED TO:

Mississippi Department of Archives & History
Historic Preservation
P.O. Box 571
Jackson, Mississippi 39205-0571

PREPARED BY:

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

December 19, 2025

Mississippi Department of Archives & History
Historic Preservation
P.O. Box 571
Jackson, Mississippi 39205-0571

Attention: **Ms. Amy Myers – Preservation Planning Administrator**

Subject: **Section 106 Review**
TCNS ID # 303379
Proposed 310-Foot Tall Guyed-Type Telecommunications Structure
(Overall Height With Appurtenances)
The Towers, LLC Site – Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
ECA Project #: 25-004212

Dear Ms. Myers:

Environmental Corporation of America's (ECA) client, The Towers, LLC is proposing to construct a telecommunications facility as described in the following FCC Form 620, New Tower (NT) Submission Packet. ECA understands that The Towers, LLC plans to construct a 310-foot tall overall height guyed-type telecommunications structure within a proposed 100-foot by 100-foot (30-meter by 30-meter) lease area. The proposed lease area would be accessible by a proposed approximate 1,340-foot by variable-width (408-meter by variable-width) access/utility easement. The proposed project area would also include three proposed guy-wire easements, each measuring between 173-foot to 180-foot long by 20-foot wide (53-meter to 55-meter by 6-meter).

ECA has identified and evaluated Historic Properties, if any, within the Area of Potential Effect (APE) for visual and direct effects as directed in Section VI.D.1 and 2 of the Nationwide Programmatic Agreement, effective on March 7, 2005. We identified one Historic Property, *Simmons-Wright Company Store* (NRHP# 08000198), listed in the National Register of Historic Places (NRHP) within the ¾-mile APE for visual effects but outside the APE for direct effects.

ECA conducted a review of the recorded historic resource files utilizing the online Mississippi Historic Resources Inventory Database (HRI). We identified no Historic Properties eligible for listing in the NRHP within the ¾-mile APE for visual effects or the APE for direct effects. In addition, ECA identified one resource, *Kewanee Baptist Church* (075-MER-5407), on the Other layer of the MDAH HRI Database within the ¾-mile APE for visual effects but outside the APE

for direct effects. Upon a review of the MHRI entries and the MDAH site files available online, ECA was not able to identify a previously recorded determination of eligibility for listing in the NRHP for this historic resource.

On November 17, 2025, Dr. William Vaughan conducted research at the MDAH and examined physical files for the historic resource for a previously recorded evaluation for NRHP eligibility. *Kewanee Baptist Church* (075-MER-5407) was unevaluated. In conclusion, ECA identified no additional Historic Properties listed or eligible for listing in the NRHP within the ¾-mile APE for visual effects or APE for direct effects.

Simmons-Wright Company Store **(NRHP# 08000198)** is located at 5493 US 11-80, approximately 2,700 feet (823 meters) northeast of the proposed undertaking. A representative photograph and photographic view towards the proposed undertaking have been designated as 1A-1B (see Attachment B-1b/c). Based on ECA's viewshed analysis, the proposed tower would not be visible from the Historic Property due to distance and intervening vegetation. Therefore, it is ECA's opinion that the proposed undertaking would have no effect on *Simmons-Wright Company Store.*

An Archaeological Assessment was conducted within the APE for direct effects. During our database research using the HRI, we identified no previously recorded archaeological sites and two archaeological surveys within the 1-mile background research radius but outside the APE for direct effects. During ECA's site visit, no archaeological artifacts or cultural features were identified. See the separate archaeological assessment for additional information.

Based on this documentation, prepared in accordance with the Nationwide Programmatic Agreement effective March 7, 2005, ECA believes that this proposed undertaking would have no effect on any Historic Properties identified in accordance with the NPA. Therefore, ECA recommends a finding of No Historic Properties Affected for the proposed undertaking for the APE for visual and direct effects.

We are submitting this letter, on behalf of The Towers, LLC to seek concurrence with this finding and to comply with Federal Communications Commission (FCC) requirements as identified in 47 CFR 1.1307. We request your concurrence with our finding. Please contact Dina M. Bazzill at 252-412-7960 or dina.bazzill@eca-usa.com with questions or comments.

Sincerely,
Environmental Corporation of America

Holly Jansen Fulkerson, MA
Senior Project Manager

Annamarie Howell, MA
Principal Historian

FCC Form 620

Notification Date:
File Number:

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): **0033344334**
4) Name: **The Towers, LLC**

Contact Name

5) First Name: **Heath**	6) MI:	7) Last Name: **McCall**	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	**And /Or**	11) Street Address: **750 Park of Commerce Drive Suite 200**		
12) City: **Boca Raton**			13) State: **FL**	14) Zip Code: **33487**
15) Telephone Number: **(702)614-4431**		16) Fax Number:		
17) E-mail Address: **heath.mccall@verticalbridge.com**				

Consultant Information

18) FCC Registration Number (FRN): **0011662921**
19) Name: **Environmental Corporation of America**

Principal Investigator

20) First Name: **Dina**	21) MI:	22) Last Name: **Bazzill**	23) Suffix:
24) Title: **MA, RPA Principal Investigator**			

Principal Investigator Contact Information

25) P.O. Box:	**And /Or**	26) Street Address: **1375 Union Hill Industrial Court Suite A**		
27) City: **Alpharetta**			28) State: **GA**	29) Zip Code: **30004**
30) Telephone Number: **(770)667-2040**		31) Fax Number:		
32) E-mail Address: **dina.bazzill@eca-usa.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

(**X**) 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: **Shannon**	37) MI:	38) Last Name: **Lowman**	39) Suffix:

40) Title: **MA, RPA, Principal Investigator**

41) Areas of Professional Qualification:

(**X**) Archaeologist

( ) Architectural Historian

(**X**) Historian

( ) Architect

( ) Other (Specify) _____

36) First Name: **Holly**	37) MI: **J**	38) Last Name: **Fulkerson**	39) Suffix:

40) Title: **MA - Historian-Project Manager**

41) Areas of Professional Qualification:

( ) Archaeologist

( ) Architectural Historian

(**X**) Historian

( ) Architect

( ) Other (Specify) _____

36) First Name: **Chase**	37) MI:	38) Last Name: **Rodriguez**	39) Suffix:

40) Title: **MA - Project Archaeologist**

41) Areas of Professional Qualification:

(**X**) Archaeologist

( ) Architectural Historian

(**X**) Historian

( ) Architect

( ) Other (Specify) _____

36) First Name: **Annamarie**	37) MI:	38) Last Name: **Howell**	39) Suffix:

40) Title: **MA, Principal Historian**

41) Areas of Professional Qualification:

( ) Archaeologist

( ) Architectural Historian

(**X**) Historian

( ) Architect

( ) Other (Specify) _____

Site Information

Tower Construction Notification System

1) TCNS Notification Number: **303379**

Site Information

2) Positive Train Control Filing Subject to Expedited Treatment Under Program Comment: ( ) Yes (X) No

3) Site Name: **The Towers LLC Site - Kewanee (US-MS-5371)**

4) Site Address: **Kewanee Road South**

5) Detailed Description of Project:

The applicant plans to construct a 310-foot tall (overall height) guyed telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004212

6) City: **Toomsuba**	7) State: **MS**	8) Zip Code: **39364**

9) County/Borough/Parish: **LAUDERDALE**

10) Nearest Crossroads: **Kewanee Road South and Kewanee Church Road**

11) **NAD 83** Latitude (DD-MM-SS.S): **32-25-03.6** (X) N or ( ) S

12) **NAD 83** Longitude (DD-MM-SS.S): **088-26-31.8** ( ) E or (X) W

Tower Information

13) Tower height above ground level (include top-mounted attachments such as lightning rods): **94.5** ( ) Feet (X) Meters

14) Tower Type (Select One):

(X) Guyed lattice tower

( ) 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):

( ) No Historic Properties in Area of Potential Effects (APE)

(**X**) 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**) Yes ( ) No

2a) Tribes/NHOs contacted through TCNS Notification Number: **303379** Number of Tribes/NHOs: **9**

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: **Brina**	6) MI:	7) Last Name: **Williams**	8) Suffix:

9) Title: **THPO**

Dates & Response

10) Date Contacted **11/26/2025** 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: **Delvin**	6) MI:	7) Last Name: **Johnson**	8) Suffix:

9) Title: **Historic Preservation Officer**

Dates & Response

10) Date Contacted **11/26/2025** 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: **303379** Number of Tribes/NHOs: **9**

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: **Bad River Band of Lake Superior Tribe of Chippewa Indians**

Contact Name

5) First Name: **Lawrence**	6) MI:	7) Last Name: **Plucinski**	8) Suffix:

9) Title: **THPO**

Dates & Response

10) Date Contacted **11/26/2025** 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: **Choctaw Nation of Oklahoma**

Contact Name

5) First Name: **Sydney**	6) MI:	7) Last Name: **Youngblood-Blanton**	8) Suffix:

9) Title: **Compliance Review Specialist NHPA**

Dates & Response

10) Date Contacted **11/26/2025** 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: **303379** Number of Tribes/NHOs: **9**

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: **Coushatta Indian Tribe**

Contact Name

5) First Name: **Dakota**	6) MI:	7) Last Name: **John**	8) Suffix:
9) Title: **THPO**			

Dates & Response

10) Date Contacted **11/26/2025** 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: **Crow Creek Sioux Tribe**

Contact Name

5) First Name: **Merle**	6) MI:	7) Last Name: **Marks**	8) Suffix:
9) Title: **THPO**			

Dates & Response

10) Date Contacted **11/26/2025** 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: **303379** Number of Tribes/NHOs: **9**

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: **Jena Band of Choctaw Indians**

Contact Name

5) First Name: **Lillie**	6) MI:	7) Last Name: **Williamson**	8) Suffix:

9) Title: **TCNS Representative**

Dates & Response

10) Date Contacted **11/26/2025** 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: **Mississippi Band of Choctaw Indians**

Contact Name

5) First Name: **Melanie**	6) MI:	7) Last Name: **Carson**	8) Suffix:

9) Title: **THPO**

Dates & Response

10) Date Contacted **11/26/2025** 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**) **Y**es ( ) **N**o

2a) Tribes/NHOs contacted through TCNS Notification Number: **303379** Number of Tribes/NHOs: **9**

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: **Tunica-Biloxi Tribe of LA**

Contact Name

5) First Name: **Earl**	6) MI: **J**	7) Last Name: **Barbry**	8) Suffix: **Jr**
9) Title: **THPO**			

Dates & Response

10) Date Contacted **11/26/2025** 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?	(X) Yes ( ) 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: **Simmons-Wright Company Store**
5) SHPO Site Number:

Property Address

6) Street Address: **5493 US 11-80**		
7) City: **Toomsuba**	8) State: **MS**	9) Zip Code: **39364**
10) County/Borough/Parish: **LAUDERDALE**		

Status & Eligibility

11) Is this property listed on the National Register? Source: **NRHP# 08000198**	(X) Yes ( ) No
12) Is this property eligible for listing on the National Register? Source: **NRHP# 08000198**	(X) Yes ( ) No
13) Is this property a National Historic Landmark?	( ) Yes (X) No

14) Direct Effects (Select One):

(X) 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):

(X) 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: **Lauderdale County Administrator**

Contact Name

3) First Name: **Chris**	4) MI:	5) Last Name: **Lafferty**	6) Suffix:
7) Title:			

Contact Information

8) P.O. Box:	**And /Or**	9) Street Address: **2600 Courthouse Blvd**		
10) City: **Meridian**			11) State: **MS**	12) Zip Code: **39301**
13) Telephone Number: **(601)482-9751**		14) Fax Number:		
15) E-mail Address: **clafferty@lauderdalecounty.org**				

16) Preferred means of communication:

(**X**) E-mail

( ) Letter

( ) Both

Dates & Response

17) Date Contacted **12/01/2025** 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):

Other Consulting Parties

Other Consulting Parties Contacted

1) Has any other agency been contacted and invited to become a consulting party?	( ) **Y**es (**X**) **N**o

Consulting Party

2) FCC Registration Number (FRN):
3) Name:

Contact Name

4) First Name:	5) MI:	6) Last Name:	7) Suffix:
8) Title:			

Contact Information

9) P.O. Box:	**And /Or**	10) Street Address:		
11) City:			12) State:	13) Zip Code:
14) Telephone Number:		15) Fax Number:		
16) E-mail Address:				

17) Preferred means of communication:

( ) E-mail

( ) Letter

( ) Both

Dates & Response

18) Date Contacted _____ 19) Date Replied _____

( ) 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: **Mississippi Division of Historic Preservation (Deputy SHPO)**

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:	MI:	Last Name:	Suffix:
Annamarie		Howell	

Signature: Annamarie Howell

Date: 12/19/2025

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).

Attachment A

Consultant Information

Resume/Curriculum Vitae

Dina M. Bazzill, MA, RPA

Principal Archaeologist/Historian
1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004
(770) 667-2040 Ext. 111
dina.bazzill@eca-usa.com

EDUCATION

East Carolina University Greenville, NC
M.A., Maritime Studies
Graduated: May 2007
GPA: 3.89/4.0

Southwest Missouri State University Springfield, MO
B.A., Anthropology, minor in Antiquities
Graduated: May 2004, Magna Cum Laude
Grade-Point Average: 3.8/4.0

PROFESSIONAL CERTIFICATIONS

Secretary of the Interior's 36CFR61 Professional Qualification Standards for Archaeology and History since 2007
Register of Professional Archaeologist since 2007
Section 106 Training Certification from SRI Foundation, 2009
Advanced Section 106 Training Certification from the Advisory Council on Historic Preservation, 2009
NEPA Compliance and Cultural Resources Training Certification from the National Preservation Institute, 2009
Section 4 (f) Compliance for Historic Properties Training Certification from the National Preservation Institute, 2009
Identification and Management of Traditional Cultural Properties Training Certification from the National Preservation Institute, 2009
Tribal Consultation Training Certification from the SRI Foundation, 2010

RELATED EMPLOYMENT

June 2007 – Present **Environmental Corporation of America** Alpharetta, GA
Position: Principal Investigator
Responsibilities:

- Archaeological and historical research.
- Conducting archaeological and historical site assessments for Section 106 compliance.
- Authoring Section 106/archaeological assessment/phase one environmental impact reports for submission to clients, SHPO offices, tribes, consulting parties, and other state agencies.

REPRESENTATIVE EXPERIENCE

June 2007 - Present **Section 106 Cell Tower Evaluations** USA
Dina M. Bazzill, Principal Archaeologist/Historian
Goals: The scope of work for these projects has included archaeological and historic standing structures site assessments for the Section 106 review process in forty different states.

May/June 2011 **Chicago and North Western Railway Bridge Replacement: Phase I Underwater Archaeological Survey** Oshkosh, WI
Dina M. Bazzill, Principal Archaeologist/Historian
Goals: The scope of work for this project included a Phase I side-scan sonar survey for the replacement of the Chicago and North Western Railway Line over the Fox River in Oshkosh, Winnebago County, Wisconsin. The side-scan sonar survey was performed by Jerry Guyer of Pirate's Cove Diving Inc. Dina M. Bazzill performed the necessary research, analyzed the side-scan sonar data, and prepared a report in conformance with Wisconsin Historical Society Guidelines.

April/May 2010 **Snowbird Youth Center Phase I** Robbinsville, NC

Dina M. Bazzill, Field Director and John P. McCarthy, Principal Investigator

Goals: The scope of work for this project included a survey for a proposed Eastern Band of Cherokee Indians Youth Center located on Forest Service land in Robbinsville, North Carolina. High probability landforms were tested as per Forest Service archaeological testing guidelines. Shovel tests were excavated at 65-foot intervals, where appropriate. Key staff members included Dina M. Bazzill, Field Director and John P. McCarthy, Principal Director. Dina M. Bazzill authored the report, with the assistance of John P. McCarthy.

April/May 2010 **CabeJail Phase I - EBCI Reservation** Cherokee, NC

Dina M. Bazzill, Project Archaeologist and John P. McCarthy, Principal Investigator

Goals: The scope of work for this project included a survey for a proposed jail located on the Eastern Band of Cherokee Indians reservation in Cherokee, North Carolina. The entire proposed property was systematically surveyed utilizing guidelines provided by the EBCI THPO office. Shovel tests were excavated at 65-foot intervals, where appropriate. Key staff members included Dina M. Bazzill, Project Archaeologist and John P. McCarthy, Principal Director. John P. McCarthy authored the report, with the assistance of Dina M. Bazzill.

October /November 2009 **Old #4 Sewer Line Replacement - EBCI Indian Reservation** Cherokee, NC

Dina M. Bazzill, Field Director and John P. McCarthy, Principal Investigator

Goals: The scope of work for this project included a systematic survey for a proposed sewer line replacement located on the Eastern Band of Cherokee Indian Reservation in Cherokee, North Carolina. A pedestrian survey was conducted, and shovel tests were conducted as per EBCI THPO office guidelines. This entailed excavating shovel tests at 65-foot intervals, where appropriate. Crew members included Dina M. Bazzill, Field Director, who supervised Mary E. Seagrave, field technician, Dave McGlothlin, field technician, and Landon Abernethy, field technician. John P. McCarthy oversaw the fieldwork and the report preparations, with assistance from Dina M. Bazzill.

July 2009 **Phase II Archaeological Site Delineation** Lewis Creek, IN

Dina M. Bazzill, Principal Investigator

Goals: The scope of work for this project included delineating a circa 1840 pioneer homestead located in Lewis Creek, Indiana in order to determine National Register of Historic Places eligibility. Dina M. Bazzill served as Principal Investigator and supervised Mary E. Seagrave, Project Archaeologist. Artifacts recovered from the field work were analyzed and photographed by Dina M. Bazzill. A Section 106 Review was prepared by Dina M. Bazzill and submitted to the Indiana State Historic Preservation Office for their review and comment.

April/May 2008 **City of Norcross – Proposed Greenspace Park** Norcross, GA

Dina M. Bazzill, Field Director and Principal Investigator

Goals: The scope of work for this project includes a Phase I survey of a seven acre tract of land in the City of Norcross, Georgia. ECA evaluated archaeological and historic resources present within the survey area and advise the City of Norcross on how best to preserve these resources and utilize them for educational purposes. In addition, a comprehensive user friendly report was produced.

November 2007 **Deep Testing for Archaeological Deposits** Nashville, TN

Artis West, Principal Investigator

Goals: The scope of work for this project included placing 10-foot deep two trenches with the proposed APE for direct effects for a proposed cell tower located adjacent to the Harpeth River in Nashville, Tennessee. Backfill soil was selectively sampled and negative findings were recorded. A report summarizing the findings was prepared and accepted by the Tennessee Historical Commission, Division of Archaeology.

Annamarie Howell

Principal Historian/Client Manager
1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004
annamarie.howell@eca-usa.com
(770)-667-2040

STRENGTHS AND SKILLS

Secretary of the Interior qualified Historian and telecommunications compliance professional with eight years of cultural resources industry experience; eight years as Project Manager; seven years as Program Manager; five years as Principal Investigator

EDUCATION

Georgia Southern University **Statesboro, GA**

- Bachelor of Arts in History, Art History Minor, May 2015
- Master of Arts in History, May 2017

PROFESSIONAL CERTIFICATIONS

- Professional Certificate in Public History, May 2017
- Basics of NEPA and Section 106 Integration, ACHP 2019
- Coordinating NEPA and Section 106, ACHP 2019
- Successfully Navigating Section 106 Review, ACHP 2019
- Early Coordination with Indian Tribes for Infrastructure Projects, ACHP 2019
- Secretary of the Interior's 36CFR61 Professional Qualification Standards for History

PROFESSIONAL EXPERIENCE

June 2017 – Present **Environmental Corporation of America** **Alpharetta, GA**

Position: Principal Historian/Program Manager/Senior Project Manager

Responsibilities:

- Archaeological and historical research/ Conduct historical site assessments for Section 106 compliance
- Supervise the completion of regulatory compliance reviews under Section 106, the National Environmental Policy Act (NEPA); Provide recommendations on the implementation of environmental and historic preservation regulations for federally funded or permitted undertakings.
- Review associates' work and directly correspond with relevant state agencies, local preservation organizations and Certified Local Governments (CLG's) including the National Park Service, Tribal Historic Preservation Offices, State Historic Preservation Offices
- Act as an advocate on the client's behalf when interacting with government offices and agencies, educating the client about the general processes and procedures involved in project completion, ensuring prompt delivery of quality products and services, preparing weekly updates for ongoing projects
- Adverse effect resolution-Provide assistance and recommendations on mitigation of effects to historic properties, including the development of Memorandums of Agreement (MOAs).

Shannon Lowman, MA, RPA
Principal Archaeologist
1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004
(770) 667-2040
shannon.lowman@eca-usa.com

EDUCATION

Georgia State University **Atlanta, GA**
M.A., Biological Archaeology, May 2017

University of Georgia **Athens, GA**
B.A., Archaeology and Anthropology, 2013

PROFESSIONAL CERTIFICATIONS

Secretary of the Interior's 36CFR61 Professional Qualification Standards archaeology and history
Register of Professional Archaeologists since 2017
Georgia Council of Professional Archaeologists since 2021

PROFESSIONAL EXPERIENCE

July 2017 – Present **Environmental Corporation of America** **Alpharetta, GA**
Position: SOI qualified Principal Archaeologist
Responsibilities:
Conducting archaeological and historical background research and site assessments for Section 106 compliance; Authoring Section 106/archaeological assessment/phase one environmental assessment reports for submission to clients, SHPO offices, tribes, consulting parties, and other state agencies; Authoring Fish and Wildlife species impact reports; Producing NEPA reports; Directing field crews and authoring reports for state DOT projects; Principal review of Section 106 reports; Conducted archaeological research and excavation in the following states: Georgia, Louisiana, Mississippi, Illinois, Kentucky, North Carolina, Indiana, Texas, Arkansas, Tennessee, Virginia, South Carolina, Oklahoma, Kansas, California, Florida, New Mexico, Nevada, Arizona, Colorado, Montana, Idaho, Washington, Oregon, Wyoming, Puerto Rico

August 2016 – May 2017 **Georgia State University** **Atlanta, GA**
Position: Graduate Assistant
Responsibilities:
Teaching Assistant and Writing Across the Curriculum consultant for Human Variation and Research Assistant for the archiving of past archaeological records.

June 2016 – August 2016 **Tumilaca la Chimba Archaeology Project** **Moquegua, Peru**
Position: Graduate Field Archaeologist
Responsibilities:
Supervised local field technicians and undergraduate students; Conducted archaeological research and excavation of mortuary contexts; Collected data pertinent to Master's thesis publication; Completed osteological analysis on remains excavated from current and past field seasons; Sorted, labeled, and cataloged prehistoric artifacts

August 2012 – May 2013 **UGA Laboratory of Archaeology** **Athens, GA**

Position: Georgia Archaeological Site File Technician

Responsibilities:

Completed state site searches for various CRM firms; Coded and filed site forms and reports; Uploaded and mapped new sites on GNARGIS database and quad maps

June- July 2012 **University of Georgia Field School** **Lumpkin, GA**

Position: Field student at Singer-Moye Indian Mound Site

REPRESENTATIVE PROJECT EXPERIENCE

Over 300 Telecommunication Compliance Projects Managed

Federal Communications Commission NEPA Investigations

Project Manager for Hundreds of Projects Nationwide

State Department of Transportation Section 106 Compliance

Project Manager and Project Principal Investigator Participation in Several State and Federally Funded DOT Roadwork Projects, Specifically in North Carolina and Georgia

Holly Jansen Fulkerson
Project Manager - Historian
1375 Union Hill Industrial Court, Suite A,
Alpharetta, GA 30004
holly.fulkerson@eca-usa.com
(770) 667-2040

EDUCATION

Florida State University **Tallahassee, FL**
Master of Arts, American History-Historical Administration/Public History, December 2012

Florida State University **Tallahassee, FL**
Bachelor of Arts (BA), Social Science Education, August 2005

PROFESSIONAL CERTIFICATIONS

- Secretary of the Interior's 36CFR61 Professional Qualification Standards for History
- Basics of NEPA and Section 106 Integration, ACHP 2022
- Coordinating NEPA and Section 106, ACHP 2022
- Successfully Navigating Section 106 Review, ACHP 2022
- Early Coordination with Indian Tribes for Infrastructure Projects, ACHP 2022

PROFESSIONAL EXPERIENCE

June 2022 – Present **Environmental Corporation of America** **Alpharetta, GA**

Position: Project Manager
Responsibilities:

- Authoring Section 106 Review/Archaeological Assessment reports
- Preparation of Species Impact Reports/Information Biological Assessments
- Management and completion of NEPA Environmental Checklists/Documentation

January 2020 – March 2021 **Memphis Heritage, Inc.** **Memphis, TN**

Position: Executive Director
Responsibilities:

- Oversaw and managed all aspects of operations for the local historic preservation nonprofit organization, including administration, marketing, membership, fundraising, and programming.
- Conducted field surveys.
- Assisted with preparation of National Register of Historic Places nominations.

October 2016 – January 2020 **City of Memphis** **Memphis, TN**

Position: Historic Properties Manager
Responsibilities:

- Oversaw and managed all aspects of operations for the Mallory-Neely and Magevney House Museums, including administration, programming, exhibits, maintenance, and

supervising restoration and conservation projects for the museum buildings and their collections.

July 2011– April 2016 **History Museum of Mobile** **Mobile, AL**

Position: Curator of Collections

Responsibilities:

- Oversaw and managed all areas of collections stewardship for the museum's collection of over 100,000 objects, documents, and photographs.
- Researched objects and collections to write exhibit materials and reports.
- Solicited artifact donations and loans from individuals, groups, and other museums.

August 2007– July 2011 **Synergy Design Group** **Tallahassee, FL**

Position: Content Specialist

Responsibilities:

- Lead interpretive planner, content developer, and researcher for museums exhibits across the Southeast US, including the National Corvette Museum, Florida Museum of History, Florida Museum of Natural History, and the National Park Service, along with several state parks agencies.

Chase Rodriguez, MA, RPA
Project Archaeologist
1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004
(770) 527-5507
chase.rodriguez@eca-usa.com

EDUCATION

Georgia State University — **Atlanta, GA**
M.A., Anthropology, 2025

Kennesaw State University — **Kennesaw, GA**
B.A., Anthropology, 2023

PROFESSIONAL EXPERIENCE

June 2025 – Present — **Environmental Corporation of America** — **Alpharetta, GA**
Position: Staff Archaeologist
Responsibilities:
Conducting archaeological and historical background research and site assessments for Section 106 compliance; Authoring Section 106/archaeological assessment/phase one environmental assessment reports for submission to clients. Traveling weekly to conduct archaeological research for projects. Employed excavation techniques through pedestrian surveys and shovel test pits to identity fand assess cultural resources. Ensured project accuracy and completeness by maintaining detailed and legible field notes and photographs. Participated in report preparations contributing to site forms and resources assessment while adhering to established deadlines. Maintained excellent communication and collaboration with team members throughout projects.

May 2024 – June 2024 — **UNCW Archaeological Field School** — **Wilmington, NC**
Position: Field School Student
Responsibilities:
Investigated archaeological and historical heritage of the Cape Fear region. Uncovering lives of enslaved people during the 1700s. Archaeological surface surveying. Excavation techniques, including shovel testing, shovel scraping, and leveling soil with trowels. Record-keeping and mapping the levels of units. Testing the color of soil using a Munsell Color Chart. Conducting field trips to local archaeological sites. Lab artifact processing, including cleaning artifacts, inventorying artifacts, float sampling, and processing photographs of unit levels. Use of the total station for mapping points of units.

Attachment B

Site Information

1: Photographs

The following photographs were taken using a digital camera from a height of 5'8" and using Google Earth and HistoricAerials.com.

a: Directional photographs taken from the Proposed Tower Site and of the associated access road.

b: Photographs of all listed or eligible properties within the Areas of Potential Effects, if any.

c: Photographs from listed or eligible properties within the Area of Potential Effects looking toward the proposed tower site, if any.

d: Google Earth 2023 aerial photograph showing APE for visual effects.

e: Google Earth 1998 aerial photograph.

f: HistoricAerials.com 1980 aerial photograph.

g: HistoricAerials.com 1973 aerial photograph.

h: HistoricAerials.com 1967 aerial photograph.

i: HistoricAerials.com 1955 aerial photograph.

j: HistoricAerials.com 1940 aerial photograph.

A: Northerly View from Near the Center of the Proposed Lease Area

B: Easterly View from Near the Center of the Proposed Lease Area

C: Southerly View from Near the Center of the Proposed Lease Area

D: Westerly View from Near the Center of the Proposed Lease Area

Attachment B-1a: Photographs

ECA ID: 25-004212

ECA

E: Southeasterly Overview of the Proposed Lease Area

F: Southwesterly Overview of the Proposed Lease Area

G: Southeasterly View of the Proposed Guy-wire Easement #1

H: Northeasterly View of the Proposed Guy-wire Easement #2

Attachment B-1a: Photographs

ECA ID: 25-004212

ECA

I: Westerly View of the Proposed Guy-wire Easement #3

J: Westerly View of the Proposed Access/Utility Easement

K: Westerly View of the Proposed Access/Utility Easement

L: Easterly View of the Proposed Access/Utility Easement

Attachment B-1a: Photographs

ECA ID: 25-004212

ECA

M: Easterly View of the Proposed Access/Utility Easement

N: Overview of Shovel Test Pit One (STP1)

O: Profile View of STP1

Attachment B-1a: Photographs

ECA ID: 25-004212

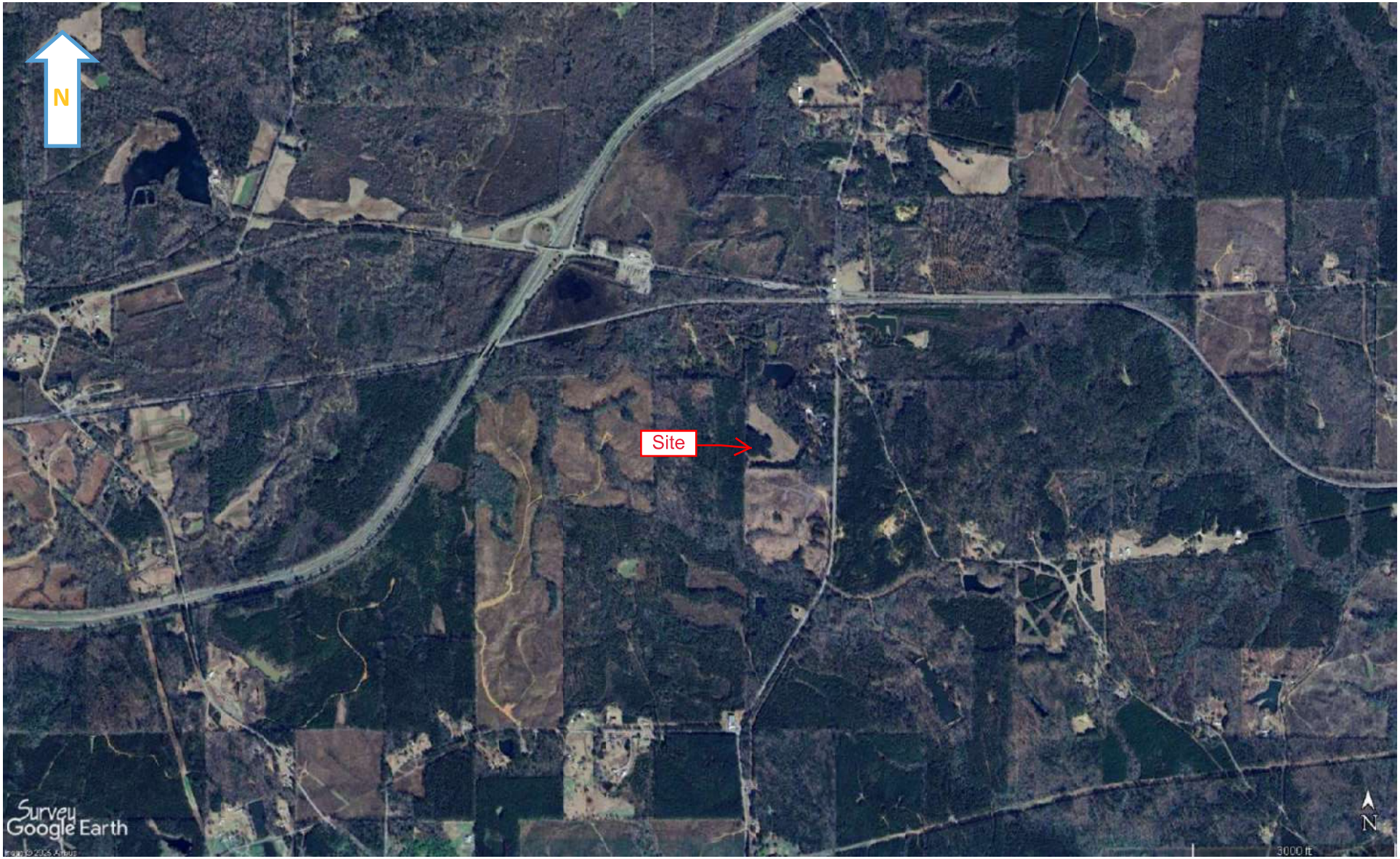
1A: Westerly Overview of *Simmons-Wright Company Store* (NRHP# 08000198)

1B: Southwesterly View from *Simmons-Wright Company Store* (NRHP# 08000198) Distance: 2,700 feet (823 meters)

Attachment B-1b/c: Photographs

ECA ID: 25-004212

ECA



Source: Google Earth 2023

Attachment B-1d: Aerial Photograph

ECA ID: 25-004212

ECA

Source: Google Earth 1998

Attachment B-1e: Aerial Photograph

ECA ID: 25-004212

ECA

Source: HistoricAerials.com 1980

Attachment B-1f: Aerial Photograph

ECA ID: 25-004212

ECA

Source: HistoricAerials.com 1973

Attachment B-1g: Aerial Photograph

ECA ID: 25-004212

ECA

Source: HistoricAerials.com 1967

Attachment B-1h: Aerial Photograph

ECA ID: 25-004212

ECA

Source: HistoricAerials.com 1955

Attachment B-1i: Aerial Photograph

ECA ID: 25-004212

ECA

Source: HistoricAerials.com 1940

Attachment B-1j: Aerial Photograph

ECA ID: 25-004212

ECA

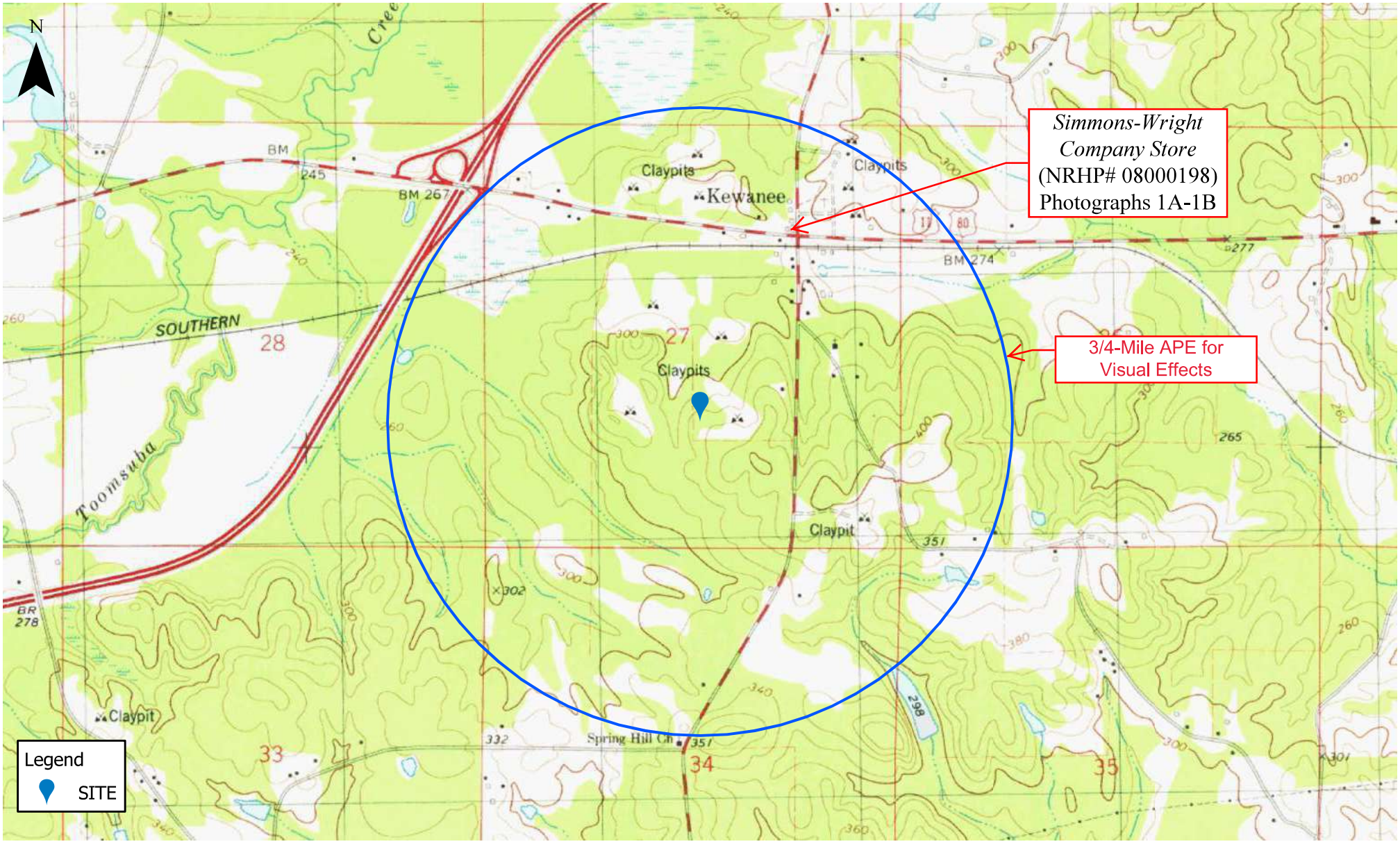
2: Maps

a: 7.5-Minute topographic map showing the Area of Visual Effects and the location of any identified historic properties.

b: 7.5-Minute topographic map showing the Area of Direct Effects including any new access roads or other easements.

c: Site Vicinity Plan showing the location of the proposed tower site, any new access roads, easements, additional structures, utility lines, fences, and excavations.

d: 1834 GLO Map



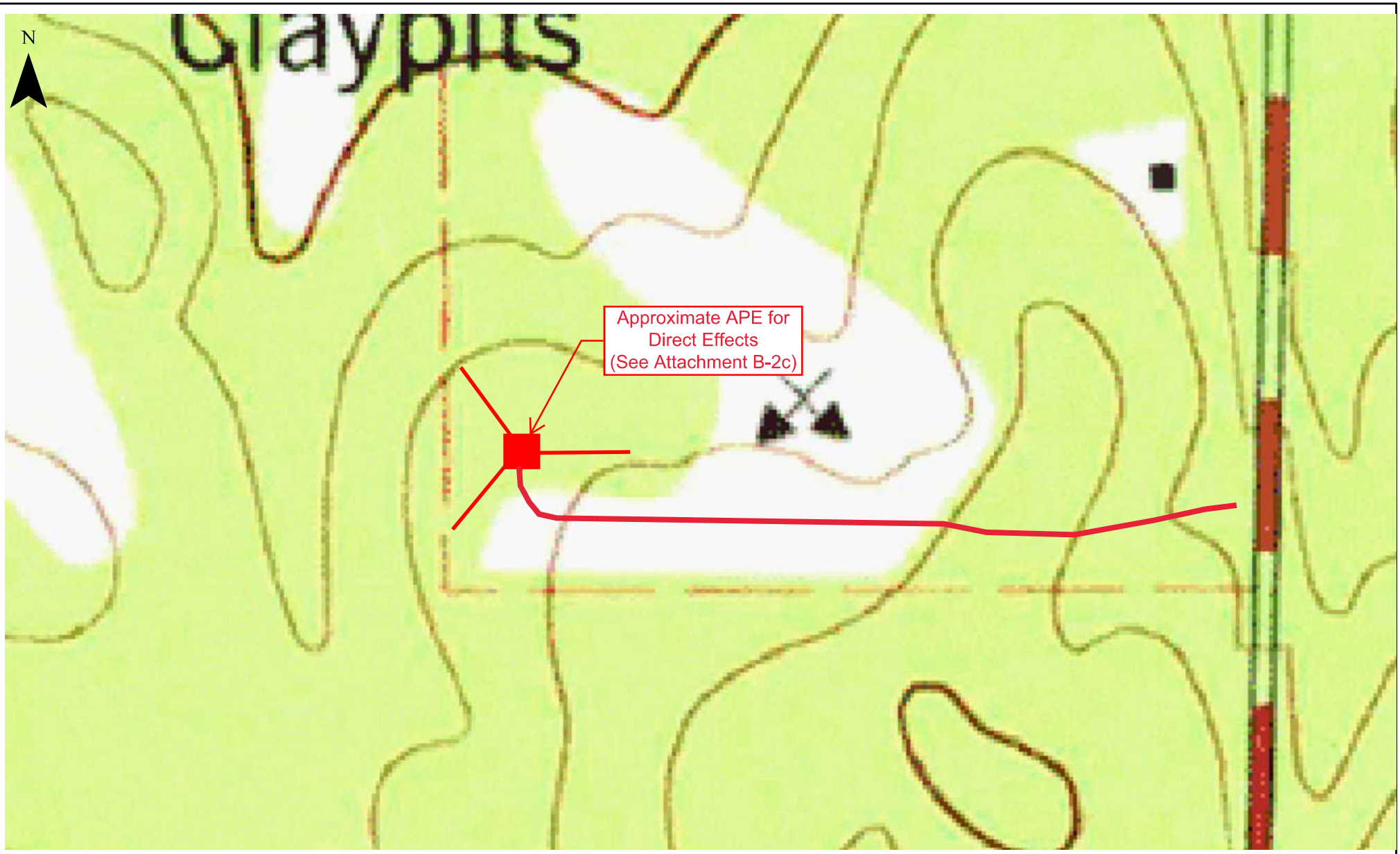
Source: USGS Topographic Map 7.5-Minute Series, Kewanee, MS-AL (1974).

APE for Visual Effects = 3/4 Mile

Attachment B-2a: APE for Visual Effects

ECA ID: 25-004212

ECA

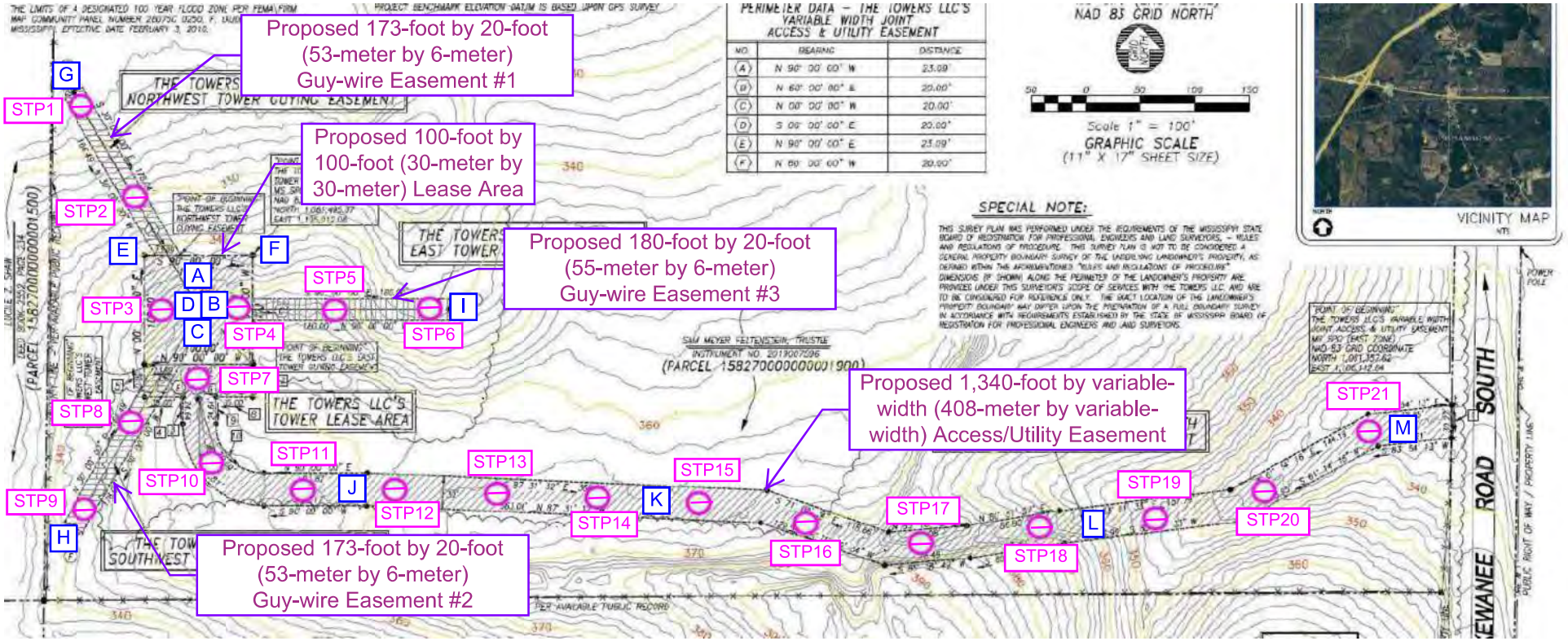


Source: USGS Topographic Map 7.5-Minute Series, Kewanee, MS-AL (1974).

Attachment B-2b: APE for Direct Effects

ECA ID: 25-004212

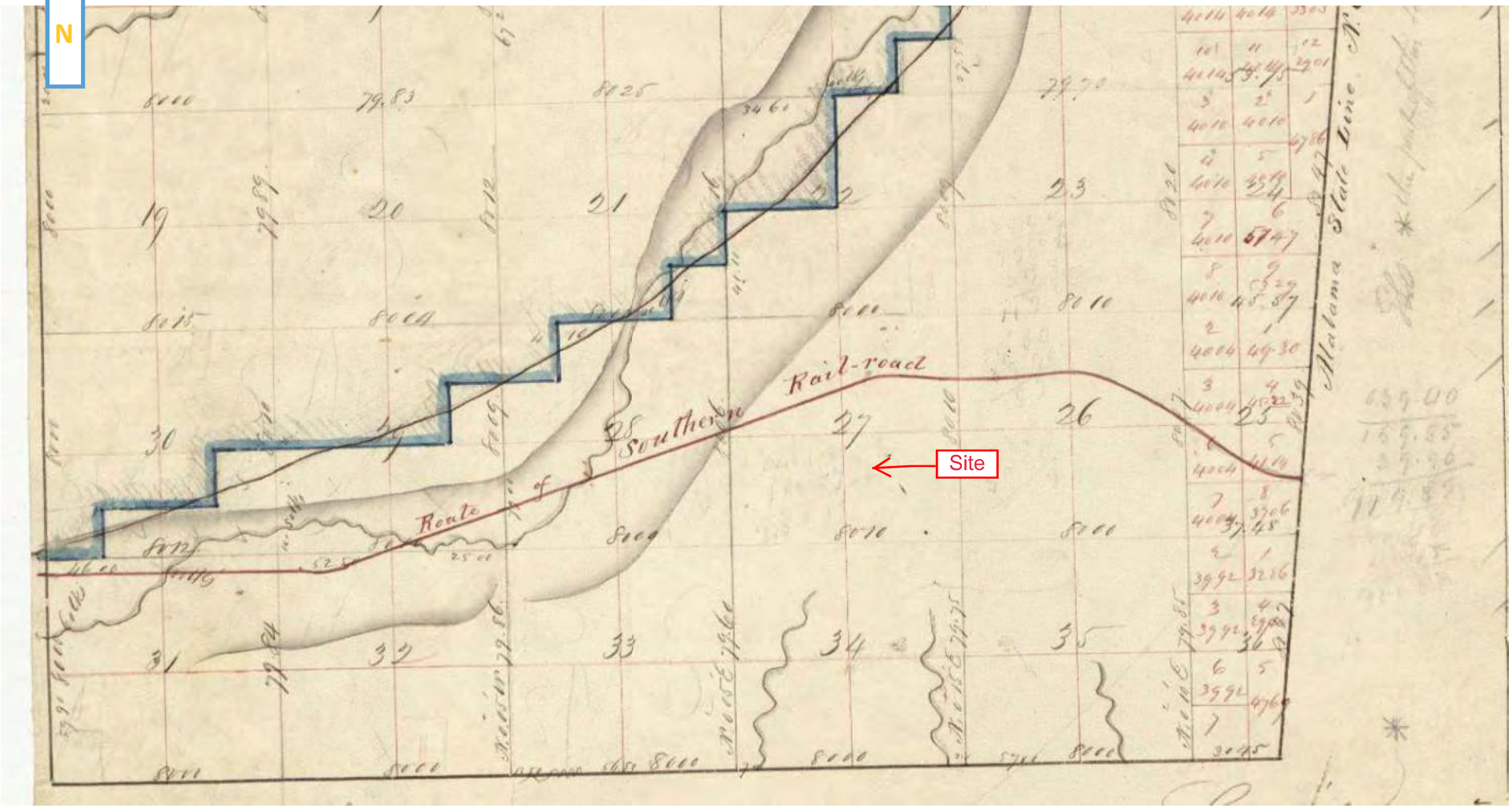
ECA



Source: Applicant

Attachment B-2c: Site Vicinity Plan

ECA ID: 25-004212



Source: Bureau of Land Management, General Land Office Records (1834).

Attachment B-2d: 1834 GLO Map

ECA ID: 25-004212

ECA

Attachment C

Determination of Effect

1: Areas of Potential Effects

a: Direct Effects

The APE for direct effects is limited to the site of the proposed tower and surrounding easements, as described in the Nationwide Programmatic Agreement.[1] For this particular undertaking the area of disturbance would include the proposed 100-foot by 100-foot (30-meter by 30-meter) lease area, the proposed approximate 1,340-foot by variable-width (408-meter by variable-width) access/utility easement, the three proposed guy-wire easements, each measuring between 173-foot to 180-foot long by 20-foot wide (53-meter to 55-meter by 6-meter), and all immediately surrounding areas, including the grading area. The general APE for direct effects is shown in Attachment B-2b and Attachment B-2c.

b: Visual Effects

The APE for visual effects is the geographic area or areas within which the facility may directly or indirectly cause alterations in the character or use of Historic Properties.[2] Unless otherwise noted, the area of potential effect for visual effect is as described in the Nationwide Programmatic Agreement:

- If the proposed tower is 200 feet or less in overall height, the APE is ½ mile in radius from the proposed tower.
- If the proposed tower is more than 200 feet in height and no more than 400 feet in height, the APE is ¾-mile in radius from the proposed tower.
- If the proposed tower is more than 400 feet in height, the APE is 1 ½ miles in radius from the proposed tower.[3]

The APE for visual effects is shown in Attachment B-2a: Area of Visual Effect.

2: Mitigation of Effect

a: Copies of correspondence and summaries of oral communications with SHPO/THPO and any consulting parties including descriptions of alternatives that have been considered in order to avoid, minimize, or mitigate any adverse effects

Not Applicable.

---

[1] Section VI.C.2 of the Nationwide Programmatic Agreement (WT Docket No. 03-128; FCC-222).
[2] Section II.3 of the Nationwide Programmatic Agreement (WT Docket No. 03-128; FCC-222).
[3] Section VI.C.4.a-c of the Nationwide Programmatic Agreement (WT Docket No. 03-128; FCC-222).

Attachment D

Tribal and NHO Involvement

ECA made notification through the FCC Tower Construction Notification System (TCNS) in order to identify Indian Tribes and NHOs that may attach religious and cultural significance to Historic Properties that may be affected by the tower project within the APE for direct or visual effects. All Tribes that have expressed an interest in the proposed undertaking and requested a copy of this submission packet will be provided a copy, with the exception of those Tribes that have elected to receive no documentation. All interested Tribes will be provided an opportunity to comment in accordance with the FCC's rules. Copies of all relevant documents received to date, including correspondence, are provided in the following pages.

Environmental Corporation of America (ECA)

TRIBAL INVOLVEMENT SUMMARY

Site Name:	Kewanee	Site Number:	US-MS-5371	NOO Date:	11/28/2025
TCNS #:	303379	ECA Project#:	25-004212	ECA PM:	HJF

NOO #	Tribal Entity Name	Date of Document Submittal	Method of Delivery	Email Address	Date of FCC Escalation	Tribal Response Date	Tribal Response
1	Crow Creek Sioux Tribe		Electronic	cchistory@midstatesd.net			
2	Alabama Coushatta Tribe of Texas		Electronic	Delvin.Johnson@actribe.org; joy.montgomery@actribe.org			
3	Coushatta Indian Tribe		Electronic	dakotajohn@coushatta.org; kdawsey@coushatta.org			
4	Jena Band of Choctaw Indians		Electronic	lwilliamson@jenachoctaw.org			
5	Mississippi Band of Choctaw Indians		Electronic	section106@choctaw.org			
6	Bad River Band of Lake Superior Chippewa Indians	NA	Electronic	thpo@badriver-nsn.gov; deputythpo@badriver-nsn.gov			
7	Choctaw Nation of Oklahoma		Electronic	lbilyeu@choctawnation.com; syoungblood@choctawnation.com			
8	Alabama Quassarte Tribal Town		Electronic	brina.williams@alabama-quassarte.org			
9	Tunica-Biloxi Indians of Louisiana	NA	Electronic	earlii@tunica.org			

Holly Fulkerson

From: towernotifyinfo@fcc.gov
Sent: Thursday, November 20, 2025 9:43 AM
To: tribal.notify
Subject: Proposed Tower Structure Info - Email ID #9355453

Dear Dina M Bazzill,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 11/20/2025

Notification ID: 303379
Tower Owner Individual or Entity Name: The Towers, LLC
Consultant Name: Dina M Bazzill
Street Address: 1375 Union Hill Industrial Court
City: Alpharetta
State: GEORGIA
Zip Code: 30004
Phone: 770-667-2040
Email: tribal.notify@eca-usa.com

Structure Type: GTOWER - Guyed Structure Used for Communication Purposes
Latitude: 32 deg 25 min 3.6 sec N
Longitude: 88 deg 26 min 31.8 sec W
Location Description: Kewanee Road South
City: Toomsuba
State: MISSISSIPPI
County: LAUDERDALE

Detailed Description of Project: The applicant plans to construct a 310-foot tall (overall height) guyed telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004212
Ground Elevation: 107.3 meters
Support Structure: 91.4 meters above ground level
Overall Structure: 94.5 meters above ground level
Overall Height AMSL: 201.8 meters above mean sea level

This e-mail may contain trade secrets or privileged, undisclosed, or otherwise confidential information. If you have received this e-mail in error, you are hereby notified that any review, copying, or distribution of it is strictly prohibited. Please inform us immediately and destroy the original transmittal. Thank you for your cooperation.

Holly Fulkerson

From: towernotifyinfo@fcc.gov
Sent: Friday, November 28, 2025 3:02 AM
To: tribal.notify
Cc: tcnsweekly@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #9362328

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. THPO Merle Marks - Crow Creek Sioux Tribe - (PO Box: 286) Ft Thompson, SD - cchistory@midstatesd.net - 605-245-2221 - electronic mail
Exclusions: The Crow Creek Sioux Tribe has no interest in collocation projects. The Crow Creek Sioux Tribe requests the following states be removed from our geographic areas of interest, Arkansas , Virginia , South Carolina , Ohio , North Carolina, Michigan, Illinois

2. Historic Preservation Officer Delvin Johnson - Alabama-Coushatta Tribe of Texas - 571 State Park Road 56 Livingston, TX - Delvin.Johnson@actribe.org; joy.montgomery@actribe.org - 936-563-1100 (ext: 1181) - electronic mail

3. THPO Dakota John - Coushatta Indian Tribe - 1940 C.C Bel Road Elton, LA - dakotajohn@coushatta.org; kdawsey@coushatta.org - 337-584-1401 - electronic mail

4. TCNS Representative Lillie Williamson - Jena Band of Choctaw Indians - (PO Box: 14) Jena, LA - lwilliamson@jenachoctaw.org - 318-992-8258 - electronic mail
Exclusions: All FCC correspondence should be sent electronically to the e-mail lwilliamson@jenachoctaw.org

5. THPO Melanie Carson - Mississippi Band of Choctaw Indians - 101 Industrial Road (PO Box: 6010) Choctaw, MS - section106@choctaw.org - 601-663-7606 - electronic mail

6. THPO Lawrence Plucinski - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) Odanah, WI - thpo@badriver-nsn.gov; deputyTHPO@badriver-nsn.gov - 715-682-7123 - electronic mail

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa 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.

7. Compliance Review Specialist NHPA Sydney Youngblood-Blanton - Choctaw Nation of Oklahoma - 1919 Hina Hanta Way Calera, OK - syoungblood@choctawnation.com; lbilyeu@choctawnation.com - 580-642-8342 - electronic mail

8. THPO Brina Williams - Alabama Quassarte Tribal Town - (PO Box: 218) Wetumka, OK - Brina.Williams@alabama-quassarte.org - 405-452-3987 - 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

9. THPO Earl J Barbry Jr - Tunica-Biloxi Tribe of LA - Tunica-Biloxi Historic Preservation Office Attn: Earl, Jr., CERC (PO Box: 1589) Marksville, LA - earlii@tunica.org - 318-240-6451 - electronic mail
Exclusions: Email all requests for review rather than mailing hard copy.

If the applicant/tower builder receives no response from the Tunica-Biloxi Tribe of LA within 30 days after notification through TCNS, the Tunica-Biloxi Tribe of LA has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Tunica-Biloxi Tribe of LA 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.

10. SHPO Cathie Matthews - Department of Arkansas Heritage - 323 Center Street Suite 1500 Little Rock, AR - cathiem@arkansasheritage.org - 501-324-9150 - electronic mail

11. Deputy SHPO Ken Grunewald - Department of Arkansas Heritage - 323 Center Street Suite 1500 Little Rock, AR - keng@arkansasheritage.org - 501-324-9357 - electronic mail

12. SHPO Katie Blount - Mississippi Dept of Archives & History - (PO Box: 571) Jackson, MS - kblount@mdah.state.ms.us - 601-359-6850 - electronic mail

13. Deputy SHPO Kenneth H P'Pool - Division of Historic Preservation - (PO Box: 571) Jackson, MS - kppool@mdah.state.ms.us - 601-359-6940 - 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: 11/20/2025
Notification ID: 303379
Excluded from SHPO Review: No
Tower Owner Individual or Entity Name: The Towers, LLC
Consultant Name: Dina M Bazzill
Street Address: 1375 Union Hill Industrial Court
City: Alpharetta
State: GEORGIA
Zip Code: 30004
Phone: 770-667-2040
Email: tribal.notify@eca-usa.com

Structure Type: GTOWER - Guyed Structure Used for Communication Purposes
Latitude: 32 deg 25 min 3.6 sec N
Longitude: 88 deg 26 min 31.8 sec W
Location Description: Kewanee Road South
City: Toomsuba
State: MISSISSIPPI
County: LAUDERDALE
Detailed Description of Project: The applicant plans to construct a 310-foot tall (overall height) guyed telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004212
Ground Elevation: 107.3 meters
Support Structure: 91.4 meters above ground level
Overall Structure: 94.5 meters above ground level
Overall Height AMSL: 201.8 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://www.fcc.gov/wireless/available-support-services

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

_____
This e-mail may contain trade secrets or privileged, undisclosed, or otherwise confidential information. If you have received this e-mail in error, you are hereby notified that any review, copying, or distribution of it is strictly prohibited. Please inform us immediately and destroy the original transmittal. Thank you for your cooperation.

Attachment E

Historic Properties

Method of Identification:

The following sources and records were reviewed to identify Historic Properties within the Area of Potential Effect (APE) for visual and direct effects:

i. Properties listed in the National Register;
ii. Properties formally determined eligible for listing by the Keeper of the National Register;
iii. Properties that the SHPO/THPO certifies are in the process of being nominated to the Nation Register;
iv. Properties previously determined eligible as part of a consensus determination of eligibility between the SHPO/THPO and a Federal Agency or local government representing the Department of Housing and Urban Development (HUD); and
v. Properties listed in the SHPO/THPO Inventory that the SHPO/THPO has previously evaluated and found to meet the National Register Criteria, and that are identified accordingly in the SHPO/THPO Inventory.[1]

[1] Section VI.D.1.a.i-v of the Nationwide Programmatic Agreement (WT Docket No. 03-128; FCC-222)

1: Historic Properties Identified in the APE for Direct Effects

a: Historic Properties identified within the APE for direct effects

If any Historic Properties were identified, see *Historic Properties* pages within the FCC Form 620.

b: Historic Properties within the APE, not listed in "a", that ECA Considers to be Eligible for Listing in the National Register as a result of ECA's research.

ECA has identified no Historic Properties within the area for direct effects.

c: Description of techniques and methodology used to identify Historic Properties within the APE for direct effects.

See *Archaeological Assessment*, Attachment E-1c.

2: Historic Properties Identified in the APE for Visual Effects

a: Historic Properties Identified in the APE for visual effects that are listed in the National Register, have been formally determined eligible by the Keeper of the National Register, or have been evaluated and found to meet NR criteria for listing by the SHPO/THPO and are identified as such in the SHPO/THPO inventory.

If any historic resources were identified, see *Historic Properties* pages within the FCC Form 620, **or** if more than ten identified historic resources see *Cultural Resource Report*, Attachment E-2a.

b: Historic Properties, not listed in part "a," that are in the APE for visual effects that were identified through the comments of Indian Tribes, NHOs, local government, or members of the public.

See *Historic Properties* pages within the FCC Form 620.

c: Properties listed in part "a," which ECA considers no longer eligible for inclusion in the National Register

Not Applicable.

Attachment E-1c

Archaeological Assessment
(Attached As a Separate Report)

CONFIDENTIAL NOTICE: Attachment E-1c and Attachment H may contain information on historic and/or prehistoric archaeological cultural resources. This information is to be regarded as strictly confidential and is not for public dissemination or distribution and is not to be published in the public domain or provided to any unauthorized parties.

Attachment F

Local Government Involvement

Contact Information

a: List of all government agencies contacted and a summary of contact including copies of relevant documents.

Please see the *Local Government* pages of the FCC Form 620 for a list of agencies contacted. Documentation of our correspondence follows this page.

b: Local government agencies that will be contacted, but have not as of this date.

Not Applicable.

Holly Fulkerson

From: Holly Fulkerson
Sent: Monday, December 1, 2025 10:59 AM
To: 'clafferty@lauderdalecounty.org'
Subject: Section 106 Consulting Party Letter (ECA 25-004212)
Attachments: Lauderdale County CP Letter 25-004212.pdf

Good morning,

Please find the attached letter for the project detailed below.

Proposed 310-Foot Guyed Telecommunications Structure
The Towers, LLC Site - Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
ECA Project #: 25-004212

Thanks!

Kind regards,
Holly Jansen Fulkerson
Environmental Corporation of America (ECA)
770-667-2040 (office)
770-667-2041 (fax)
Holly.Fulkerson@eca-usa.com
www.eca-usa.com

December 1, 2025

Lauderdale County Administrator
2600 Courthouse Blvd
Meridian, MS 39301
clafferty@lauderdalecounty.org
601-482-9751

Subject: **Proposed 310-Foot Guyed Telecommunications Structure**
The Towers, LLC Site - Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
ECA Project #: 25-004212

Dear Chris Lafferty:

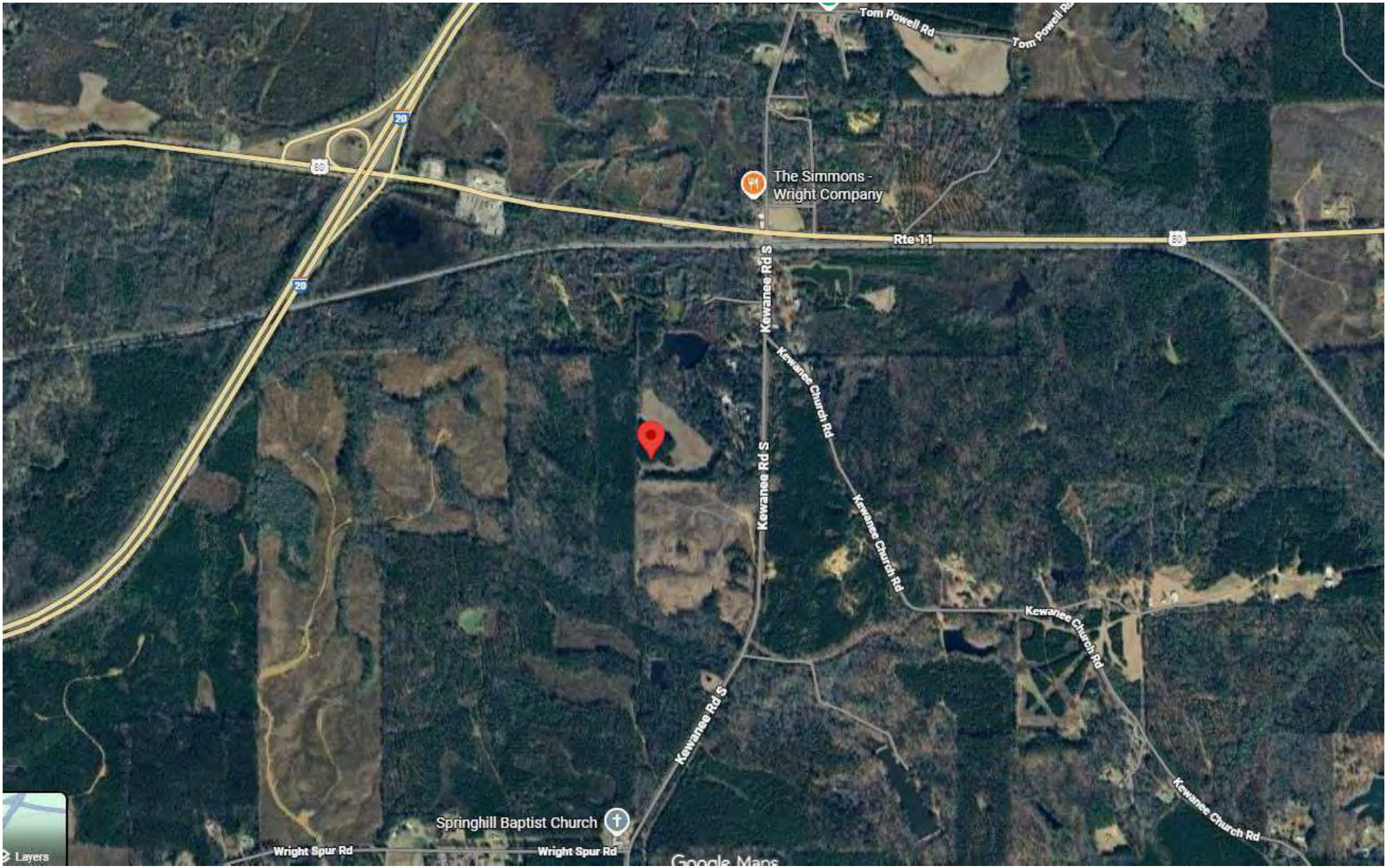
The Towers, LLC is proposing to construct a 310-foot overall height guyed telecommunications structure located near Kewanee Road South, Toomsuba, Lauderdale County, Mississippi (32° 25' 3.6"N, 88° 26' 31.8"W). **A map is included for your reference.** In accordance with the Federal Communications Commission (FCC) regulation at 47 C.F.R. 1.1307(a)(4), we are providing notice to you and seeking any comments that you may have regarding the effect of the proposed action described above on **Historic Properties** in your community. Please note that a **historic property** is defined in Section II.A.9. of the FCC's 2004 Nationwide Programmatic Agreement as any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the **National Register of Historic Places (NRHP)**. Based on your level of interest in the project, you may wish to become a consulting party. ***This notice is not intended to supplant any local zoning or permitting requirements but is necessary before we can request review of the action by the State Historic Preservation Office (SHPO).***

We welcome any comments that you may have regarding any **Historic Properties listed on or eligible for listing on the NRHP** that may be affected by the undertaking. Please direct your comments to Annamarie Howell, Environmental Corporation of America, 1375 Union Hill Industrial Court, Suite A, Alpharetta, Georgia 30004, 770-667-2040 x 108 or via email to publicnotice@eca-usa.com. As we would like to submit the project to the SHPO for review as soon as possible, we request that you provide any documents that you may have within 30 days. Thank you for your cooperation.

Sincerely,
Environmental Corporation of America

Holly Fulkerson, MA
Project Manager

Eric Johnson
Program Manager


Tom Powell Rd
Tom Powell Rd
20
80
The Simmons - Wright Company
Rte 11
80
Kewanee Rd S
Kewanee Church Rd
Kewanee Rd S
Kewanee Church Rd
Kewanee Church Rd
Kewanee Rd S
Springhill Baptist Church
Wright Spur Rd
Wright Spur Rd
Kewanee Church Rd
Layers
Google Maps

Attachment G

Consulting Parties

Public Involvement by Legal Notices, Letters, or Public Meetings

Copies of all relevant documents, including correspondence and legal notices, are provided in the following pages.

Subject Name:
Client Reference: 25-004212 rerun hjf

Notice Type
Miscellaneous

InkLynk Notice ID
118003

Ad Number
2075105

Notice Created
11/20/2025 03:24 PM

Run Dates
11/27/2025

Newspaper
Meridian Star

County, State
LAUDERDALE, MS

Status
PUBLICATION FINISHED

Documents | Payment/Receipt | Audit Log | Notes

Download Notice Document — Download Your Original Notice Document

When the notice completes the affidavit will be available

Original Notice Text

The Towers, LLC is proposing to construct a 310-foot overall height guyed telecommunications structure located near Kewanee Road South, Toomsuba, Lauderdale County, Mississippi (32° 25' 3.6"N, 88° 26' 31.8"W). The proposed tower is anticipated to utilize FAA Style E (medium intensity, dual red/white strobes) lighting.
The Towers, LLC invites comments from any interested party on the impact the proposed undertaking may have on any districts, sites, buildings, structures, or objects significant in American history, archaeology, engineering, or culture that are listed or determined eligible for listing in the National Register of Historic Places. Comments may be sent to Environmental Corporation of America, ATTN: Annamarie Howell, 1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004 or via email to publicnotice@eca-usa.com. Ms. Howell can be reached at (770) 667-2040 x 108 during normal business hours. Comments must be received within 30 days of the date of this notice.
In addition, any interested party may also request further environmental review of the proposed action under the FCC's National Environmental Policy Act rules, 47 CFR 61.1307, by notifying the FCC of the specific reasons that the action may have a

Subject Name:
Client Reference: 25-004212 rerun hjf

Notice Type
Miscellaneous

InkLynk Notice ID
118003

Ad Number
2075105

Notice Created
11/20/2025 03:24 PM

Run Dates
11/27/2025

Newspaper
Meridian Star

County, State
LAUDERDALE, MS

Status
PUBLICATION FINISHED

Documents | Payment/Receipt | Audit Log | Notes

Download Notice Document Download Your Original Notice Document

When the notice completes the affidavit will be available

Original Notice Text

or determined eligible for listing in the National Register of Historic Places. Comments may be sent to Environmental Corporation of America, ATTN: Annamarie Howell, 1375 Union Hill Industrial Court, Suite A, Alpharetta, GA 30004 or via email to publicnotice@eca-usa.com. Ms. Howell can be reached at (770) 667-2040 x 108 during normal business hours. Comments must be received within 30 days of the date of this notice.

In addition, any interested party may also request further environmental review of the proposed action under the FCC's National Environmental Policy Act rules, 47 CFR §1.1307, by notifying the FCC of the specific reasons that the action may have a significant impact on the quality of the human environment. This request must only raise environmental concerns and can be filed online using the FCC pleadings system at www.fcc.gov or mailed to FCC Requests for Environmental Review, Attn: Ramon Williams, 445 12th Street SW, Washington, DC 20554 within 30 days of the date that notice of this proposed action is published on the FCC's website. Refer to File No. A1339867 when submitting the request and to view the specific information about the proposed action. 25-004212/hjf

Attachment H

Designation of SHPO/THPO

SHPO/THPO Specific Forms

The following pages include copies of all additional forms specific to the Section 106 Review process for the lead SHPO/THPO reviewing this filing.

Bibliography

Google Earth
2023 and 1998 Aerial Photographs.

HistoricAerials.com
1980, 1973, 1967, 1955, and 1940 Aerial Photographs.

Mississippi Department of Archives and History
2025 Historic Resources Inventory Database (HRI)
https://www.apps.mdah.ms.gov/subscriber2/default.aspx. Accessed October 2025.

National Register Information System (NRIS)
2025 National Register of Historic Places
http://www.nps.gov/nr/. Accessed October 2025.

United States Department of the Interior Bureau of Land Management (BLM)
1834 *Township No. 7, Range No. 18 East Choctaw Mer. N & E.* General Land Office (GLO) Plat Survey Map

United States Federal Communications Commission (FCC)
2005 Federal Communications Commission Federal Register, 47 CFR Part 1, Nationwide Programmatic Agreement for Review Under the National Historic Preservation Act; Final Rule, WT Docket No. 03-128; FCC 04-222. Washington, DC.

United States Geological Survey USGS
1974 *Kewanee, MS-AL.* Quadrangle Map, 7.5 minute series. U.S. Geological Survey, Washington, DC.

Cultural Resources Assessment

Proposed 310-Foot Tall Guyed-Type Telecommunications Structure
(Overall Height With Appurtenances)
The Towers, LLC Site – Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi

ECA Project#: 25-004212 **TCNS ID #: 303379** **Report Date: December 19, 2025**

Lead Federal Agency:
Federal Communications Commission

Submitted By:

Holly Jansen Fulkerson, MA
Senior Project Manager

Shannon Lowman, MA, RPA
Principal Investigator

ABSTRACT

Environmental Corporation of America's client, The Towers, LLC, is proposing to construct a 310-foot tall (overall height) guyed-type telecommunications structure located near Kewanee Road South, Toomsuba, Lauderdale County, Mississippi. ECA conducted an archaeological assessment of the Area of Potential Effects (APE) consisting of background research, field investigations, and preparation of this report. The total acreage surveyed is 1.4 acres (0.56 hectares).

ECA reviewed cultural records and databases and identified no archaeological sites or surveys within the APE for direct effects. If any archaeological sites or cultural resource surveys were identified during ECA's research outside the APE for direct effects, they are discussed further in the Site File Research section of this report. During the course of the field survey portion of this archaeological assessment, no archaeological cultural resources were encountered.

ECA believes that the proposed undertaking would have no effect on any historic structures or archaeological resources that are listed in or eligible for listing in the National Register of Historic Places. Based on our findings related to archaeological resources and Historic Properties, we recommend no further consultation under Section 106 Review of the National Historic Preservation Act for this proposed undertaking.

TABLE OF CONTENTS

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FIELD SURVEY RESULTS 13

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CURATION 16

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INTRODUCTION

Environmental Corporation of America was contracted by The Towers, LLC to perform an archaeological assessment as part of the Section 106 Review process for a proposed telecommunications facility. The proposed facility would be located near Kewanee Road South, Toomsuba, Lauderdale County, Mississippi. The purpose of our work was to determine whether any archaeological cultural resources might exist within the proposed project area (APE for direct effects).

The Area of Potential Effect (APE) is defined as "the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties, if any such properties exist" (FCC 2003). For purposes of this work, the APE for direct effects is the actual physical impact area. The APE for direct effects is further described in the following table.

Table 1: APE for Direct Effects Description

Proposed Lease Area	Proposed Access/Utility Easement	Proposed Guy-wire Easements
100-foot by 100-foot (30-meter by 30-meter)	1,340-foot by variable-width (408-meter by variable-width)	Three proposed guy-wire easements, each measuring between 173-foot to 180-foot long by 20-foot wide (53-meter to 55-meter by 6-meter)
APE for Direct Effects Total Acreage: 1.4 acres (0.56 hectares)		

ECA understands that The Towers, LLC plans to construct a 310-foot overall height guyed-type telecommunications structure within the project area. The proposed lease area would be located within a wooded and grassed area and would be accessed by a proposed access/utility easement. The proposed access/utility easement would traverse in a general westerly direction from Kewanee Road South through the wooded and grassed area before turning in a northerly direction and terminating at the proposed lease area. The proposed project area would also include three

proposed guy-wire easements that would extend from the lease area in northwesterly, southwesterly, and easterly directions.

Table 2: Project Location Information

Tower Coordinates (NAD83) (degrees/minutes/seconds)	Tower Coordinates (UTM)	Tower Elevation (feet/meters)	Township/Range/Section
N32° 25' 3.6" W88° 26' 31.8"	Zone 15N 364395E 3587647N	352 / 107.3	7N / 18E / 27

ECA reviewed cultural records and databases and identified no archaeological sites or surveys within the APE for direct effects. If any archaeological sites or cultural resource surveys were identified during ECA's research outside the APE for direct effects, they are discussed further in the Site File Research section of this report. During the course of the field survey portion of this archaeological assessment which included a pedestrian survey and systematic shovel testing, no archaeological sites or cultural resources were encountered.

Chase Rodriguez, MA, Project Archaeologist, conducted the fieldwork. Holly Jansen Fulkerson, MA, Senior Project Manager, performed the background research and authored this report. The project was conducted under the direction and supervision of Shannon Lowman, MA, RPA, Principal Investigator. Resumes of these key personnel can be provided upon request.

ENVIRONMENTAL SETTING

Geologically, the Property is located within the Coastal Plain Physiographic Province of Mississippi. The Coastal Plain region is the flattest of the physiographic provinces and slopes gently seaward from the inland highlands in a series of terraces far into the Atlantic and Gulf of Mexico, forming the continental shelf (NPS 2017).

According to the USDA Soil Survey, soils found at the property consist of Sweatman fine sandy loam, 15 to 35 percent slopes, severely eroded (LS) and Pits (Pa). Description of the dominant mapped soil types are displayed in the table below.

Table 3: Mapped Soil Types within the APE for Direct Effects

Mapped Soil Type	Soil Series Description	Known Subsoil	Typical Subsoil Depth Below Surface
Sweatman	Consists of very deep, well drained, moderately slowly permeable soils on upland ridges and hill slopes of the Southern Coastal Plain.	Yellowish red (5YR 4/6) silty clay	6-18 inches (15-46 cm)
Pits	Consists of sand pits, burrow pits, and clay pits.	NA	NA

(Source: NRCS)

CULTURAL HISTORY

Paleoindian occupation in Mississippi is believed to have begun ca. 10,000 to 8,000 BC (McGahey 1996). The early occupants were thought to consist of small, mobile family bands that relied on the hunting of megafauna, as well as smaller game. The Paleoindian stage is divided into Early, Middle, and Late Paleoindian periods which are characterized by changes in projectile point technology. The Early period is marked by the use of Clovis and Cumberland points. The Middle period is marked by the use of Quad, Beaver Lake, and Arkabutla points. The Late Paleoindian period is primarily characterized by the side notched and lanceolate Dalton points.

The Archaic period (8,000 to 1,000 BC) is marked by shifts in the environment as well as a significant change in stone tool technology. In projectile points, this change can be seen in the shift from lanceolate blades to notched and stemmed varieties. Stone tools shifted from unifacial to ground or pecked stone. Production of stone beads and effigies also begins during this period. The post-Pleistocene warming trend for the Early Holocene causes change in the environment. Changes in the environment force a shift in subsistence strategies to riverine resources. This can be observed

through the presence of shell middens and mounds. The Archaic period marks the first appearance of monumental architecture.

The Gulf Formational stage (ca. 2,500/1,000 to 100 BC) is seen as a transitional phase between the Archaic and the Woodland periods. The Early Gulf Formational stage is characterized by the use of fiber tempered pottery, particularly in the Atlantic Coastal region. The Middle Gulf Formational period sees the development of sand and grit tempered pottery, as well as the use of untampered ceramics. The Late Gulf Formational period sees further shift toward the use of sand tempered ceramics, as well as the use of incised and pinched decoration (Morgan 1992).

The Woodland stage (100 BC to AD 1100) is marked by changes in regional influences, as observed through the ceramic assemblage (Walthall and Jenkins 1976), as well as increased sedentism and the beginnings of plant cultivation. Another important indicator of the Woodland stage is the presence of conical burial mounds, influenced by the cultural connection to the Hopewell culture (Jenkins 1979:172). The connection with Hopewell can also be seen through expanded regional trade of goods, such as ceramics, raw lithic material, and copper.

The Mississippian period (AD 1100 to 1540) is seen as a time of intensive corn agriculture, settlement of river valleys, and widespread religious ceremonial architecture. The Mississippian culture spread out from three centers near Cahokia in the central Mississippi Valley; the Caddoan area in eastern Oklahoma, Texas, and Louisiana; and the Tennessee-Cumberland drainage (Jenkins and Krause 1986). Numerous large ceremonial mounds and plazas show a shared religious and ceremonial belief system during this period. The artifact assemblage of the period is very complex due to widespread trade networks and includes Coastal Plain shell, exotic cherts, copper, wood, and salt.

The Protohistoric period (AD 1540 – 1700) began with the arrival of the first European explorers. The introduction of metal tools and firearms, among other European goods, had a dramatic effect on native cultures. Fighting between native groups such as the Choctaw and Chickasaw was

intensified with European weapons and led to population displacement and the introduction of European diseases had catastrophic effects on the native population. A majority of known protohistoric sites are found on uplands along second-order streams within the Black Belt (Futato 1989).

The first European explorer in the Mississippi area was Hernando de Soto. The Spaniards of the de Soto expedition crossed through northern Mississippi in 1540 to 1541. They frequently attacked settlements and seized food supplies and the diseases they brought with them left many dead in their wake. When the French arrived in the area in the 18th century they would find "a substantially less complex and more egalitarian culture that the one De Soto's chroniclers had recorded (Doster and Weaver 1981). In 1701, the French established a settlement at Mobile on the Mississippi coast. Expanding their trade network with the Creek Indians, the French later established Fort Toulouse at the confluence of the Coosa and Tallapoosa rivers in 1717. For the next several decades the French and their Choctaw allies would skirmish with the British-allied Chickasaw (Doster and Weaver 1981). When the French were defeated in the French and Indian War in 1763, they were forced to cede all of their possessions east of the Mississippi River. For a brief period, the British controlled all of Mississippi and after new treaties with tribes were signed, they occupied former French forts and settlements and resumed trade with the native people. At the conclusion of the Revolutionary War in 1783, Mississippi was ceded to the Spanish. In 1799, the Spanish gave their land north of the Rio Grande River to France and the United States bought the Louisiana Purchase (which included all of Mississippi) from Napoleon in 1803 (Doster and Weaver 1981).

Lauderdale County was founded in 1833 on land ceded by the Choctaw in the 1830 Treaty of Dancing Rabbit Creek. Meridian emerged as the county seat and later became a major railroad center. By 1840 the county had just over 5,000 residents, with enslaved people making up about a quarter; by 1860 both populations had grown, supported by mixed farming and early lumber-mill industry. In 1864 Union forces under Gen. William T. Sherman destroyed Meridian's rail facilities (Mississippi Encyclopedia 2025).

After the Civil War, the population expanded quickly, especially among African Americans, who formed a majority by 1880. Agriculture remained varied, but Meridian grew into one of Mississippi's leading industrial cities. In the late 1800s the city hosted early Farmers' Alliance meetings, women's suffrage organizing, and growing immigrant communities, including Irish and German settlers (Mississippi Encyclopedia 2025).

By 1900 Lauderdale led the state in manufacturing establishments and had one of its largest, most diverse populations. Transportation shaped the county's identity: Meridian-born Jimmie Rodgers drew on railroad work in his music, and in 1935 Key Field became Mississippi's first major airport, later serving National Guard and WWII pilot-training operations. By 1930 the county had more than 52,000 residents and notable ethnic diversity (Mississippi Encyclopedia 2025).

By 1960 the population exceeded 67,000, with a workforce centered on manufacturing, health care, and service jobs rather than agriculture. Lauderdale also became an important civil rights hub, with leaders such as Charles R. Darden and Clarie Collins Harvey active in desegregation efforts, and Meridian serving as a base for James Chaney, Michael Schwerner, and Andrew Goodman during Freedom Summer (Mississippi Encyclopedia 2025).

The county has produced several prominent cultural figures, including Diane Ladd, Sela Ward, Samuel Mockbee, and Pat Sansone. By 2010 the population had grown to about 80,000, with a racial makeup of roughly half white and nearly half African American (Mississippi Encyclopedia 2025).

The 1834 Bureau of Land Management General Land Office Records (GLO) map did not identify a landowner of the proposed project area.

LAND USE HISTORY

According to historic aerial photographs, the proposed project area was located in a grassed and wooded area in 1940. By 1955, the proposed project area and the surrounding area had become

heavily wooded. By 1967, the trees in the proposed lease area, proposed guy-wire easements, and the eastern portion of the proposed access/utility easement had been cleared and a claypit had been dug. The trees had grown back in the proposed lease area and the proposed guy-wire easements by 1973, and then were cleared again by 1980. It appears that the claypit had been abandoned by at least 1998 and the proposed lease area and guy-wire easements had once again become heavily wooded. The proposed project area has remained relatively unchanged since at least 1998.

SITE FILE RESEARCH

National Register of Historic Places

The National Register of Historic Places is the Nation's official list of cultural resources worthy of preservation. Authorized under the National Historic Preservation Act of 1966, the National Register is part of a national program to coordinate and support public and private efforts to identify, evaluate, and protect historic and archaeological resources. Properties listed in the National Register include districts, sites, buildings, structures, and objects that are significant in American history, architecture, archaeology, engineering, and culture. The National Park Service, which is part of the U.S. Department of the Interior, administers the National Register. ECA conducted a review of the National Register of Historic Places to determine whether any listed Historic Properties were located within a ¾-mile radius of the project site. We identified one Historic Property, *Simmons-Wright Company Store* (NRHP# 08000198), listed in the National Register of Historic Places (NRHP) within the ¾-mile APE for visual effects but outside the APE for direct effects.

MDAH Cultural Resources Surveys

The Mississippi Department of Archives and History (MDAH), Historic Preservation Program office maintains the state's inventory on historic and architectural sites and structures, the list of properties on, or eligible for listing in, the National Register, and those being considered for nomination. Most of the historic properties in their inventory will have archaeological components.

These records were reviewed by ECA via the Mississippi Department of Archives and History (MDAH) Historic Resources Inventory Database within a ¾-mile radius of the proposed project site. ECA conducted a review of the recorded historic resource files utilizing the online Mississippi Historic Resources Inventory Database (HRI). We identified no Historic Properties eligible for listing in the NRHP within the ¾-mile APE for visual effects or the APE for direct effects. In addition, ECA identified one resource, *Kewanee Baptist Church* (075-MER-5407), on the Other layer of the MDAH HRI Database within the ¾-mile APE for visual effects but outside the APE for direct effects. Upon a review of the MHRI entries and the MDAH site files available online, ECA was not able to identify a previously recorded determination of eligibility for listing in the NRHP for this historic resource.

On November 17, 2025, Dr. William Vaughan conducted research at the MDAH and examined physical files for the historic resource for a previously recorded evaluation for NRHP eligibility. Kewanee Baptist Church (075-MER-5407) was unevaluated. In conclusion, ECA identified no additional Historic Properties listed or eligible for listing in the NRHP within the ¾-mile APE for visual effects or APE for direct effects.

MDAH and MDOT Archaeology Surveys

The MDAH Historic Preservation Division and Mississippi Department of Transportation (MDOT) in Jackson, Mississippi house the Archaeology Surveys. The surveys identify and record historic and prehistoric archaeological sites as well as any project areas surveyed for state or federal projects. These records were reviewed by ECA via the MDAH Historic Resources Inventory Database (HRI) within a 1-mile radius of the proposed project. The search identified no previously recorded archaeological sites and two archaeological surveys within our standard 1-mile background research radius but outside the APE for direct effects. The surveys are discussed further in the table below.

Table 4: Cultural Resources Surveys Identified Within a 1-Mile Radius of the Project Area

Survey Number	Survey Name	Author	Year	Distance from Tower Center
03-245	CRS of Proposed 4 acre Borrow area	Lauro, J.	2003	1,750 feet (533 m) N
05-311	CRS of the Proposed Kewannee Industrial Site	Lauro, J.	2005	3,550 feet (1,082 m) NE

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 a prehistoric archaeological site 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. Additionally, there is a greater density of Woodland Period sites, as opposed to Archaic or Paleo-Indian Period sites, near streams due to their greater reliance on horticulture and aquatic resources. 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. The nearest natural source of water is an unnamed branch of Toomsuba Creek located approximately 1,700 feet (518 meters) southwest of the proposed lease area at its closest point. Due ground disturbance associated with the mining activities at the claypit and the timber clearing within the proposed lease area, proposed guy-wire easements, and the western portion of the proposed access/utility easement, it is ECA's opinion that there is a low probability for encountering undisturbed archaeological artifacts or features within those portions the APE for direct effects. However, due to lack of ground disturbance in the eastern portion of the proposed access/utility easement, ECA believes that there is a low to moderate probability for encountering undisturbed archaeological artifacts or features the APE for direct effects within the eastern portion of proposed access/utility easement.

FIELD CONDITIONS

The proposed lease area would be located within a wooded and grassed area and would be accessed by a proposed access/utility easement. The proposed access/utility easement would traverse in a general westerly direction from Kewanee Road South through the wooded and grassed area before

turning in a northerly direction and terminating at the proposed lease area. The proposed project area would also include three proposed guy-wire easements that would extend from the lease area in northwesterly, southwesterly, and easterly directions.

Table 5: Surface Visibility within the APE for Direct Effects

Lease Area	Access/Utility Easement	Guy-wire Easements
0% due to leaf vegetation	0% due to grass and leaf vegetation	0% due to grass and leaf vegetation

FIELD METHODS

The methodology for the Phase I intensive field survey for this project was determined by the professional opinions and experience of our principal and staff archaeologist, applicable SHPO guidelines, and applicable tribal guidelines. The survey was performed by Chase Rodriguez, MA, Project Archaeologist, on October 29, 2025. Approximately nine hours of field time was recorded for the Phase I intensive field study.

A pedestrian survey was conducted over the project site by visual inspection of exposed ground surfaces throughout the proposed lease area, the proposed access/utility easement, the proposed guy-wire easements, and all of the immediately adjacent areas including the grading area. Visual inspections were conducted at approximately 15-foot (5-meter) intervals.

A subsurface survey was also conducted within the APE for direct effects. ECA determined that two shovel test pits (STP) within the proposed lease area, 13 STPs within the proposed access/utility easement, and two STPs within each guy-wire easement, for a total of 21 STPs would be an adequate representative sampling of the proposed project area. All shovel test pits were excavated at 100-foot (30-meter) intervals and measured 16-inches by 16-inches (41-cm by 41-cm) square in size. Shovel test pits are terminated when one of the following four conditions are met: a depth of 36 inches (91-cm) is reached, or until sterile subsoil, bedrock, or the water table is

encountered. All excavated soils were screed through a six-millimeter wire mesh archaeology screen to isolate any cultural artifacts.

FIELD SURVEY RESULTS

Two STPs within the proposed lease area, 13 STPs within the proposed access/utility easement, and two STPs within each guy-wire easement, for a total of 21 STPs, were excavated. Shovel test dimension measurements and soil characteristics are listed in the following table:

Table 6: Shovel Test Pit Descriptions

Shovel Test Pit (STP)	Munsell Color/Texture	Depth		Artifacts Encountered
		in	cm	
STP1	Black (10YR 2/1) loam	0-2	0-5	No
	Light yellowish brown (10YR 6/4) silty loam	2-5	5-13	No
	Yellowish red (5YR 4/6) silty clay	5-14	13-36	No
STP2	Black (10YR 2/1) loam	0-3	0-8	No
	Brown (10YR 5/3) silty loam	3-10	8-25	No
	Light yellowish brown (10YR 6/4) silty loam	10-15	25-38	No
	Yellowish brown (10YR 5/8) silty clay	15-20	38-51	No
STP3	Black (10YR 2/1) loam	0-3	0-8	No
	Brown (10YR 5/3) silty loam	3-10	8-25	No
	Light yellowish brown (10YR 6/4) silty loam	10-15	25-38	No
	Yellowish brown (10YR 5/8) silty clay	15-20	38-51	No
STP4	Black (10YR 2/1) loam	0-2	0-5	No
	Brown (10YR 5/3) silty loam	2-10	5-25	No
	Yellowish brown (10YR 5/8) silty clay	10-19	25-48	No
STP5	Black (10YR 2/1) loam	0-3	0-8	No
	Brown (10YR 5/3) silty loam	3-10	8-25	No
	Yellowish brown (10YR 5/8) silty clay	10-18	25-46	No

Shovel Test Pit (STP)	Munsell Color/Texture	Depth		Artifacts Encountered
		in	cm	
STP6	Brown (10YR 4/3) silty loam	0-23	0-58	No
	Light yellowish brown (2.5Y 6/4) silty loam	23-30	58-76	No
	Olive yellow (2.5Y 6/6) silty loam	30-36	76-91	No
STP7	Brown (10YR 4/3) silty loam	0-6	0-15	No
	Light yellowish brown (2.5Y 6/4) silty loam	6-36	15-91	No
STP8	Brown (10YR 4/3) silty loam	0-8	0-20	No
	Dark grayish brown (10YR 4/3) silty loam	8-12	20-30	No
	Light yellowish brown (2.5Y 6/4) silty loam	12-15	30-38	No
	Yellowish brown (10YR 5/8) silty clay	15-20	38-51	No
STP9	Brown (10YR 4/3) silty loam	0-3	0-8	No
	Yellowish brown (10YR 5/8) silty clay loam	3-16	8-41	No
STP10	Dark brown (10YR 3/3) silty clay loam	0-3	0-8	No
	Yellowish brown (10YR 5/8) silty clay loam	3-16	8-41	No
STP11	Dark brown (10YR 3/3) silty clay loam	0-2	0-5	No
	Yellowish red (5YR 5/8) silty clay loam	2-9	5-23	No
STP12	Dark brown (10YR 3/3) silty loam	0-2	0-5	No
	Reddish yellow (7.5YR 6/8) silty loam	2-6	5-15	No
	Yellowish red (5YR 4/6) silty clay loam	6-16	15-41	No
STP13	Dark brown (10YR 3/3) silty loam	0-3	0-8	No
	Reddish yellow (7.5YR 6/8) silty loam	3-8	8-20	No
	Yellowish red (5YR 4/6) silty clay loam	8-15	20-38	No
STP14	Dark brown (10YR 3/3) silty loam	0-3	0-8	No
	Brownish yellow (10YR 6/6) silty loam	3-8	8-20	No
	Yellowish red (5YR 4/6) silty clay	8-19	20-48	No

Shovel Test Pit (STP)	Munsell Color/Texture	Depth		Artifacts Encountered
		in	cm	
STP15	Dark brown (10YR 3/3) silty loam	0-5	0-13	No
	Reddish yellow (7.5YR 6/8) silty loam	5-11	13-28	No
	Yellowish red (5YR 4/6) silty clay loam	11-18	28-46	No
STP16	Dark brown (10YR 3/3) silty loam	0-2	0-5	No
	Reddish yellow (7.5YR 6/8) silty loam	2-3	5-8	No
	Yellowish red (5YR 4/6) silty clay loam	3-12	8-30	No
STP17	Black (10YR 2/1) loam	0-1	0-3	No
	Yellowish red (5YR 4/6) silty clay loam	1-11	3-28	No
STP18	Black (10YR 2/1) loam	0-3	0-8	No
	Reddish yellow (7.5YR 6/8) silty loam	3-8	8-20	No
	Yellowish red (5YR 4/6) silty clay loam	8-13	20-33	No
STP19	Dark brown (10YR 3/3) silty loam	0-2	0-5	No
	Brown (10YR 4/3) silty clay loam	2-9	5-23	No
	*Terminated at impenetrable rocky soil.			
STP20	Black (10YR 2/1) loam	0-1	0-3	No
	Brown (10YR 4/3) silty loam	1-2	3-5	No
	Yellowish red (5YR 4/6) silty clay loam	2-6	5-15	No
STP21	Black (10YR 2/1) loam	0-2	0-5	No
	Yellowish red (5YR 4/6) silty clay	2-7	5-18	No

No archaeological sites or cultural artifacts were identified during surface or subsurface investigations. Subsurface observations identified soils that generally matched the range of characteristics for the Sweatman series with evidence of prior disturbance associated with previous land clearing and clay pit land use.

LABORATORY METHODS

Since no artifacts were recovered during the field survey, no laboratory methods were employed.

CURATION

Since no archaeological sites were identified, artifact curation is not applicable to this work. All field notes, project photographs, and reports associated with this project will be curated at ECA's Alpharetta, GA office.

RECOMMENDATIONS

During the course of this archaeological assessment, no sites, either historic or prehistoric, were located in the APE for direct effects. We believe that no archaeological cultural resources will be affected by the proposed project. Therefore, we recommend a finding of No Effect for the proposed undertaking as it relates to archaeology. We request your concurrence with our finding. If inadvertent discoveries of buried cultural materials or human remains are found during construction, all work should cease and potentially affected Tribes, as well as the State Historic Preservation Office should be notified immediately.

CLOSURE

We are submitting this report for The Towers, LLC to seek concurrence with our finding and to comply with Federal Communications Commission (FCC) requirements as identified in 47 CFR 1.1307. Chase Rodriguez, MA, Project Archaeologist, performed the fieldwork. Holly Jansen Fulkerson, MA, Senior Project Manager, conducted background research and wrote the report. Shannon Lowman, MA, RPA, Principal Investigator, reviewed this assessment. We request your concurrence with our finding. Please contact our office with questions or comments or if additional information is required.

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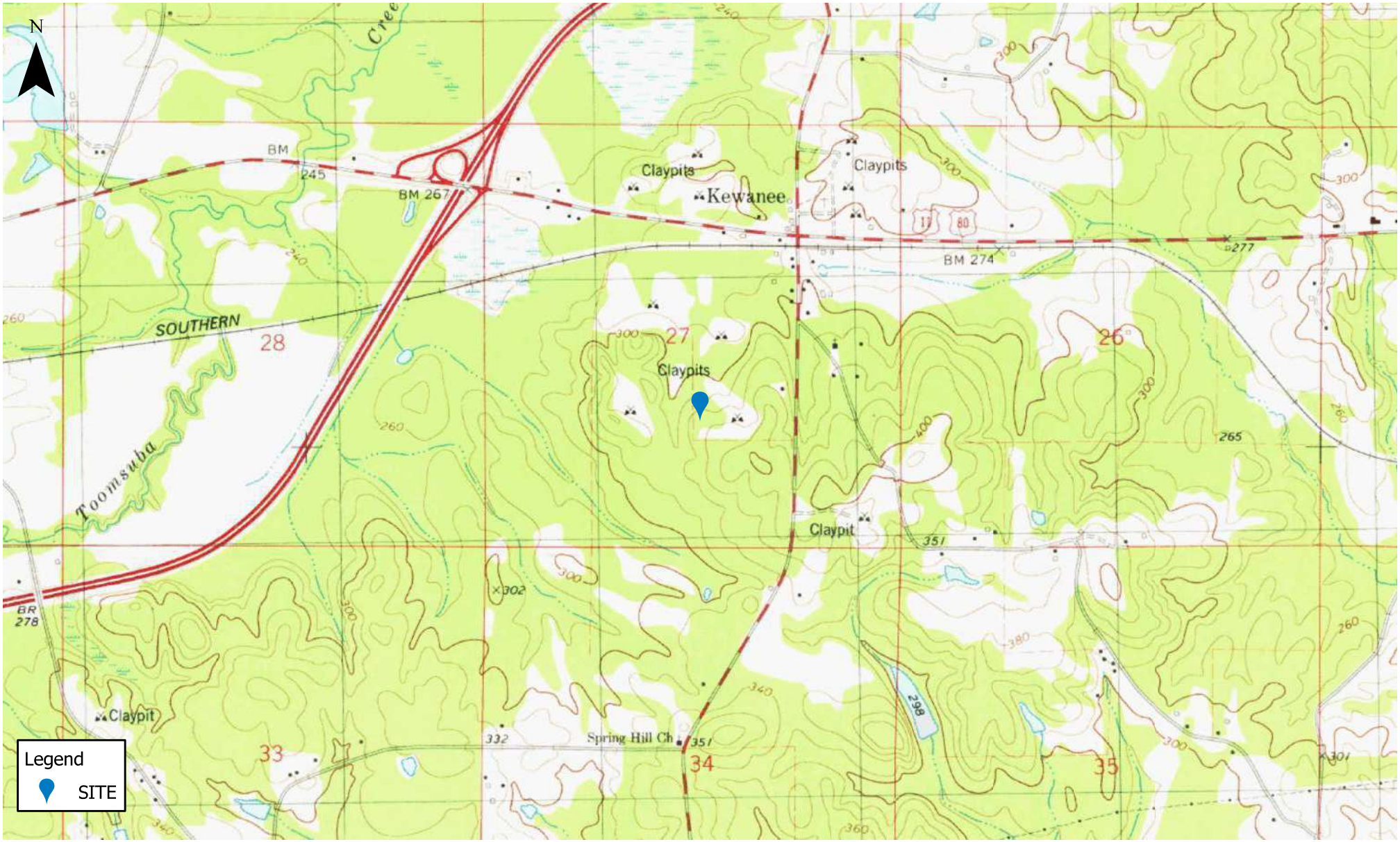
Appendix A

Figures

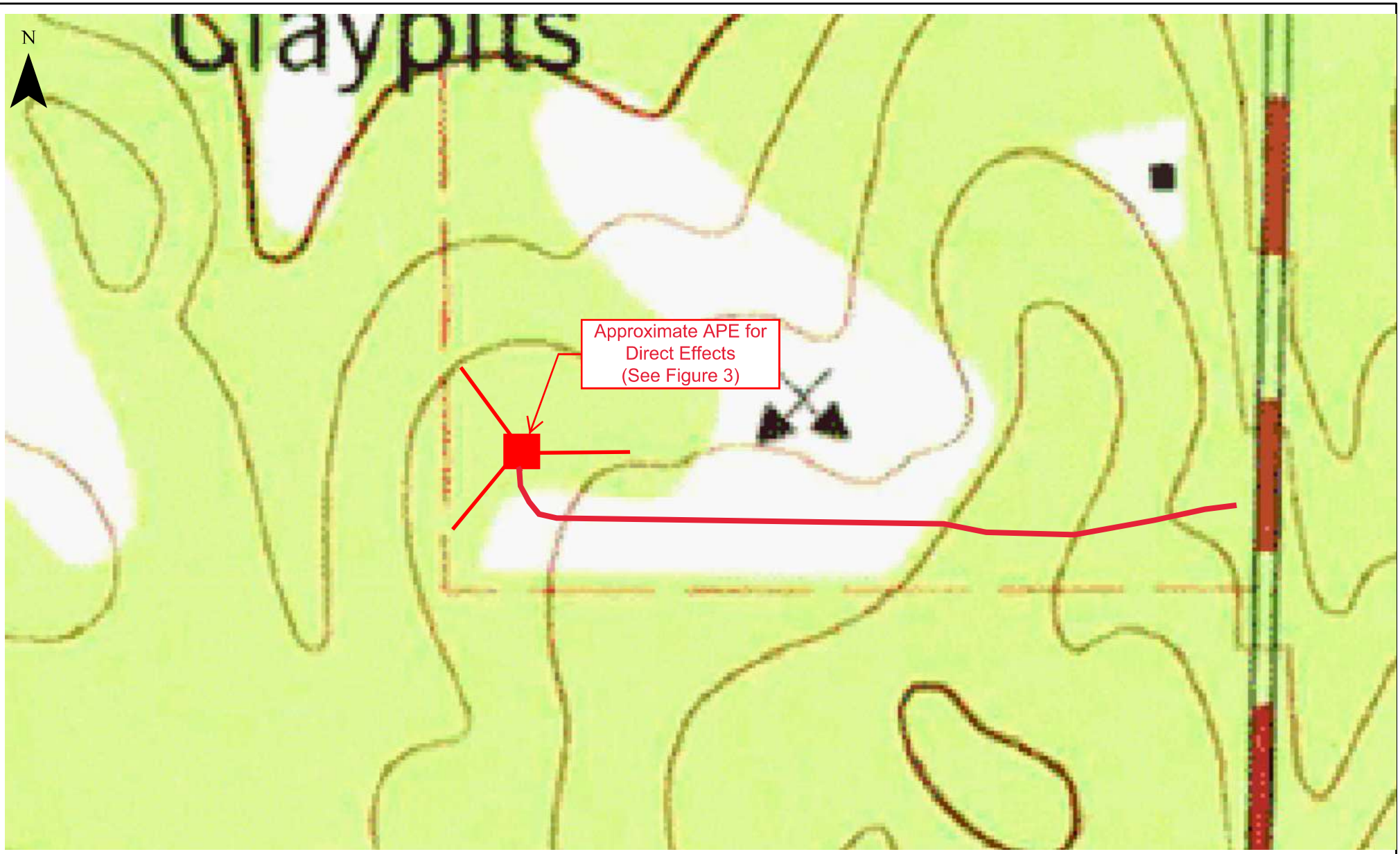


Source: USGS Topographic Map 7.5-Minute Series, Kewanee, MS-AL (1974).

Figure 1: Site Location Map

ECA ID: 25-004212

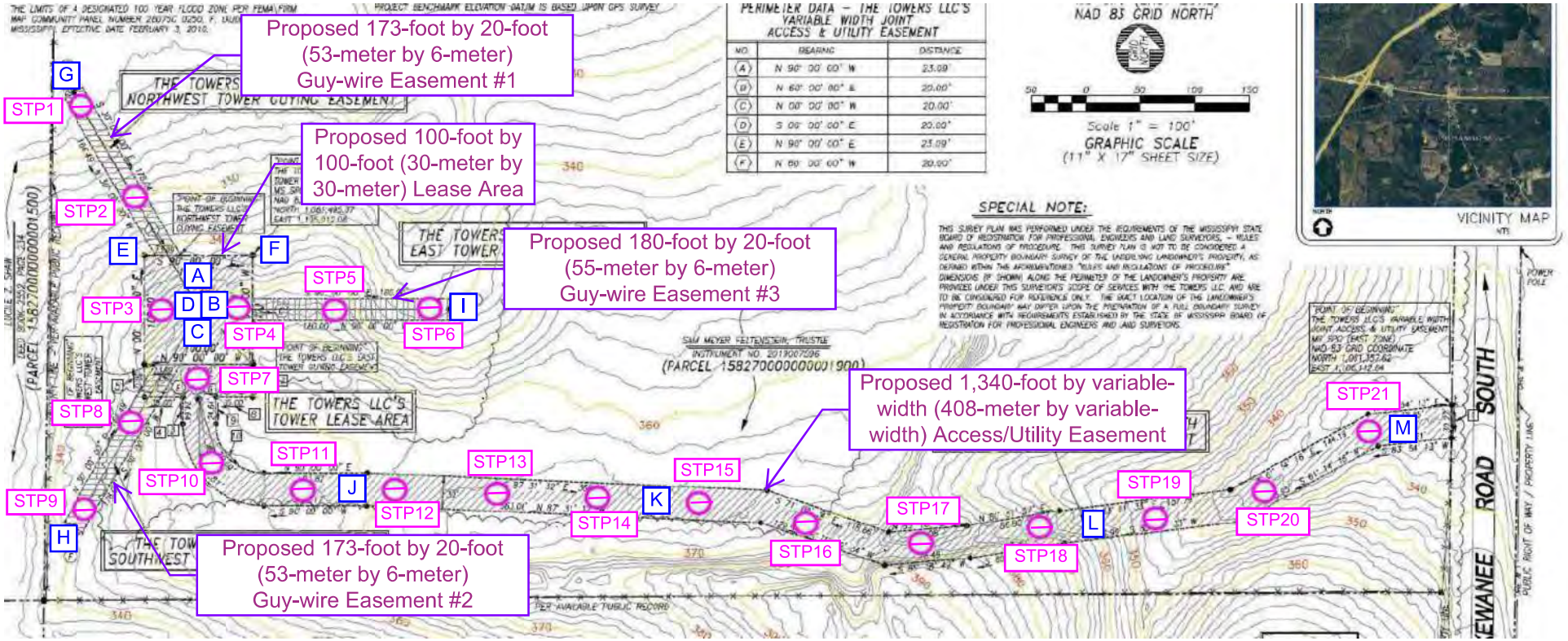
ECA



Source: USGS Topographic Map 7.5-Minute Series, Kewanee, MS-AL (1974).

Figure 2: APE for Direct Effects

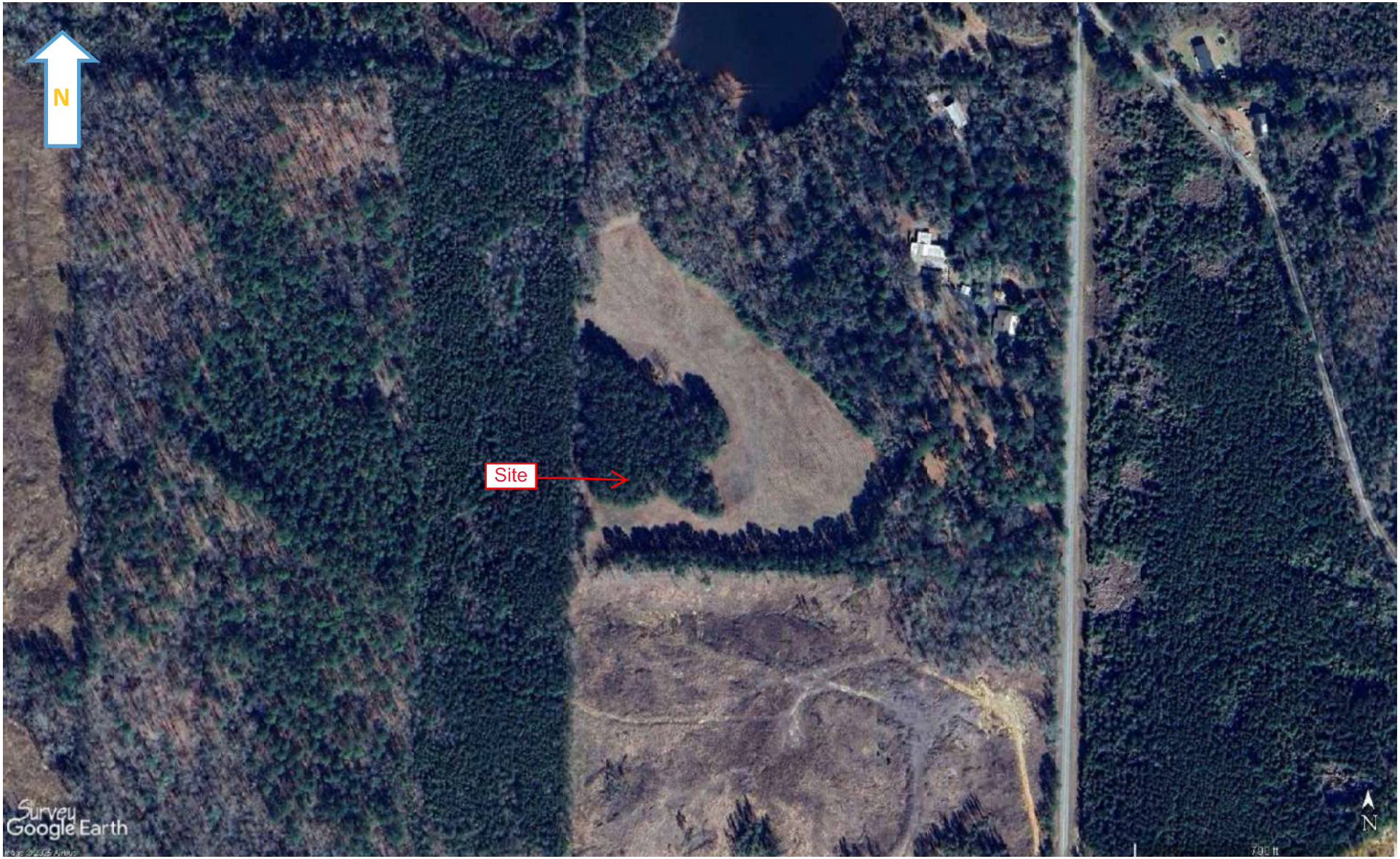
ECA ID: 25-004212



Source: Applicant

Figure 3: Site Vicinity Plan

ECA ID: 25-004212



Source: Google Earth 2023

Figure 4: 2023 Aerial Photograph

ECA ID: 25-004212

Source: Google Earth 1998

Figure 5: 1998 Aerial Photograph

ECA ID: 25-004212

Source: HistoricAerials.com 1980

Figure 6: 1980 Aerial Photograph

ECA ID: 25-004212

ECA

Source: HistoricAerials.com 1973

Figure 7: 1973 Aerial Photograph

ECA ID: 25-004212

ECA

Source: HistoricAerials.com 1967

Figure 8: 1967 Aerial Photograph

ECA ID: 25-004212

ECA

Source: HistoricAerials.com 1955

Figure 9: 1955 Aerial Photograph

ECA ID: 25-004212

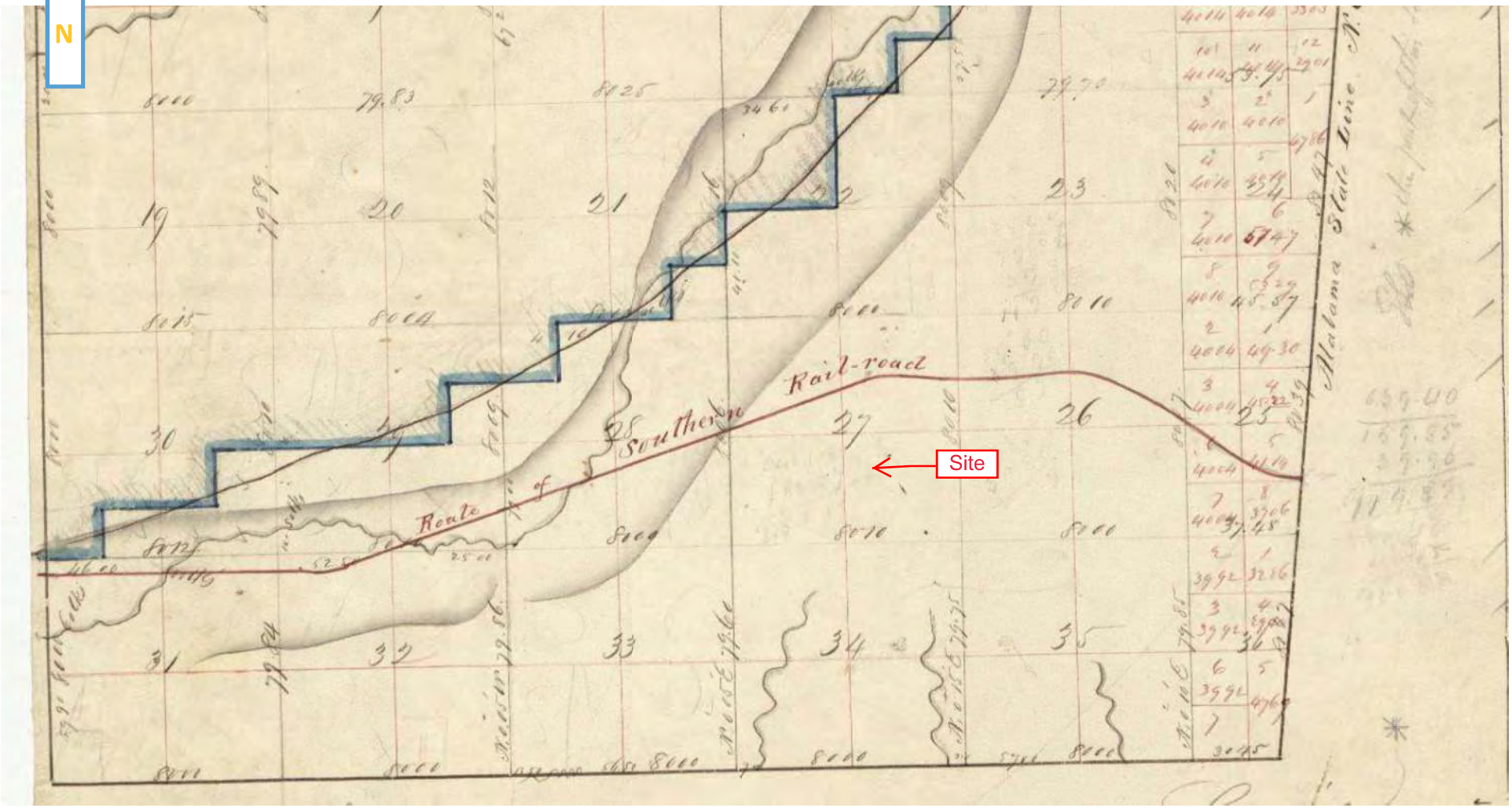
ECA

Source: HistoricAerials.com 1940

Figure 10: 1940 Aerial Photograph

ECA ID: 25-004212

ECA



Source: Bureau of Land Management, General Land Office Records (1834).

Figure 11: 1834 GLO Map

ECA ID: 25-004212

Appendix B

Photographs

A: Northerly View from Near the Center of the Proposed Lease Area

B: Easterly View from Near the Center of the Proposed Lease Area

C: Southerly View from Near the Center of the Proposed Lease Area

D: Westerly View from Near the Center of the Proposed Lease Area

Photographs

ECA ID: 25-004212

ECA

E: Southeasterly Overview of the Proposed Lease Area

F: Southwesterly Overview of the Proposed Lease Area

G: Southeasterly View of the Proposed Guy-wire Easement #1

H: Northeasterly View of the Proposed Guy-wire Easement #2

Photographs

ECA ID: 25-004212

ECA

I: Westerly View of the Proposed Guy-wire Easement #3

J: Westerly View of the Proposed Access/Utility Easement

K: Westerly View of the Proposed Access/Utility Easement

L: Easterly View of the Proposed Access/Utility Easement

Photographs

ECA ID: 25-004212

ECA

M: Easterly View of the Proposed Access/Utility Easement

N: Overview of Shovel Test Pit One (STP1)

O: Profile View of STP1

Photographs

ECA ID: 25-004212

Environmental Corporation of America (ECA)

TRIBAL INVOLVEMENT SUMMARY

Site Name:	Kewanee	Site Number:	US-MS-5371	NOO Date:	11/28/2025
TCNS #:	303379	ECA Project#:	25-004212	ECA PM:	HJF

NOO #	Tribal Entity Name	Date of Document Submittal	Method of Delivery	Email Address	Date of FCC Escalation	Tribal Response Date	Tribal Response
1	Crow Creek Sioux Tribe	12/22/2025	Electronic	cchistory@midstatesd.net	1/29/2026	2/13/2026	Cleared via FCC Escalation
2	Alabama Coushatta Tribe of Texas	12/22/2025	Electronic	Delvin.Johnson@actribe.org; joy.montgomery@actribe.org	1/29/2026	2/6/2026	Cleared via TCNS
3	Coushatta Indian Tribe	12/22/2025	Electronic	dakotajohn@coushatta.org; kdawsey@coushatta.org	1/29/2026	2/13/2026	Cleared via FCC Escalation
4	Jena Band of Choctaw Indians	12/22/2025	Electronic	lwilliamson@jenachoctaw.org	NA	12/29/2025	Cleared via TCNS
5	Mississippi Band of Choctaw Indians	12/22/2025	Electronic	section106@choctaw.org	1/29/2026	2/2/2026	Cleared via TCNS
6	Bad River Band of Lake Superior Chippewa Indians	NA	Electronic	thpo@badriver-nsn.gov; deputythpo@badriver-nsn.gov	NA	12/28/2025	Cleared via 30-day no response agreement
7	Choctaw Nation of Oklahoma	12/22/2025	Electronic	lbilyeu@choctawnation.com; syoungblood@choctawnation.com	1/29/2026	2/13/2026	Cleared via FCC Escalation
8	Alabama Quassarte Tribal Town	NA	Electronic	brina.williams@alabama-quassarte.org	NA	11/28/2025	Cleared via NOO
9	Tunica-Biloxi Indians of Louisiana	NA	Electronic	earlii@tunica.org	NA	12/28/2025	Cleared via 30-day no response agreement

TCNS Notification Statements

Holly Fulkerson

From: towernotifyinfo@fcc.gov
Sent: Thursday, November 20, 2025 9:43 AM
To: tribal.notify
Subject: Proposed Tower Structure Info - Email ID #9355453

Dear Dina M Bazzill,

Thank you for submitting a notification regarding your proposed construction via the Tower Construction Notification System. Note that the system has assigned a unique Notification ID number for this proposed construction. You will need to reference this Notification ID number when you update your project's Status with us.

Below are the details you provided for the construction you have proposed:

Notification Received: 11/20/2025

Notification ID: 303379
Tower Owner Individual or Entity Name: The Towers, LLC
Consultant Name: Dina M Bazzill
Street Address: 1375 Union Hill Industrial Court
City: Alpharetta
State: GEORGIA
Zip Code: 30004
Phone: 770-667-2040
Email: tribal.notify@eca-usa.com

Structure Type: GTOWER - Guyed Structure Used for Communication Purposes
Latitude: 32 deg 25 min 3.6 sec N
Longitude: 88 deg 26 min 31.8 sec W
Location Description: Kewanee Road South
City: Toomsuba
State: MISSISSIPPI
County: LAUDERDALE

Detailed Description of Project: The applicant plans to construct a 310-foot tall (overall height) guyed telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004212
Ground Elevation: 107.3 meters
Support Structure: 91.4 meters above ground level
Overall Structure: 94.5 meters above ground level
Overall Height AMSL: 201.8 meters above mean sea level

This e-mail may contain trade secrets or privileged, undisclosed, or otherwise confidential information. If you have received this e-mail in error, you are hereby notified that any review, copying, or distribution of it is strictly prohibited. Please inform us immediately and destroy the original transmittal. Thank you for your cooperation.

Holly Fulkerson

From: towernotifyinfo@fcc.gov
Sent: Friday, November 28, 2025 3:02 AM
To: tribal.notify
Cc: tcnsweekly@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #9362328

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. THPO Merle Marks - Crow Creek Sioux Tribe - (PO Box: 286) Ft Thompson, SD - cchistory@midstatesd.net - 605-245-2221 - electronic mail
Exclusions: The Crow Creek Sioux Tribe has no interest in collocation projects. The Crow Creek Sioux Tribe requests the following states be removed from our geographic areas of interest, Arkansas , Virginia , South Carolina , Ohio , North Carolina, Michigan, Illinois

2. Historic Preservation Officer Delvin Johnson - Alabama-Coushatta Tribe of Texas - 571 State Park Road 56 Livingston, TX - Delvin.Johnson@actribe.org; joy.montgomery@actribe.org - 936-563-1100 (ext: 1181) - electronic mail

3. THPO Dakota John - Coushatta Indian Tribe - 1940 C.C Bel Road Elton, LA - dakotajohn@coushatta.org; kdawsey@coushatta.org - 337-584-1401 - electronic mail

4. TCNS Representative Lillie Williamson - Jena Band of Choctaw Indians - (PO Box: 14) Jena, LA - lwilliamson@jenachoctaw.org - 318-992-8258 - electronic mail
Exclusions: All FCC correspondence should be sent electronically to the e-mail lwilliamson@jenachoctaw.org

5. THPO Melanie Carson - Mississippi Band of Choctaw Indians - 101 Industrial Road (PO Box: 6010) Choctaw, MS - section106@choctaw.org - 601-663-7606 - electronic mail

6. THPO Lawrence Plucinski - Bad River Band of Lake Superior Tribe of Chippewa Indians - (PO Box: 39) Odanah, WI - thpo@badriver-nsn.gov; deputyTHPO@badriver-nsn.gov - 715-682-7123 - electronic mail

If the applicant/tower builder receives no response from the Bad River Band of Lake Superior Tribe of Chippewa Indians within 30 days after notification through TCNS, the Bad River Band of Lake Superior Tribe of Chippewa Indians has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Bad River Band of Lake Superior Tribe of Chippewa 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.

7. Compliance Review Specialist NHPA Sydney Youngblood-Blanton - Choctaw Nation of Oklahoma - 1919 Hina Hanta Way Calera, OK - syoungblood@choctawnation.com; lbilyeu@choctawnation.com - 580-642-8342 - electronic mail

8. THPO Brina Williams - Alabama Quassarte Tribal Town - (PO Box: 218) Wetumka, OK - Brina.Williams@alabama-quassarte.org - 405-452-3987 - 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

9. THPO Earl J Barbry Jr - Tunica-Biloxi Tribe of LA - Tunica-Biloxi Historic Preservation Office Attn: Earl, Jr., CERC (PO Box: 1589) Marksville, LA - earlii@tunica.org - 318-240-6451 - electronic mail
Exclusions: Email all requests for review rather than mailing hard copy.

If the applicant/tower builder receives no response from the Tunica-Biloxi Tribe of LA within 30 days after notification through TCNS, the Tunica-Biloxi Tribe of LA has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder,
however, must immediately notify the Tunica-Biloxi Tribe of LA 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.

10. SHPO Cathie Matthews - Department of Arkansas Heritage - 323 Center Street Suite 1500 Little Rock, AR - cathiem@arkansasheritage.org - 501-324-9150 - electronic mail

11. Deputy SHPO Ken Grunewald - Department of Arkansas Heritage - 323 Center Street Suite 1500 Little Rock, AR - keng@arkansasheritage.org - 501-324-9357 - electronic mail

12. SHPO Katie Blount - Mississippi Dept of Archives & History - (PO Box: 571) Jackson, MS - kblount@mdah.state.ms.us - 601-359-6850 - electronic mail

13. Deputy SHPO Kenneth H P'Pool - Division of Historic Preservation - (PO Box: 571) Jackson, MS - kppool@mdah.state.ms.us - 601-359-6940 - 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: 11/20/2025
Notification ID: 303379
Excluded from SHPO Review: No
Tower Owner Individual or Entity Name: The Towers, LLC
Consultant Name: Dina M Bazzill
Street Address: 1375 Union Hill Industrial Court
City: Alpharetta
State: GEORGIA
Zip Code: 30004
Phone: 770-667-2040
Email: tribal.notify@eca-usa.com

Structure Type: GTOWER - Guyed Structure Used for Communication Purposes
Latitude: 32 deg 25 min 3.6 sec N
Longitude: 88 deg 26 min 31.8 sec W
Location Description: Kewanee Road South
City: Toomsuba
State: MISSISSIPPI
County: LAUDERDALE
Detailed Description of Project: The applicant plans to construct a 310-foot tall (overall height) guyed telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004212
Ground Elevation: 107.3 meters
Support Structure: 91.4 meters above ground level
Overall Structure: 94.5 meters above ground level
Overall Height AMSL: 201.8 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://www.fcc.gov/wireless/available-support-services

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

_____
This e-mail may contain trade secrets or privileged, undisclosed, or otherwise confidential information. If you have received this e-mail in error, you are hereby notified that any review, copying, or distribution of it is strictly prohibited. Please inform us immediately and destroy the original transmittal. Thank you for your cooperation.

Follow-Up Documents

Holly Fulkerson

From: Holly Fulkerson
Sent: Monday, December 22, 2025 2:51 PM
To: 'cchistory@midstatesd.net'
Subject: FCC TCNS 303379, Section 106 Review, Toomsuba, Lauderdale County, Mississippi (ECA 25-004212)
Attachments: TCNS 303379_Section 106_ECA_25-004212.pdf

Hello,

Please see below for the following project based on interest expressed by the **Crow Creek Sioux Tribe** through the FCC Tower Construction Notification System (TCNS).

Subject: **Section 106 Review**
TCNS ID # 303379
Proposed 310-Foot Tall Guyed-Type Telecommunications Structure
(Overall Height With Appurtenances)
The Towers, LLC Site – Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
ECA Project #: 25-004212

Please find the attached Section 106 Review for the project detailed above. Please do not hesitate to let me know of any questions or concerns.

Thank you!

Kind regards,
Holly Jansen Fulkerson
Environmental Corporation of America (ECA)
770-667-2040 (office)
770-667-2041 (fax)
Holly.Fulkerson@eca-usa.com
www.eca-usa.com

Holly Fulkerson

From: Holly Fulkerson
Sent: Monday, December 22, 2025 2:51 PM
To: 'delvin.johnson@actribe.org'
Subject: FCC TCNS 303379, Section 106 Review, Toomsuba, Lauderdale County, Mississippi (ECA 25-004212)
Attachments: TCNS 303379_Section 106_ECA_25-004212.pdf

Hello,

Please see below for the following project based on interest expressed by the **Alabama Coushatta Tribe of Texas** through the FCC Tower Construction Notification System (TCNS).

Subject: **Section 106 Review**
TCNS ID # 303379
Proposed 310-Foot Tall Guyed-Type Telecommunications Structure
(Overall Height With Appurtenances)
The Towers, LLC Site – Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
ECA Project #: 25-004212

Please find the attached Section 106 Review for the project detailed above. Please do not hesitate to let me know of any questions or concerns.

Thank you!

Kind regards,
Holly Jansen Fulkerson
Environmental Corporation of America (ECA)
770-667-2040 (office)
770-667-2041 (fax)
Holly.Fulkerson@eca-usa.com
www.eca-usa.com

Holly Fulkerson

From: Holly Fulkerson
Sent: Monday, December 22, 2025 2:51 PM
To: 'dakotajohn@coushatta.org'; 'kdawsey@coushatta.org'
Subject: FCC TCNS 303379, Section 106 Review, Toomsuba, Lauderdale County, Mississippi (ECA 25-004212)
Attachments: TCNS 303379_Section 106_ECA_25-004212.pdf

Hello,

Please see below for the following project based on interest expressed by the **Coushatta Indian Tribe** through the FCC Tower Construction Notification System (TCNS).

Subject: **Section 106 Review**
TCNS ID # 303379
Proposed 310-Foot Tall Guyed-Type Telecommunications Structure
(Overall Height With Appurtenances)
The Towers, LLC Site – Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
ECA Project #: 25-004212

Please find the attached Section 106 Review for the project detailed above. Please do not hesitate to let me know of any questions or concerns.

Thank you!

Kind regards,
Holly Jansen Fulkerson
Environmental Corporation of America (ECA)
770-667-2040 (office)
770-667-2041 (fax)
Holly.Fulkerson@eca-usa.com
www.eca-usa.com

Holly Fulkerson

From: Holly Fulkerson
Sent: Monday, December 22, 2025 2:51 PM
To: 'lwilliamson@jenachoctaw.org'
Subject: FCC TCNS 303379, Section 106 Review, Toomsuba, Lauderdale County, Mississippi (ECA 25-004212)
Attachments: TCNS 303379_Section 106_ECA_25-004212.pdf

Hello,

Please see below for the following project based on interest expressed by the **Jena Band of Choctaw Indians** through the FCC Tower Construction Notification System (TCNS).

Subject: **Section 106 Review**
TCNS ID # 303379
Proposed 310-Foot Tall Guyed-Type Telecommunications Structure
(Overall Height With Appurtenances)
The Towers, LLC Site – Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
ECA Project #: 25-004212

Please find the attached Section 106 Review for the project detailed above. Please do not hesitate to let me know of any questions or concerns.

Thank you!

Kind regards,
Holly Jansen Fulkerson
Environmental Corporation of America (ECA)
770-667-2040 (office)
770-667-2041 (fax)
Holly.Fulkerson@eca-usa.com
www.eca-usa.com

Holly Fulkerson

From: Holly Fulkerson
Sent: Monday, December 22, 2025 2:51 PM
To: 'section106@choctaw.org'
Subject: FCC TCNS 303379, Section 106 Review, Toomsuba, Lauderdale County, Mississippi (ECA 25-004212)
Attachments: TCNS 303379_Section 106_ECA_25-004212.pdf

Hello,

Please see below for the following project based on interest expressed by the **Mississippi Band of Choctaw Indians** through the FCC Tower Construction Notification System (TCNS).

Subject: **Section 106 Review**
TCNS ID # 303379
Proposed 310-Foot Tall Guyed-Type Telecommunications Structure
(Overall Height With Appurtenances)
The Towers, LLC Site – Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
ECA Project #: 25-004212

Please find the attached Section 106 Review for the project detailed above. Please do not hesitate to let me know of any questions or concerns.

Thank you!

Kind regards,
Holly Jansen Fulkerson
Environmental Corporation of America (ECA)
770-667-2040 (office)
770-667-2041 (fax)
Holly.Fulkerson@eca-usa.com
www.eca-usa.com

Holly Fulkerson

From: Holly Fulkerson
Sent: Monday, December 22, 2025 2:51 PM
To: 'vrobinson@choctawnation.com'
Subject: FCC TCNS 303379, Section 106 Review, Toomsuba, Lauderdale County, Mississippi (ECA 25-004212)
Attachments: TCNS 303379_Section 106_ECA_25-004212.pdf

Hello,

Please see below for the following project based on interest expressed by the **Choctaw Nation of Oklahoma** through the FCC Tower Construction Notification System (TCNS).

Subject: **Section 106 Review**
TCNS ID # 303379
Proposed 310-Foot Tall Guyed-Type Telecommunications Structure
(Overall Height With Appurtenances)
The Towers, LLC Site – Kewanee (US-MS-5371)
Kewanee Road South
Toomsuba, Lauderdale County, Mississippi
ECA Project #: 25-004212

Please find the attached Section 106 Review for the project detailed above. Please do not hesitate to let me know of any questions or concerns.

Thank you!

Kind regards,
Holly Jansen Fulkerson
Environmental Corporation of America (ECA)
770-667-2040 (office)
770-667-2041 (fax)
Holly.Fulkerson@eca-usa.com
www.eca-usa.com

Referrals

Tessa Rogers

From: towernotifyinfo@fcc.gov
Sent: Thursday, January 29, 2026 9:02 AM
To: tribal.notify
Cc: tcnsweekly@fcc.gov
Subject: Proposed Construction of Communications Facilities Notification of Final Contacts - Email ID #39207

Cellco Partnership d/b/a Verizon Wireless
Dina M Bazzill
1375 Union Hill Industrial Court
Alpharetta, GA 30004

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 01/22/2026 and 01/29/2026. Our contact with these Tribal Nations or NHOs was sent on 01/29/2026.

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 01/29/2026, 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,
Ellen Saint Onge
Federal Preservation Officer
Federal Communications Commission
ellen.saintonge@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.

within a proposed 17,536 sq ft -foot by -foot lease area. Additional details can be found in the Section 106 documentation. 25-4306

Tribe Name: Alabama-Coushatta Tribe of Texas
Tribe Name: Apache Tribe of Oklahoma
Tribe Name: Comanche Nation
Tribe Name: Coushatta Indian Tribe
Tribe Name: Kiowa Indian Tribe THPO
Tribe Name: Mescalero Apache Tribe
Tribe Name: Shawnee Tribe
Tribe Name: Tonkawa Tribe

TCNS# 303379 Referred Date: 01/28/2026 Location: Kewanee Road South, Toomsuba, MS Detailed Description of Project: The applicant plans to construct a 310-foot tall (overall height) guyed telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004212

Tribe Name: Alabama-Coushatta Tribe of Texas
Tribe Name: Choctaw Nation of Oklahoma
Tribe Name: Coushatta Indian Tribe
Tribe Name: Crow Creek Sioux Tribe
Tribe Name: Mississippi Band of Choctaw Indians

TCNS# 303312 Referred Date: 01/28/2026 Location: Pall Bearer Road, Thomasville, GA Detailed Description of Project: The applicant plans to construct a 210-foot tall (overall height) monopole telecommunications structure within a proposed 80-foot by 80-foot lease area. Additional details can be found in the Section 106 documentation. 25-004465

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# 304591 Referred Date: 01/28/2026 Location: 235 B E Broadway, Milton-Freewater, OR Detailed Description of Project: The applicant proposes to collocate antennas on an existing 106-foot (OH) monopole and an existing 12-foot (OH) equipment shelter with no ground disturbance proposed. Additional details can be found in the S106 documentation. 25-004595 and 25-004595b

Tribe Name: Confederated Tribes of the Umatilla Indian Reservation

TCNS# 303300 Referred Date: 01/26/2026 Location: 545 Bodie Road, Aiken, SC Detailed Description of Project: The applicant plans to construct a 300-foot tall (overall height) guyed-type telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004267

Tribe Name: Catawba Indian Nation
Tribe Name: Muscogee (Creek) Nation
Tribe Name: Shawnee Tribe
Tribe Name: Thlopthlocco Tribal Town
Tribe Name: United Keetoowah Band of Cherokee Indians in Oklahoma

TCNS# 300174 Referred Date: 01/26/2026 Location: 95 Maryland Avenue, Penns Grove, NJ Detailed Description of Project: The applicant plans to construct a 44-foot tall (overall height) small cell telecommunications structure within a proposed 10-foot by 10-foot lease area. Additional details can be found in the Section 106 documentation. 25-003016

Tribe Name: Delaware Tribe of Indians
Tribe Name: Wyandotte Nation

Tribal Clearances

Tessa Rogers

From: towernotifyinfo@fcc.gov
Sent: Friday, February 6, 2026 10:57 AM
To: tribal.notify
Cc: tcns.fccarchive@fcc.gov; Delvin.Johnson@actribe.org; joy.montgomery@actribe.org
Subject: Reply to Proposed Tower Structure (Notification ID: 303379) - Email ID #9435237

Dear Dina M Bazzill,

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 Historic Preservation Officer Delvin Johnson of the Alabama-Coushatta Tribe of Texas in reference to Notification ID #303379:

Greetings sir/madam,

The Alabama-Coushatta Tribal Historic Preservation Office is deeply committed to preserving historic tribal lands. We seek to conserve our tribal footprint, culture, artifacts, and natural habitat. We thank you for your inquiry.

The Tribe maintains an extensive record and database of cultural, historic, and prehistoric resources within this region. After reviewing the project and cross-referencing its legal description with our records, we have found no evidence that the project area intersects with or is adjacent to known cultural or historic resources. Therefore, the Alabama-Coushatta Tribe appreciates the notification and the opportunity to comment within the time available; we have no comments.

Should the project plans change, or if items of cultural significance are encountered during any phase of the work, please notify the Tribal Historic Preservation Office immediately for continued consultation. If you require further information or have any questions, please feel free to contact me at your earliest convenience.

Aliilamolo/Aliilamo,

Delvin Johnson
Tribal Historic Preservation Officer
Alabama-Coushatta Tribe of Texas
571 State Park Rd 56, Livingston, TX 77315 Delvin.Johnson@actribe.org
936.563.1181

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 11/20/2025

Notification ID: 303379
Tower Owner Individual or Entity Name: The Towers, LLC
Consultant Name: Dina M Bazzill
Street Address: 1375 Union Hill Industrial Court
City: Alpharetta
State: GEORGIA
Zip Code: 30004
Phone: 770-667-2040
Email: tribal.notify@eca-usa.com

Structure Type: GTOWER - Guyed Structure Used for Communication Purposes
Latitude: 32 deg 25 min 3.6 sec N
Longitude: 88 deg 26 min 31.8 sec W
Location Description: Kewanee Road South
City: Toomsuba
State: MISSISSIPPI
County: LAUDERDALE

Detailed Description of Project: The applicant plans to construct a 310-foot tall (overall height) guyed telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004212
Ground Elevation: 107.3 meters
Support Structure: 91.4 meters above ground level
Overall Structure: 94.5 meters above ground level
Overall Height AMSL: 201.8 meters above mean sea level

_____

This e-mail may contain trade secrets or privileged, undisclosed, or otherwise confidential information. If you have received this e-mail in error, you are hereby notified that any review, copying, or distribution of it is strictly prohibited. Please inform us immediately and destroy the original transmittal. Thank you for your cooperation.

Holly Fulkerson

From: towernotifyinfo@fcc.gov
Sent: Monday, December 29, 2025 12:14 PM
To: tribal.notify
Cc: tcns.fccarchive@fcc.gov; lwilliamson@jenachoctaw.org
Subject: Reply to Proposed Tower Structure (Notification ID: 303379) - Email ID #9402823

Dear Dina M Bazzill,

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 TCNS Representative Lillie Williamson of the Jena Band of Choctaw Indians in reference to Notification ID #303379:

To Whom It May Concern:

We are unaware of any sacred sites or significant cultural resources in this area. 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.

If you have any comments or questions, please feel free to contact me.

Please refer to the contact information below.

Thank you

Lillie Williamson
TCNS Representative
Jena Band of Choctaw Indians
P. O. Box 14
Jena, LA 71342
pH: 318-992-8258
Fax: 318-992-8244
Email: lwilliamson@jenachoctaw.org

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 11/20/2025
Notification ID: 303379
Tower Owner Individual or Entity Name: The Towers, LLC

Consultant Name: Dina M Bazzill
Street Address: 1375 Union Hill Industrial Court
City: Alpharetta
State: GEORGIA
Zip Code: 30004
Phone: 770-667-2040
Email: tribal.notify@eca-usa.com

Structure Type: GTOWER - Guyed Structure Used for Communication Purposes
Latitude: 32 deg 25 min 3.6 sec N
Longitude: 88 deg 26 min 31.8 sec W
Location Description: Kewanee Road South
City: Toomsuba
State: MISSISSIPPI
County: LAUDERDALE

Detailed Description of Project: The applicant plans to construct a 310-foot tall (overall height) guyed telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004212
Ground Elevation: 107.3 meters
Support Structure: 91.4 meters above ground level
Overall Structure: 94.5 meters above ground level
Overall Height AMSL: 201.8 meters above mean sea level

_____

This e-mail may contain trade secrets or privileged, undisclosed, or otherwise confidential information. If you have received this e-mail in error, you are hereby notified that any review, copying, or distribution of it is strictly prohibited. Please inform us immediately and destroy the original transmittal. Thank you for your cooperation.

Tessa Rogers

From: towernotifyinfo@fcc.gov
Sent: Monday, February 2, 2026 3:53 PM
To: tribal.notify
Cc: tcns.fccarchive@fcc.gov
Subject: Reply to Proposed Tower Structure (Notification ID: 303379) - Email ID #9429502

Dear Dina M Bazzill,

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 THPO Melanie Carson of the Mississippi Band of Choctaw Indians in reference to Notification ID #303379:

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: 11/20/2025
Notification ID: 303379
Tower Owner Individual or Entity Name: The Towers, LLC
Consultant Name: Dina M Bazzill
Street Address: 1375 Union Hill Industrial Court
City: Alpharetta
State: GEORGIA
Zip Code: 30004
Phone: 770-667-2040
Email: tribal.notify@eca-usa.com

Structure Type: GTOWER - Guyed Structure Used for Communication Purposes
Latitude: 32 deg 25 min 3.6 sec N
Longitude: 88 deg 26 min 31.8 sec W
Location Description: Kewanee Road South
City: Toomsuba
State: MISSISSIPPI
County: LAUDERDALE

Detailed Description of Project: The applicant plans to construct a 310-foot tall (overall height) guyed telecommunications structure within a proposed 100-foot by 100-foot lease area. Additional details can be found in the Section 106 documentation. 25-004212

Ground Elevation: 107.3 meters

Support Structure: 91.4 meters above ground level

Overall Structure: 94.5 meters above ground level

Overall Height AMSL: 201.8 meters above mean sea level

This e-mail may contain trade secrets or privileged, undisclosed, or otherwise confidential information. If you have received this e-mail in error, you are hereby notified that any review, copying, or distribution of it is strictly prohibited. Please inform us immediately and destroy the original transmittal. Thank you for your cooperation.

Appendix G

FCC and FAA Documentation

Reference Copy

FCC Form 854
Main Form

Approved by OMD – 3060-0139
See instructions for public burden estimate

Application for Antenna Structure Registration

Purpose of Filing

1) Enter the application purpose: (**AM**)

AM – Amendment of a Pending Application
AU – Administrative Update
CA – Cancellation of an Antenna Structure Registration
DI – Notification of an Antenna Structure Dismantlement
MD – Modification of a Antenna Structure Registration
NE – Registration of a New Antenna Structure
NT – Required Construction/Alteration Notification
OC – Ownership Change
RE – Registration of a Replacement Antenna Structure
WD – Withdrawal of a Pending Application

2a) If the answer to 1 is AU, CA, DI, MD, NT, OC or RE, provide the FCC Antenna Structure Registration (ASR) Number.	FCC ASR Number:
2b) If the answer to 1 is AM or WD, provide the File Number of the pending application on file.	File Number: **A1339867**
2c) If the answer to 1 is MD or NT, provide the date the Antenna Structure was constructed or the date it was last altered (mm/dd/yyyy).	Date:
2d) If the answer to 1 is DI, provide the date the Antenna Structure was dismantled (mm/dd/yyyy).	Date:

Antenna Structure Ownership Information

3) Select one of the entity types:

( ) Individual ( ) Unincorporated Association ( ) Trust ( ) Government Entity
( ) Corporation (**X**) Limited Liability Company ( ) General Partnership ( ) Limited Partnership
( ) Consortium ( ) Limited Liability Partnership ( ) Other: _____

4) FCC Registration Number (FRN): **0033815929**		5) Assignor FCC Registration Number (FRN):	
6) First Name (if individual):	MI:	Last Name:	Suffix:
7) Legal Entity Name (if not an individual): **The Towers, LLC**			
8) Attention To: **Richard Hickey**		9) P.O. Box:	**And/Or**
10a) Street Address 1: **22 W Atlantic Avenue**	10b) Street Address 2: **Suite 310**		
11) City: **Delray Beach**	12) State: **FL**	13) Zip Code: **33444**	
14) Telephone Number (xxx-xxx-xxxx): **(561) 406-4015**		15) Fax Number: (xxx-xxx-xxxx):	
16) E-mail Address: **fcc-faa@verticalbridge.com**			

Contact Representative Information

17) First Name (if individual): **Richard**	MI:	Last Name: **Hickey**	Suffix:
18) Business Name: **The Towers, LLC**			
19) Attention To: **Richard Hickey**	20) P.O. Box		**And/Or**
21a) Street Address 1: **22 W Atlantic Avenue**		21b) Street Address 2: **Suite 310**	
22) City: **Delray Beach**	23) State: **FL**	24) Zip Code: **33444**	
25) Telephone Number (xxx-xxx-xxxx): **(561) 406-4015**		26) Fax Number: (xxx-xxx-xxxx):	
27) E-mail Address: **fcc-faa@verticalbridge.com**			

Antenna Structure Information

28a) Latitude (DD-MM-SS.S): **32- 25- 03.6**		28b) North or South: **North**	
29a) Longitude (DDD-MM-SS.S): **088- 26- 31.8**		29b) East or West: **West**	
30) Street Address or Geographic Location: **38 KEWANEE SOUTH RD / MS-5371 (GG)**		31) City: **TOOMSUBA**	
32) County: **LAUDERDALE**	33) State: **MISSISSIPPI**	34) Zip Code: **39364**	

35) Elevation of site above mean sea level (meters):	**107.3** meters
36) Overall height above ground level (AGL) of the supporting structure without appurtenances:	**91.4** meters
37) Overall height above ground level (AGL) of the antenna structure including all appurtenances:	**93.0** meters
38) Overall height above mean sea level (add items 35 and 37 together):	**200.3** meters

39a) Enter the type of structure on which the antenna will be mounted: (**GTOWER**)

B – Building
BANT – Building with Antenna on Top
BMAST – Building with Mast
BPIPE – Building with Pipe
BPOLE – Building with Pole
BRIDG – Bridge
BTWR – Building with Tower
GTOWER – Guyed Structure Used For Communication Purposes
LTOWER – Lattice Tower
MAST – Mast
MTOWER – Monopole
NNGTANN – Guyed Tower Array
NNLTANN – Lattice Tower Array
NNMTANN – Monopole Array
PIPE – Any type of Pipe
POLE – Any type of Pole
RIG – Oil or Other Type of Rig
SIGN – Any type of Sign or Billboard
SILO – Any type of Silo
STACK – Smoke Stack
TANK – Any type of Tank (water, gas, etc.)
TREE – When used as a support for an antenna
UPOLE – Utility Pole/Tower used to provide service (electric, telephone, etc.)

39b) Number of Towers in Array:	39c) Position of this Tower in the Array:
40a) Array Center Latitude (DD-MM-SS.S):	40b) North or South
41a) Array Center Longitude (DDD-MM-SS.S):	41b) East or West:

Reference Copy

Proposed Marking and/or Lighting

42) Enter the proposed marking and/or lighting: (7)
See Form 854 Item 42 Instructions for detailed tier and lighting information.

1) None
2) Paint Only
3) Other _____
4) FAA Style B
5) FAA Style D
6) FAA Style C
7) FAA Style E
8) FAA Style F
9) FAA Style A
10) FAA Style G

FAA Notification

43) FAA Study Number:	44) Date Issued:

Environmental Compliance

45) Does the applicant request a waiver of the Commission's rules for environmental notice prior to construction due to an emergency situation?	(**No**) Yes or No
46a) If the answer to 45 is No, is another federal agency taking responsibility for environmental review of the Antenna Structure?	(**No**) Yes or No
46b) If the answer to 46a is Yes, indicate why: 1) The Antenna Structure is on Federal Land and the landholding agency is taking responsibility for the environmental review of the Antenna Structure. 2) Another federal agency has agreed with the FCC in writing to take responsibility for the environmental review of the Antenna Structure.	( ) 1 or 2
46c) If the answer to 46a is Yes, provide the name of the federal agency taking responsibility for the environmental review of the Antenna Structure.	Name:
47) If the answers to 45 and 46a are No, provide the National Notice Date for the application to be posted on the FCC's website (mm/dd/yyyy).	Date: **01/28/2026**
48) Is the applicant submitting an environmental assessment?	(**No**) Yes or No
49) Does the applicant certify that grant of Authorizations at this location would not have a significant environmental effect pursuant to Section 1.1307 of the FCC's rules?	( ) Yes or No
50) If the answer to 49 is Yes, select the basis for this certification. 1) The construction is exempt from environmental notification (other than due to another agency's review) and it does not fall within one of the categories in Section 1.1307(a) or (b) of the FCC's rules? 2) The construction is exempt from environmental notification due to another agency's review, and the other agency has issued a Finding of No Significant Impact. 3) The environmental notification has been completed, and the FCC has notified the applicant that an Environmental Assessment is not required under Section 1.1307(c) or (d) of the FCC's rules, and the Construction does not fall within one of the categories in Section 1.1307(a) or (b) of the FCC's rules. 4) The FCC has issued a Finding of No Significant Impact.	( ) 1, 2, 3, 4
51) If the answer to 50 is 3 or 4, enter the date that Local Notice was provided (mm/dd/yyyy).	Date:

Reference Copy

Certification Statements

1) The applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.
2) The applicant certifies that neither the applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. See Section 1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification.

Signature (Typed or Printed Name of Party Authorized to Sign) (For OC Applications, to be completed by Assignee)

52) First Name:	MI:	Last Name:	Suffix:
Matthew		**Bonfante**	
53) Title: **Regulatory Compliance Specialist**			
54) Signature: **Matthew Bonfante**			55) Date: **Jan 27, 2026**

Signature (Typed or Printed Name of Party Authorized to Sign) (For OC Applications, to be completed by Assignor)

56) First Name:	MI:	Last Name:	Suffix:
57) Title:			
58) Signature:			59) Date:

Reference Copy

Privacy Act Statement (5 U.S.C. § 552a(e)(3)): Authority: Information solicited by the Federal Aviation Administration (FAA) Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) is authorized by 49 U.S.C. § 44718 and 47101 Purpose: The FAA OE/AAA is an application used to evaluate all structures that may affect the national airspace system and defend against potential hazards to the safety and efficient use of the navigable airspace. The information collected is used to allow a user access to the OE/AAA and to administer the Aeronautical Study Process. Routine Uses: In accordance with the Privacy Act system of records notice, DOT/ALL 16 Mailing Management System and DOT/FAA 826 Petitions for Exemptions, Other than Medical Exemptions this information may be disclosed to officials within the federal government and the public in general. DOT/ALL 13 - Internet/Intranet Activity and Access Records, this information is routinely used; • To provide information to any person(s) authorized to assist in an approved investigation of improper access or usage of DOT computer systems; • To an actual or potential party or his or her authorized representative for the purpose of negotiation or discussion of such matters as settlement of the case or matter, or informal discovery proceedings; • To contractors, grantees, experts, consultants, detailees, and other non-DOT employees performing or working on a contract, service, grant cooperative agreement, or other assignment from the Federal government, when necessary to accomplish an agency function related to this system of records; and • To other government agencies where required by law.

Disclosure: Submission of the information is voluntary, however, failure to submit requested information will result in FAA's inability to grant you access to the system and may result in an inability of the FAA to process the notice or administer the aeronautical study process for the construction, alteration, activation, or deactivation proposed.

U.S. Department of Transportation
Federal Aviation Administration

Failure to Provide All Requested Information May Delay Processing of your Notice

Notice of Proposed Construction or Alteration

FOR FAA USE ONLY

Aeronautical Study Number
2025-ASO-21328-OE

Status: Evaluating

1.Sponsor

Name:	THE TOWERS, LLC
Attn of:	Richard Hickey
Address:	22 West Atlantic Avenue Suite 310
City:	Delray Beach
State:	FL
Zip:	33444
Country:	US
Phone:	+1-1-561-406-4015
Fax:	

2.Sponsor's Representative

Name:	VERTICAL BRIDGE REIT, LLC
Attn of:	VERTICAL BRIDGE REIT, LLC
Address:	22 West Atlantic Avenue Suite 310
City:	Delray Beach
State:	FL
Zip:	33444
Country:	US
Phone:	+1-1-561-406-4015
Fax:	

3.Notice of: New Construction

4.Duration:

Permanent (Months:0 Days:0)

5.Work Schedule:

6.Type: Antenna Tower

7.Marking/Lighting: Dual-red and medium intensity

8.FCC Antenna Registration Number:
(if applicable)

9.Latitude: 32° 25' 3.58" N

10.Longitude: 88° 26' 31.77" W

12.Nearest

State: MS

County: Lauderdale

13.Nearest Public Use Airport: NMM
(or Military Airport/Heliport)

14.Distance from Airport to Structure: 60484 ft

15.Direction from Airport to Structure: 145°

16.Site Elevation *(SE)*: 352 ft

17.Structure Height *(AGL)*: 305 ft

18.Overall Height *(AMSL)*: 657 ft

19.Prior ASN *(if applicable)*:

20.Description of Location:
38 KEWANEE S RD.

21.Description of Proposal:
New site build. Contact info: Glen Gutierrez / 561.348.5230 / glen.gutierrez@verticalbridge.com

Frequencies:

Low Freq	High Freq	Unit	ERP
6	7	GHz	42 dBW
6	7	GHz	55 dBW
10	11.7	GHz	42 dBW
10	11.7	GHz	55 dBW
17.7	19.7	GHz	42 dBW
17.7	19.7	GHz	55 dBW
21.2	23.6	GHz	42 dBW
21.2	23.6	GHz	55 dBW
614	698	MHz	1000 W
614	698	MHz	2000 W
698	806	MHz	1000 W
806	824	MHz	500 W
806	901	MHz	500 W
824	849	MHz	500 W
851	866	MHz	500 W
869	894	MHz	500 W
896	901	MHz	500 W
901	902	MHz	7 W
929	932	MHz	3500 W
930	931	MHz	3500 W
931	932	MHz	3500 W
932	932.5	MHz	17 dBW
935	940	MHz	1000 W
940	941	MHz	3500 W
1670	1675	MHz	500 W
1710	1755	MHz	500 W
1850	1910	MHz	1640 W
1850	1990	MHz	1640 W
1930	1990	MHz	1640 W
1990	2025	MHz	500 W
2110	2200	MHz	500 W
2305	2360	MHz	2000 W
2305	2310	MHz	2000 W
2345	2360	MHz	2000 W
2496	2690	MHz	500 W
3700	3980	MHz	3280 W

Letters:

Processed 7460-2 Forms:

Supplemental Form 7460-2:
Please login to add a Supplemental Form 7460-2

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
Ashley Bean	Environmental Corporation of America	Biology/Environmental Sciences	4 years	Document preparation
Shannon Lowman	Environmental Corporation of America	Cultural Resources	9 years	Document preparation
Dina Bazzill	Environmental Corporation of America	NEPA / Cultural Resources	18 years	Principal review and oversight