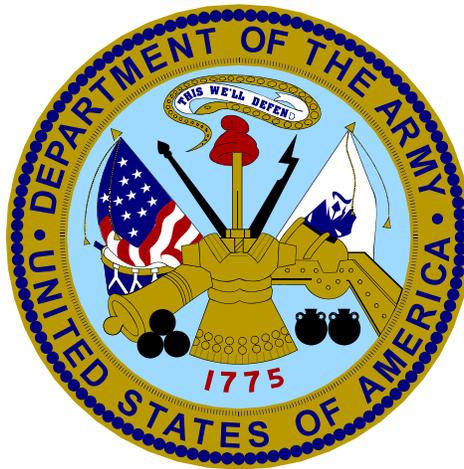


DRAFT
REPORT OF ENVIRONMENTAL ASSESSMENT
CONSTRUCTION AND OPERATION OF VERIZON WIRELESS/SPRINT
WIRELESS COMMUNICATION FACILITY
U.S. DEPARTMENT OF THE ARMY
PICATINNY ARSENAL
JEFFERSON, MORRIS COUNTY, NEW JERSEY

SUBMITTED TO:



PICATINNY ARSENAL
PICATINNY ARSENAL, NEW JERSEY

SUBMITTED BY:



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FEBRUARY 16, 2010

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EXECUTIVE SUMMARY

E2 Project Management LLC (E2PM), under contract to New York SMSA Partnership d/b/a Verizon Wireless (Verizon Wireless) and Sprint Together with Nextel (Sprint), has been requested to conduct an Environmental Assessment (EA) in general conformance with the scope and limitations of Section 1508.9 of the Council on Environmental Quality (CEQ) National Environmental Policy Act (NEPA) regulations; Title 47 Code of Federal Regulations (CFR) Section 1.1307; all applicable U.S. Army Regulations (AR) for Environmental Protection and Enhancement (AR 200-1) and the Verizon Wireless Scope of Work for the Jefferson 3-Picatinny project, located along Berkshire Trail within the U.S. Department of the Army Picatinny Arsenal installation, Jefferson Township, Morris County, New Jersey (see Appendix A), herein referred to as the “Site”.

Historical research indicated that the proposed monopole would be partially visible from the Picatinny Arsenal Administration and Research District, which is eligible for listing on the National Register of Historic Places. It was determined that the proposed action would have a minor effect on the resource’s integrity of setting but the effect would not be adverse. The proposed monopole would not alter the characteristics of the resource that qualify it for listing on the National Register of Historic Properties nor would it diminish the resource’s integrity

It was determined that only one off-base location exists in which the tower could be seen, the intersection of Berkshire Valley Road and Taylor Road. No residents or historical site are located in this area. There will be no off-site impacts to any residential areas or historical sites.

The proposed wireless facility would not require any State or local permits. A Safety Permit would be required by Picatinny Arsenal.

Based on the analyses presented in this EA and information provided by all consulted personnel, the proposed action would have no adverse impacts to the resources examined within this EA. Therefore, the preparation of an environmental impact statement (EIS) is not warranted at this time. This decision will be documented through a Finding of No Significant Impact (FONSI).

1.0 INTRODUCTION

The proposed action by Verizon Wireless and Sprint consists of the construction of a wireless communications facility located at the Jefferson 3 site, along Berkshire Trail in the U.S. Department of the Army Picatinny Arsenal installation, Jefferson Township, Morris County, New Jersey (the “site”). A map showing the Site area is included as Appendix A. The purpose of the Site is to provide cellular coverage for the designated Verizon Wireless/Sprint service area. The Site was selected to meet radio frequency transmission requirements for the area with an effort to avoid or minimize possible adverse environmental impacts.

In accordance with 47 CFR Section 1.1307 and AR 200-1, AR 200-3 and AR 200-4, the FCC and the U.S. Department of the Army requires an evaluation of certain environmental issues to various resources to determine whether a proposed action has the potential to cause an adverse environmental impact. The scope of this EA is to address the potential adverse environmental impacts associated with this proposed action as per the FCC and U.S. Department of the Army requirements.

An Environmental Screening Checklist was completed by E2PM, to determine whether the construction and operation of the Site at this location could potentially cause any significant adverse effects to the environment of the Picatinny Arsenal installation and off-base resources. Army Regulation based on concerns for the potential adverse impact to the aesthetic resources to the installation and off-site resources has requested the preparation of an EA and implementation of any mitigating measures to insure that the Site would be constructed in agreement with the requirements set forth by FCC and the Picatinny Environmental Affairs Division to avoid any adverse impact to aesthetics.

2.0 SITE INFORMATION

The site information of this EA includes the project location, description, site selection process and community response.

2.1 PROJECT LOCATION AND DESCRIPTION

Verizon Wireless and Sprint proposes to place communication equipment at the proposed Jefferson 3 – Picatinny Arsenal site, located along Berkshire Trail in the U.S. Department of the Army, Picatinny Arsenal installation, Jefferson Township, Morris County, New Jersey (Appendix A). The installation and Site property is owned by the U.S. Government and Picatinny Arsenal. The approximate latitude and longitude of the property are N40° 57' 0.32" and W74° 34' 5.99". The site has no designated block or lot.

The proposed Site area is located in a secured enclosure known as the 600 Area, within the active 6,500-acre U.S. Army Picatinny Arsenal installation. The Site property is a previously disturbed limited parcel of land along the Green Pond Mountain Ridge, with no enclosures or building structures present. A fenced-in fire observation tower and associated building are adjacent to the Site to the south. Berkshire Trail is located to the east and south of the Site area. An existing paved access drive extends west off of Berkshire Trail to the existing fire observation tower and associated building. Additionally, the Site property is surrounded by undeveloped mature vegetation (forest) and hilly terrain to the north, east, south and west and further surrounded by development associated with the military installation to the south-southeast. Site Photographs are provided in Appendix B.

Site plans prepared by E2PM indicate that Verizon Wireless and Sprint's proposed action includes the installation of 12 Verizon Wireless antennas at a centerline elevation of 148 feet and 12 Sprint antennas at a centerline elevation of 138 feet above ground level on a proposed 150-foot tall monopole within an irregular 38 foot 9 inch by 65 foot compound area. An 11.6-foot by 30-foot equipment shelter would be located to the south of the proposed monopole. Verizon Wireless will place their support equipment in an 11.5 foot by 30 foot shelter and Sprint will house their equipment in a 12 foot by 20 foot shelter.

A cable-bridge would route coaxial cable from the proposed equipment shelters to the antennas on the proposed monopole. The compound area would additionally include a proposed Verizon Wireless 1,000 gallon propane tank (with an underground gas line to an emergency generator located in the equipment shelter), underground utilities, meter bank, and CSC cabinet. The compound area would be enclosed by a proposed six-foot high chain link fence with gated access to match existing fencing that is present around

the Site. Lease exhibits of the proposed Verizon Wireless and Sprint equipment are provided as Appendix C.

2.2 SITE SELECTION

Verizon Wireless/Sprint has identified a gap in service in its wireless telecommunication network in and around the subject site. Once a service gap has been identified, a Verizon Wireless/Sprint Radio Frequency Engineer issues a search area in order to address this gap in wireless service. A search area is a geographical area located within the poor service area. A search area is designed such that if a wireless telecommunications facility is located within its area, at an appropriate height, it will provide the required coverage. The goal of the search area is to provide full and seamless coverage to users of Verizon Wireless and Sprint' services in and around the subject site. Verizon Wireless/Sprint personnel investigated the area for suitable locations in which they could build a new site to fill the gaps in service and identified the proposed site area. This site was analyzed using computer modeling as well as a site visit. It was determined that this site would fulfill the objectives for Verizon Wireless and Sprint' systems throughout this location and the surrounding area. Therefore, this site can be used to meet the requirements of the intended search area.

As part of the effort to locate the site, Verizon Wireless/Sprint investigated the availability of existing structures within this section of Rockaway Township to fill the gap in service. A number of existing structures as well as other "raw land" sites were identified and were ultimately rejected or eliminated for various reasons. Listed below are the alternate candidates with reasons why they were rejected.

PSE&G Transmission Line Towers – A number of utility towers were investigated in the search area and all were rejected due to the Highlands Regulations, the sites would not receive a Highlands Permit from the NJDEP.

Portofino Restaurant – The site was rejected due to the Highlands Regulations, the sites would not receive a Highlands Permit from the NJDEP.

Longwood Lake - The site was rejected due to the Highlands Regulations, the sites would not receive a Highlands Permit from the NJDEP.

2.3 COMMUNITY RESPONSE

The Site is located on a previously disturbed parcel of land within a secluded section of a secured military installation, surrounded by forestland in all directions. Therefore, the construction and operation of the

proposed communications facility have not been a source of environmental concern within the local community. Public consultations for the proposed action occurred as a part of the completion of a FCC Form 620 by The History Team of E2PM for the Site, submitted to the New Jersey State Historic Preservation Office (SHPO) in January 2008. No comments or concerns were received from the general public. Also, no comments or concerns were received from the Morris County Historical Society, Morris County Heritage Commission or Morris County Trust for Historic Preservation

The Picatinny Environmental Affairs Division has expressed concern for the proposed action and its potential adverse impact on the aesthetic resources of the installation. As a result, a balloon test was conducted on July 1, 2009 by William F. Masters JR., P.P., LLC on behalf of E2PM and Verizon Wireless to identify if impacts to aesthetics resources of the installation would be impacted by the proposed action. Some concern was raised regarding impacts to off-base aesthetic resources, it was determined through a recent balloon test on July 1, 2009 that there was insignificant impact to the view corridor along Berkshire Valley Road.

On October 23, 2009, representative from Picatinny, Verizon Wireless, and Sprint met with representative of Jefferson Township. Jefferson representatives included personnel from the police department, public Works and the Township Administrator. Picatinny presented the proposed project to the Township to get any input they might have. The Township indicated that the proposed facility will help with communication along Berkshire Valley Road and that they had no comment or changes to the proposed plan.

3.0 ENVIRONMENTAL IMPACTS

The U.S. Department of the Army requires an evaluation of certain environmental issues to determine whether the proposed action has the potential to cause adverse impacts to multiple resources within the vicinity of the Site, including aesthetics, airspace, air quality, noise, traffic and transportation, installation facilities, water resources, floodplains, stormwater, wetlands, threatened and endangered species, cultural and historic resources, socioeconomics, environmental justice, safety, recreation, soil contamination, hazardous material/hazardous waste, solid waste, and soil erosion. This Section identifies which environmental issues are applicable in regards to the proposed action and if so, a discussion of the potential environmental effects upon the resources identified previously.

Valued Environmental Components for Analysis

Valued Environmental Component	Level of Analysis
Aesthetics	Medium
Airspace	Low
Noise	Low
Traffic and Transportation	Low
Facilities	Low
Wetlands	Low
Threatened and Endangered Species	Low
Safety	Low
Recreation	Low
Environmental Justice	Low
Socioeconomics	Low
Soil Contamination	Low
Hazardous material/Hazardous Waste	Low
Soil Erosion	Low
Cultural Resources	Medium
Water Resources	Low
Air Quality	Low
Solid Waste	Low
Floodplains	Low
Stormwater	low

3.1 AESTHETICS

The existing aesthetic and visual resources at the proposed Site area are characterized by a previously disturbed clearing adjacent to an existing 75-foot tall fire observation tower and surrounded by one existing road (Berkshire Trail) and undeveloped forestland. With the existing fire observation tower located at a higher elevation within the installation, it can be seen from the developed areas and local roads of the Picatinny Arsenal. With the proposed action involving the construction of a taller structure at

150-feet above ground level near the fire observation tower, potential changes to aesthetic resources due to implementation of the proposed action are expected, but impacts should be minimal. There are several other communications and testing towers visible from the developed areas of the Picatinny Arsenal; therefore, the proposed monopole will not stand alone as a single structure creating a significant impact on the aesthetics of the installation.

According to The History Team of E2PM, computer generated viewshed mapping and a pedestrian survey were prepared to determine the visual effects of the proposed action. The proposed monopole would be visible from portions of Reilly Road, Phipps Road, Farley Avenue, 1st Street, 4th Street, 3rd Avenue, 4th Avenue, Ramsey Avenue, and from a portion of the southeastern part of Picatinny Lake and surrounding area. Further, a balloon test was conducted by William F. Masters JR., P.P., on July 1, 2009 to further determine the visual impacts of the proposed action. During the site visit, staff observed a test balloon that was floated at the approximate height of the proposed monopole, 150 feet above ground level. Three locations in Picatinny Arsenal were picked, with the help of Picatinny's Historian, to determine the view shed of the proposed monopole. The three location included:

1. Reilly Road and Building #354
2. Picatinny Peak at the Observation tower
3. Farley Avenue at Larned Terrace

The monopole will be visible from all three locations. Off-site affect were also evaluated. The only road in which the tower could be seen is Berkshire Valley Road. The road was driven in both a north and south direction to determine any location in which the tower could be seen. It was determined that only one location exists in which the tower could be seen, the intersection of Berkshire Valley Road and Taylor Road. No residents or historical site are located in this area. There will be no off-site impacts to any residential areas or historical sites. Adverse impacts would be minimal. Photo Sims of the proposed facility from the four locations described above can be found in Appendix D.

3.2 AIRSPACE

The proposed action is a minor construction with minimal operation and maintenance activities required within a small previously disturbed parcel of land in the Picatinny Arsenal installation. Most antenna structures that are taller than 60.96 meters (200 feet) above ground level or that may interfere with the flight path of a nearby airport must be cleared by the Federal Aviation Administration (FAA) and registered with the FCC. The FAA was not notified because the proposed action is only 45.7 meters above ground level at a total height of 150-feet and will not interfere with flight paths or a nearby airport.

A TOWAIR determination of the proposed action on March 24, 2008, indicated that a routine check of the proposed project coordinates, heights, and structure type as provided by Verizon Wireless/Sprint does not require registration with the FCC (Appendix E). TOWAIR allows antenna structure owners to determine whether their structures are close enough to an airport or heliport to require an aeronautical study by the Federal Aviation Administration (FAA) and registration with the FCC. Therefore, the proposed action would not create an adverse impact on airspace.

3.3 AIR QUALITY

Currently, the proposed Site area does not generate or contribute to any air emissions within Picatinny Arsenal. Other than a temporary increase in vehicular traffic during construction activities, the proposed action would not create any significant change to the traffic patterns along Berkshire Trail or access drive to the proposed Site area. The project may result in a minimal increased pollutant levels with the use of a proposed 60 kilowatt generator housed in the equipment shelter. Therefore, the proposed action would not create an adverse impact on air quality.

3.4 NOISE

Due to the Sites remote location within the installation, minimal noise levels related to occasional vehicular movement accessing or passing the Site are generated. On occasion, exceeding noise and vibration levels can be heard from military operation activities in nearby ordnance testing areas. During construction activities of the proposed project, temporary elevated noise levels would be generated at the Site. However, during operation, the proposed facility would generate minimal noise. Therefore, the proposed action would not create an adverse impact on noise resources.

3.5 TRAFFIC AND TRANSPORTATION

The Site area is located in a secluded and secured area of the Picatinny Arsenal installation; with little to no traffic traversing within the vicinity of the Site on a regular basis. Other than periodic maintenance activities by Verizon Wireless/Sprint personnel who have received security clearance to access the Site, traffic patterns would not change and the proposed action would not create an adverse impact to traffic and transportation.

3.6 INSTALLATION FACILITIES

The Site area is located in a secluded and secured area of the Picatinny Arsenal installation with no installation facilities present, other than a fire observation tower within the immediate vicinity. All other installation facilities are located between ¼ mile to a ½ mile to the south and southeast of the proposed

Site area. Therefore the proposed action would not create an adverse impact to installation facilities.

3.7 WATER RESOURCES

Based on the local hydrology of the Site, groundwater flows to the south-southeast. The proposed action involves limited ground disturbance; therefore, it is not anticipated that groundwater would be adversely impacted during construction and operation activities.

There are no surface water resources on the Site area. The Rockaway River is located approximately 1,400 feet to the northwest of the Site area; classified by the New Jersey Department of Environmental Protection (NJDEP) as FW2/Non-Trout/C2. The Green Pond Brook is located approximately 2,720 feet to the southeast of the Site area; classified by the NJDEP as FW2Non-Trout/C2. Although stormwater runoff extends to the east-southeast of the Site towards the Green Pond Brook; construction and operation activities of the proposed action would create a minor disturbance and would not cause a change in stormwater activity within the Site. Therefore, the proposed action would not create an adverse impact on surface water resources.

3.8 FLOODPLAINS

A search was conducted under the Federal Emergency Management Agency (FEMA) flood zone data for the Site and areas within a one-mile radius of the Site. The Site area was identified on the FEMA Flood Insurance Rate Map (FIRM) Panel 3405220006B, dated July 5, 1983. Based on a review of the FIRM map, the Site is not located within a 100-year or 500-year flood zone. Therefore, the proposed action would not be affected by flooding and would not create an adverse impact on surrounding floodplains. Copies of the FIRM Maps are included in Appendix F.

3.9 STORMWATER

Stormwater runoff is directed to the east-southeast of the Site, extending in the direction of the Green Pond Brook. No hydrological features were observed on or immediately adjacent to the Site area. Also, no drainage swales, culverts, and/or stormwater detention ponds were observed adjacent to the Site area during site investigations. Therefore, the proposed action would not create an adverse impact on stormwater patterns within the vicinity of the Site.

3.10 WETLANDS

According to the USFWS Wetlands Mapper and the NJDEP Mapped Wetlands database, the Site is not located within or near designated wetlands. Also, no wetland transition areas were identified within 300-feet of the proposed Site area. Therefore, the proposed action would not create an adverse impact to wetland resources. A copy of the NJDEP wetlands map is included in Appendix G.

3.11 LISTED THREATENED AND ENDANGERED SPECIES AND CRITICAL HABITAT

According to correspondences with the Office of Natural Lands Management, Natural Heritage Program of the NJDEP, Division of Parks and Forestry on February 19, 2009, multiple threatened and endangered species are listed for the Site property. Species of concern include the Allegheny woodrat (*Neotoma magister*), barred owl (*Strix varia*), bobcat (*Lynx rufus*), Cooper's hawk (*Accipiter cooperii*), Indiana bat (*Myotis sodalists*), Longtail salamander (*Eurycea longicauda longicauda*), red-headed woodpecker (*Melanerpes erythrocephalus*), red-shouldered hawk (*Buteo lineatus*), wood turtle (*Glyptemys insculpta*) and the timber rattlesnake (*Crotalus horridus horridus*). Although it is reported that these species of concern may exist within the vicinity of the Site, the proposed action would take place within a previously disturbed parcel of land; therefore, the habitats of the identified species would not be impacted as a result of the proposed undertaking. Based on these conditions, the proposed action would not create an adverse impact to threatened or endangered species and/or their habitats.

In a letter dated June 22, 2007, the USFWS has established criteria for categorical determination of “not likely to adversely affect” federally listed species in New Jersey, or have any significant impacts on migratory birds or other federal trust wildlife resources. The criteria are listed below:

- Routine maintenance at existing tower sites or other existing tower support structures;
- Repair or replacement of existing towers and/or equipment;
- Collocation of new equipment or antennas on an existing structure (e.g. tower, water tank, flagpole, building); and
- Construction of new towers without lights or guy wires under 200 feet in height.

Provided that:

- All ground disturbances is limited to previously developed or disturbed areas and at least 150 feet from any wetland, open water, beach or dune;
- Any net gain in impervious surface is under 0.25 acre;
- Proposed activities will not require the addition of lights or guy wires to an existing structure, or increase the height of an existing structure above 199 feet;
- The project is consistent with the Service's National Bald Eagle Management Guidelines;
- The northern counties (Bergen, Essex, Hudson, Hunterdon; Mercer, Middlesex, Morris, Passaic, Somerset, Sussex, Union and Warren) any incidental tree clearing is under 0.25 acre (including for access road) and trees over 6 inches in diameter at breast height will be cut between Oct. 1 and March 31.

The proposed action meets the above criteria. Therefore, the proposed project is not likely to adversely impact the federally listed species in New Jersey. No further consultation pursuant to Section 7 of the Endangered Species Act is required by the USFWS. Correspondences with the Natural Heritage Program and the USFWS are included in Appendix H.

3.12 CULTURAL AND HISTORIC RESOURCES

A search under the National Register of Historic Places as well as the Federal Lands database was conducted through Environmental Data Resources, Inc. (EDR) in March 2008 for the Site (Appendix I). Review of the database mapping identified that the property is not historic and is not located within any Federal or State historic areas or districts.

According to a New Tower (“NT”) Submission Packet-FCC Form 620 submitted to New Jersey SHPO by The History Team of E2PM on January 22, 2008, it appears that there is a low probability that the project will have an adverse impact upon any historic or prehistoric archaeological resources. It was also determined that although several historic districts and individual resources have been identified on the grounds of the Picatinny Arsenal; none of these identified historical resources are located within the immediate vicinity of the Site area.

The History Team of E2PM did indicate that the proposed monopole would be partially visible from the Picatinny Arsenal Administration and Research District, which is eligible for listing on the National Register of Historic Places. It was determined that the proposed action would have a minor effect on the resource’s integrity of setting but the effect would not be adverse. As an operating military installation specializing in the research, development, and production of armaments; the landscape of the Picatinny Arsenal is both industrial in nature and constantly changing. The proposed monopole would be located adjacent to an existing fire tower and there are several other communications and testing towers visible from the Picatinny Arsenal Administration and Research District. Therefore, it was determined that the proposed monopole would not have an adverse effect on the Picatinny Arsenal Administration and Research District. Also, the proposed monopole would not alter the characteristics of the resource that qualify it for listing on the National Register of Historic Properties nor would it diminish the resource’s integrity (36 CFR 800.5.1).

Also, The History Team determined that no identified Indian religious sites would be impacted by the proposed action. All applicable Indian Tribes were informed of the proposed project through the Tower Construction Notification System (TCNS) on November 13, 2007 (TCNS# 33136). Two tribes were identified by the TCNS – the Delaware Nation and the Shawnee Tribe. Follow-up letters and consultation fees were sent to the Delaware Nation and the Shawnee Tribe on November 19, 2007. The Delaware Nation responded on December 18, 2007, indicating that the location of the proposed project does not endanger known archeological sites of interest to the Delaware Nation. The Shawnee Tribe responded on February 22, 2008, indicating that no known historic properties would be negatively impacted by

construction of the proposed action.

The New Jersey SHPO concurred with the opinion of The History Team of E2PM on February 20, 2008, confirming that the proposed Verizon undertaking would not have an adverse effect on historic properties. Pursuant to 800.5 (c), no consulting parties objected to SHPO's findings, therefore, the project may proceed as proposed unless resources are discovered during project implementation pursuant to 800.13. The above correspondence with SHPO is included in Appendix J.

On November 4, 2009, on behalf of Sprint together with Nextel, E2PM submitted a Federal Communications Commission (FCC) Form 621 for a wireless telecommunication collocation at the above referenced location. E2PM found no adverse effect on historic properties. When a 621 is received by the FCC, the State Historic Preservation Office (SHPO) is immediately notified, and has 30 days to comment.

On December 8, 2009, the SHPO 30-day review period for this submission expired. E2PM was sent an electronic communication from the FCC that no comment had been received from SHPO. When the 30 day period expires without a comment from SHPO, then SHPO is presumed to have concurred with the applicant's determination, as per NPA 2005, Section VII, which states:

“C. Determinations of No Adverse Effect

2. If the SHPO/THPO does not provide written notice to the Applicant that it agrees or disagrees with the Applicant's determination of no adverse effect within thirty days following its receipt of a complete Submission Packet, the SHPO/THPO is presumed to have concurred with the Applicant's determination. The Applicant shall, pursuant to procedures to be promulgated by the Commission, forward a copy its Submission Packet to the Commission, together with all correspondence with the SHPO/THPO and any comments or objections received from the public, and advise the SHPO/THPO accordingly. The Section 106 process shall then be complete unless the Commission notifies the Applicant otherwise within 15 days after the Commission receives the Submission Packet and accompanying material electronically or 25 days after the Commission receives this material by other means.”

On January 14, in accordance with NPA 2005, Section VII, C, E2PM electronically forwarded a copy of its submission packet to the FCC. There was no correspondence from SHPO or members of the public, so none was sent. E2PM also informed SHPO electronically that the submission packet had been sent to the FCC.

Since fifteen days has expired from the January 14 2010 resubmission without any comments from the FCC, the Section 106 process is complete. The Sprint SHPO information can be found in Appendix J.

3.13 SOCIOECONOMICS AND ENVIRONMENTAL JUSTICE

The proposed action is located within an unpopulated and secluded area of Picatinny Arsenal; therefore, socioeconomic resources are not present within the vicinity of the Site and would not be adversely impacted by the proposed action. Also, Executive Order (EO) 12898, *Environmental Justice in Minority Populations and Low-Income Populations*, mandates that disproportionately high and adverse human health or environmental effects of programs on minority population and low-income populations be identified and addressed when applicable. Minority and low-income populations do not exist within or near the proposed Site area. Therefore, the proposed action would not create an adverse impact in or near a residential community or area including communities of minority or low-income populations.

3.14 SAFETY

The proposed action is taking place within an unpopulated and secluded area of Picatinny Arsenal; therefore, all proposed construction and operation activities would not create unsafe conditions amongst human populations. Also, construction activities will be implemented in accordance with all applicable Occupational Safety and Health Administration (OSHA) standards (29 CFR Part 1910). Due to the nature of the project, the proposed monopole and its supporting equipment would only be accessed on a periodic basis for maintenance purposes and would not create unsafe conditions once in operation. Therefore, the proposed action would not create an adverse impact on safety conditions at the Site.

3.15 RECREATION

With the Site area being located in a secured enclosure of the installation, used for research and ordnance testing only, no recreational activities are permitted. Therefore the proposed action would not create an adverse impact upon recreational activities.

3.16 SOIL CONTAMINATION

Picatinny Arsenal has been designated a National Priority List (NPL) site by the U.S. Environmental Protection Agency (USEPA). It has been reported that multiple contaminants have been found throughout the installation in groundwater, soils and sediments. Although such conditions do exist throughout much of the installation, the Site area is not located in any designated areas of concern regarding soil contamination.

Given the presence of painted surfaces and the age of the fire observation tower, a Phase II investigation was performed by E2PM on December 11, 2007 to determine if painted surfaces consisted of lead based paints (LBP) and if LBP and other priority pollutants were present in the soils of the Site area. The soil sample in the Site area was analyzed for priority pollutants plus forty (PP+40). Analytical results by

Integrated Analytical Laboratories, LLC (Randolph, New Jersey) indicated that the levels of lead in the paint chip samples were equal to that of federal standards and considered LBP. However, no exceedances of the NJDEP Soil Clean-Up Criteria (N.J.A.C. 7:26D) for lead or any other priority pollutant were identified in the soil sample collected from the area of Verizon Wireless's proposed equipment compound. Although lead samples were shown to equal that of federal standards and considered LBP, there would be no impact to the fire observation tower during Verizon Wireless's proposed construction activities. With no identified soil contamination present within the proposed equipment compound, the proposed action would not create an adverse impact to soil conditions within the vicinity of the Site area.

3.17 HAZARDOUS MATERIALS / HAZARDOUS WASTE

No identified hazardous materials or waste are used, stored or generated within the vicinity of the Site area, other than the presence of a propane tank near the base of the existing fire observation tower. The propane tank is used for a generator servicing the fire tower. The proposed action involves the installation of a 1,000 gallon propane tank at the base of the proposed monopole, to service a proposed 60 kilowatt generator in the Verizon Wireless equipment shelter. The propane tank would be located on a concrete pad to prevent any release at the Site. Therefore, the proposed action would not create an adverse impact to hazardous materials or hazardous waste.

3.18 SOLID WASTE

Currently, solid waste is not generated or staged within the Site area. Also, the proposed action will not generate any solid waste, other than materials associated with the construction of the proposed monopole, which would be properly removed off-site when construction activities are completed. Therefore, the proposed action would not create a substantial amount of solid waste to impact the surrounding environment of the Site area.

3.19 SOIL EROSION

The construction of the proposed action would require minimal excavation work on the Site. As a result, it is not anticipated that erosion would be significant during construction activities. Also, due to the nature of the proposed action, operation activities would not generate an increase in soil erosion. Therefore, the proposed action would not create an adverse impact on soil erosion.

4.0 FINDINGS, CONCERNS, AND RECOMMENDATIONS

Historical research indicated that the proposed monopole would be partially visible from the Picatinny Arsenal Administration and Research District, which is eligible for listing on the National Register of Historic Places. It was determined that the proposed action would have a minor effect on the resource's integrity of setting but the effect would not be adverse. The proposed monopole would not alter the characteristics of the resource that qualify it for listing on the National Register of Historic Properties nor would it diminish the resource's integrity.

It was determined that only one off-base location exists in which the tower could be seen, the intersection of Berkshire Valley Road and Taylor Road. No residents or historical sites are located in this area. There will be no off-site impacts to any residential areas or historical sites.

On October 23, 2009, representative from Picatinny, Verizon Wireless, and Sprint met with representative of Jefferson Township. Jefferson representatives included personnel from the police department, public works and the Township Administrator. Picatinny presented the proposed project to the Township to get any input they might have. The Township indicated that the proposed facility will help with communication along Berkshire Valley Road and that they had no comment or changes to the proposed plan.

Based on the analyses presented in this EA and information provided by all consulted personnel, the proposed action would have no adverse impacts to the resources examined within this EA, including aesthetics; airspace; air quality; noise; traffic and transportation; installation facilities; Water Resources (groundwater and surface water); floodplains; storm-water; wetland resources; threatened and endangered species; cultural and historic resources; socioeconomic; environmental justice; safety; recreation; soil contamination; hazardous material or hazardous waste; solid waste; and soil erosion. Therefore, the preparation of an environmental impact statement (EIS) is not warranted at this time. This decision will be documented through a Finding of No Significant Impact (FONSI).

5.0 LIMITATIONS

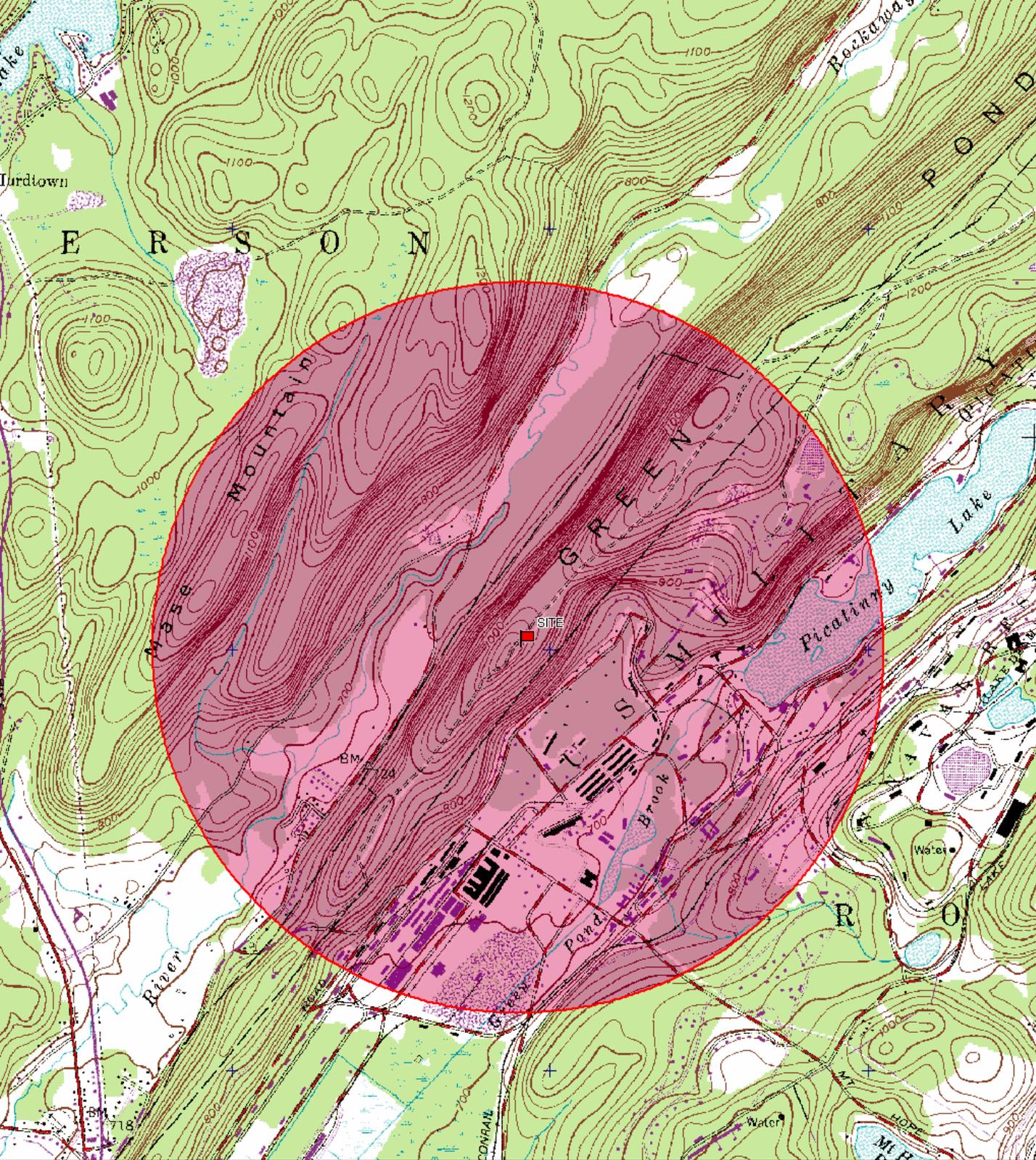
Material presented in this EA is based on a review of available records. Our liability with respect to our findings and conclusions are limited to the scope of the EA as set forth herein. We assume no liability under this report except in this case of our gross negligence, willful malfeasance, or willful nonfeasance.

6.0 REFERENCES

The following is a reference list of pertinent information relating to the project, project site and surrounding area used in the completion of this EA:

- E 2 Project Management, LLC (E2PM). The History Team. New Tower (“NT”) Submission Packet-FCC Form 620. January 22, 2008.
- Environmental Data Resources, (EDR) Inc., March 10, 2008, EDR NEPA Check Report, Verizon Wireless – Jefferson 3 – Picatinny Arsenal, Berkshire Road, Jefferson, NJ 07885.
- Federal Emergency Management Agency (FEMA). Flood Insurance Rate Map (FIRM) 3405220006B. July 5, 1983.
- Microsoft, 2003, Street and Trips, Redmond, Washington.
- New Jersey Department of Environmental Protection (NJDEP), GIS Data and 2002 Aerial Photography, Trenton, New Jersey.
- NJDEP. I-MapNJ DEP viewer, 2008. <http://www.state.nj.us/dep/gis/depsplash.htm>
- NJDEP Office of Natural Lands Management, Natural Heritage Program, February 11, 2008, Jefferson 3 - Picatinny, Berkshire Trail, Jefferson, Morris County, New Jersey, Rare Species Information Letter.
- New Jersey State Historic Preservation Office (SHPO). February 20, 2008, Consultation Comments for Jefferson 3, Jefferson, Morris County, New Jersey (Letter).
- U.S. Fish and Wildlife Service (USFWS). June 22, 2007, Communication Tower and Antenna Consultation in New Jersey (Letter).

APPENDIX A
USGS SITE LOCATION MAP



E2 Project Management



Colony Plaza
1220 Route 46
Parsippany, NJ 07054

Phone (973) 299-5200 Fax (973) 299-5059



NYSMSA Limited Partnership
d/b/a Verizon Wireless
141 Industrial Parkway
Branchburg, New Jersey 08876

Project: P-07-02-131

Jefferson 3 - Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson, New Jersey 07438

Figure 2 – USGS Location and Topographic Map

APPENDIX B
SITE PHOTOGRAPHS

Jefferson 3 - Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson, New Jersey 07438



Photo 1: View looking west at existing entrance to fire observation tower and site area.



Photo 2: View looking north at area of proposed equipment.

Jefferson 3 - Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson, New Jersey 07438



Photo 3: View looking east at access drive and existing propane tank.

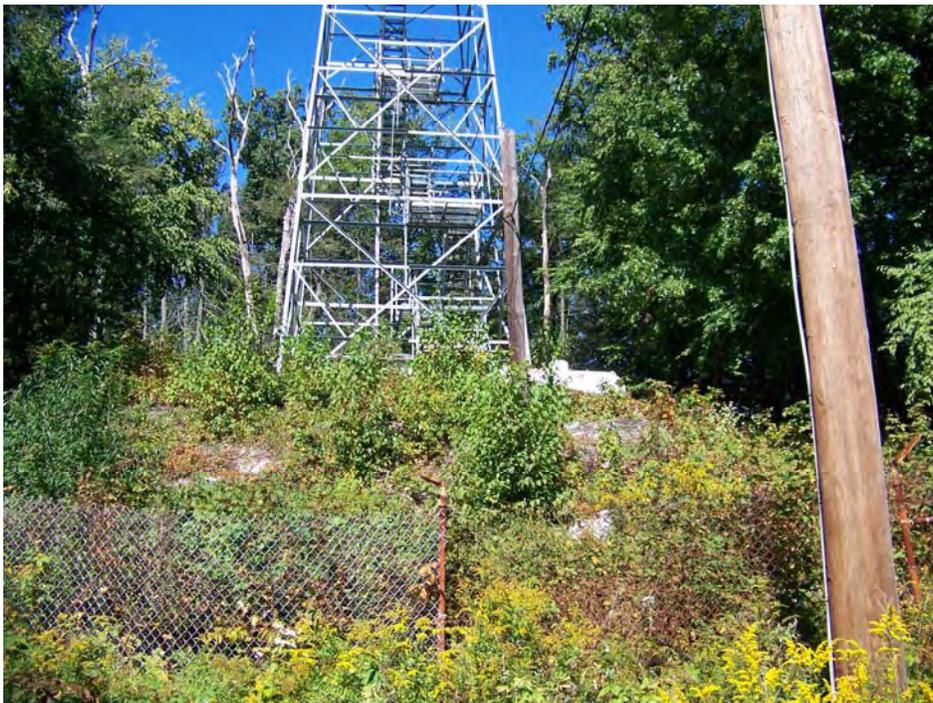


Photo 4: View looking west at fire observation tower.

Jefferson 3 - Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson, New Jersey 07438



Photo 5: View looking north along Berkshire Trail.



Photo 6: View looking west at equipment area.

Jefferson 3 - Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson, New Jersey 07438

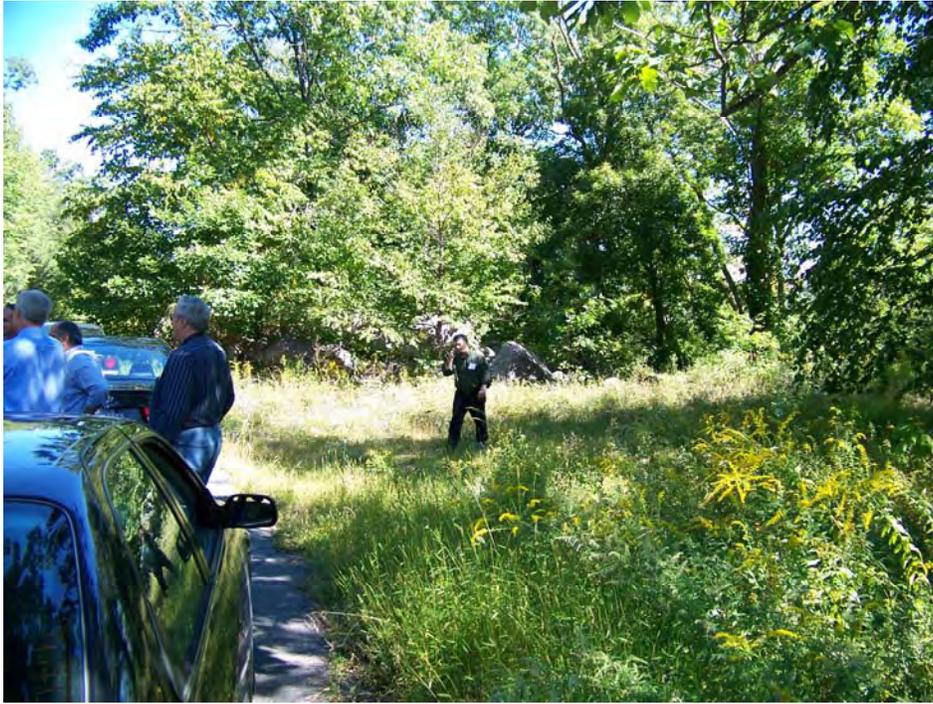
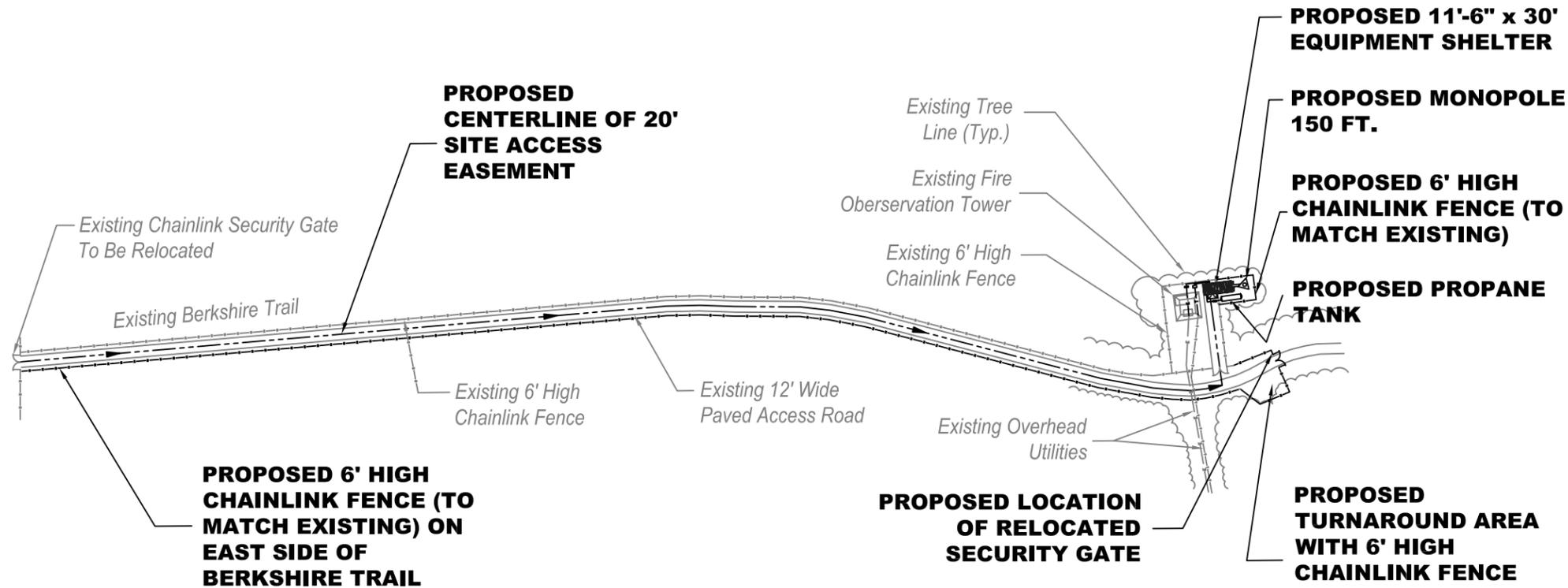


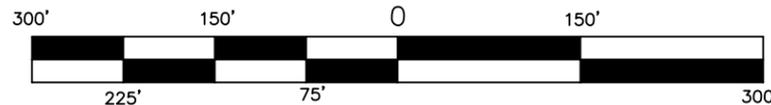
Photo 7: View looking north at proposed parking area.

APPENDIX C

E2PM SITE PLANS (NOVEMBER 20, 2007)



1 SITE PLAN
LE-1 SCALE: 1"=150'



- GENERAL NOTES:**
- EXHIBIT "A" AS SUBMITTED IS A CONCEPTUAL REPRESENTATION OF THE LEASE AGREEMENT ONLY. FINAL CONSTRUCTION DRAWINGS MAY VARY TO COMPLY WITH APPLICABLE BUILDING CODES AND ZONING APPROVALS AND WILL SUPERSEDE EXHIBIT "A".
 - TRUE NORTH DETERMINATION, GROUND (AMSL) ELEVATION AND LATITUDE AND LONGITUDE COORDINATES ARE BASED ON USGS MAP INFORMATION.
 - THE LOCATION OF LESSEE'S PROPOSED UTILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE RESPECTIVE UTILITY COMPANIES AND MAY NEED TO BE RELOCATED.
 - DO NOT SCALE THIS EXHIBIT UNLESS OTHERWISE NOTED.

- SITE INFORMATION:**
- PROPERTY OWNER/LESSOR: U.S. GOVERNMENT / PICATINNY ARSENAL DOVER, NJ 07806
 - CONTACT: MR. JACK LYONS (973)-724-5991
 - LESSEE: NEW YORK SMSA LIMITED PARTNERSHIP d/b/a VERIZON WIRELESS 141 INDUSTRIAL PARKWAY BRANCHBURG, NJ 08876
 - SITE ADDRESS: BERKSHIRE TRAIL PICATINNY ARSENAL DOVER, NEW JERSEY 07885
 - COORDINATES: LATITUDE: N 40° 57' 0.32" LONGITUDE: W 74° 34' 5.99" DATUM: NAD 83
 - GROUND ELEVATION: 108.4±' AMSL
 - DATUM: NAVD 88

INFORMATION SHOWN ON THIS DRAWING IS BASED ON LIMITED FIELD MEASUREMENTS TAKEN AND TAX MAPS.

- LEGEND:**
- Existing Conditions
 - PROPOSED CONDITIONS
 - PROPERTY LINE
 - PROPOSED ELECTRICAL ROUTING
 - PROPOSED TELEPHONE ROUTING

SCHEDULE OF REVISIONS			
REV. NO.	DATE	DESCRIPTION OF CHANGES	CHK. BY
B	10/31/07	REVISED PER COMMENTS & ISSUED AS LEASE EXHIBIT	E.R.B. J.S.
A	10/9/07	PRELIMINARY LEASE EXHIBIT	E.R.B. JS

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No 24GA28118200

E2PM PROJECT MANAGEMENT LLC
 COMPANY PLAZA
 1200 ROUTE 48 WEST, SUITE 200
 HANOVER, N.J. 07941
 PHONE: (973) 890-6000
 FAX: (973) 890-0959 www.e2pm.com

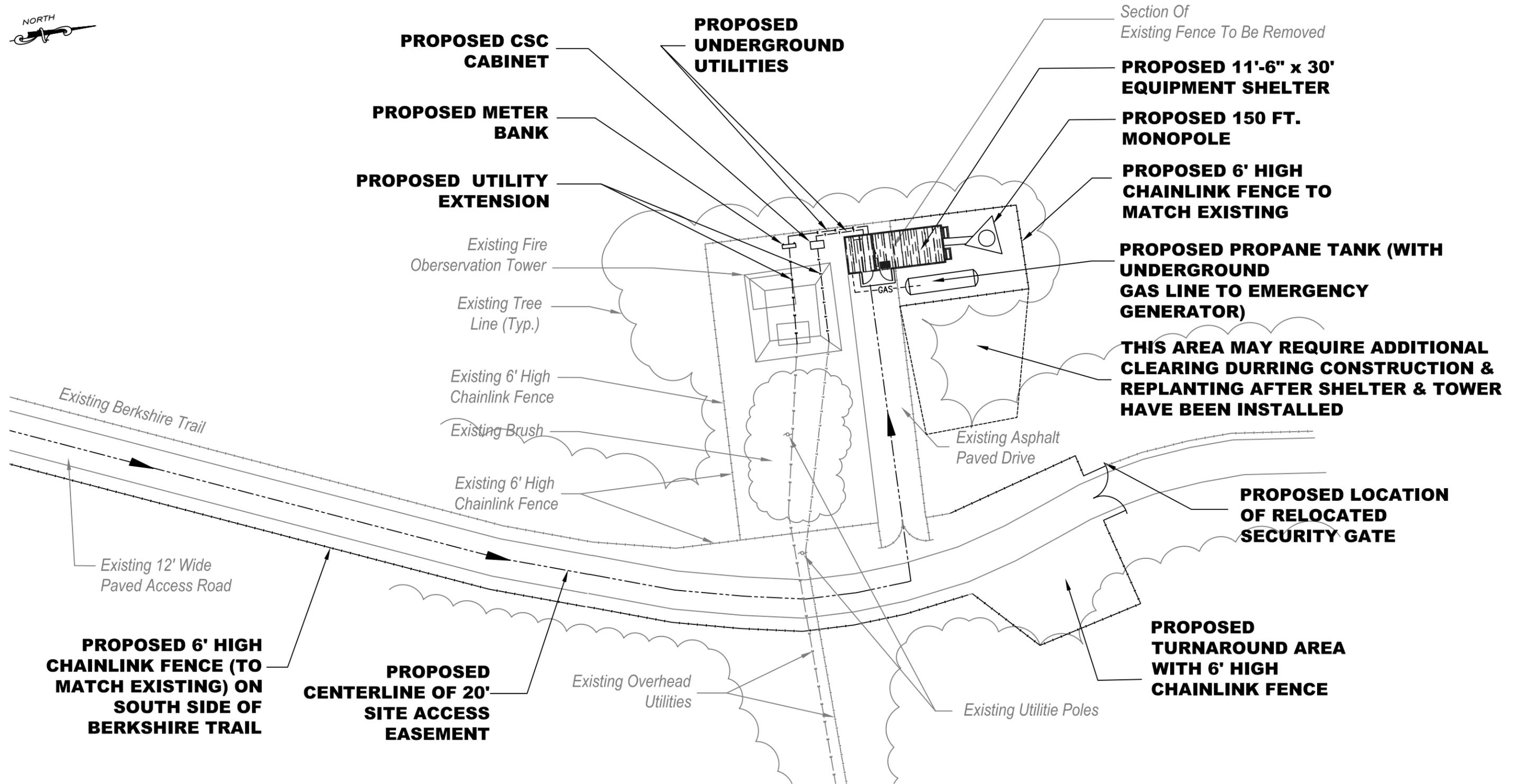
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPLICABLE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

NEW YORK SMSA
 LIMITED PARTNERSHIP
 d/b/a **verizon wireless**
 141 INDUSTRIAL PARKWAY
 BRANCHBURG, NJ 08876

SEARCH AREA NAME:
JEFFERSON 3

CANDIDATE NAME:
PICATINNY

DRAWING ISSUE STATUS CURRENTLY -		B
A- ISSUED AS A LEASE EXHIBIT		
B- (SPECIFY)		
FIRST ISSUE: 10/9/07	DRAWING NO.	LE-1
DRAWN BY: E.R.B.	CHECKED BY: JS	
SCALE: AS SHOWN	SHEET NO: 1 OF 3	
PROJECT #P-07-02-131	PRINT DATE: 10/31/07	
DOCUMENT NO.	Verizon/NEWARK 28/DWS/LEVY B	



1 PARTIAL SITE PLAN
LE-2 SCALE: 1"=30'

SCHEDULE OF REVISIONS			
NO.	DESCRIPTION OF CHANGES	CHK. BY	DATE
07	REVISD PER COMMENTS & ISSUED AS LEASE EXHIBIT	E.R.B.	J.S.
07	PRELIMINARY LEASE EXHIBIT	E.R.B.	JS
	DESCRIPTION OF CHANGES	CHK. BY	DATE

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No 24GA28118200

E2PROJECT MANAGEMENT LLC
 COLONY PLAZA
 1200 BRIDGE RD WEST, SUITE 202
 PARLIN, N.J. 07654
 PHONE: (732) 289-8200
 FAX: (732) 289-8209 www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREO APPROPRIATE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISPLAYED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

NEW YORK SMSA
 LIMITED PARTNERSHIP
 d/b/a **verizon wireless**
 141 INDUSTRIAL PARKWAY
 BRANCHBURG, NJ 08876

SEARCH AREA NAME:
 JEFFERSON 3

CANDIDATE NAME:
 PICATINNY

EXHIBIT A

FIRST ISSUE: 10/9/07
 DRAWN BY: E.R.B.
 CHECKED BY: JS

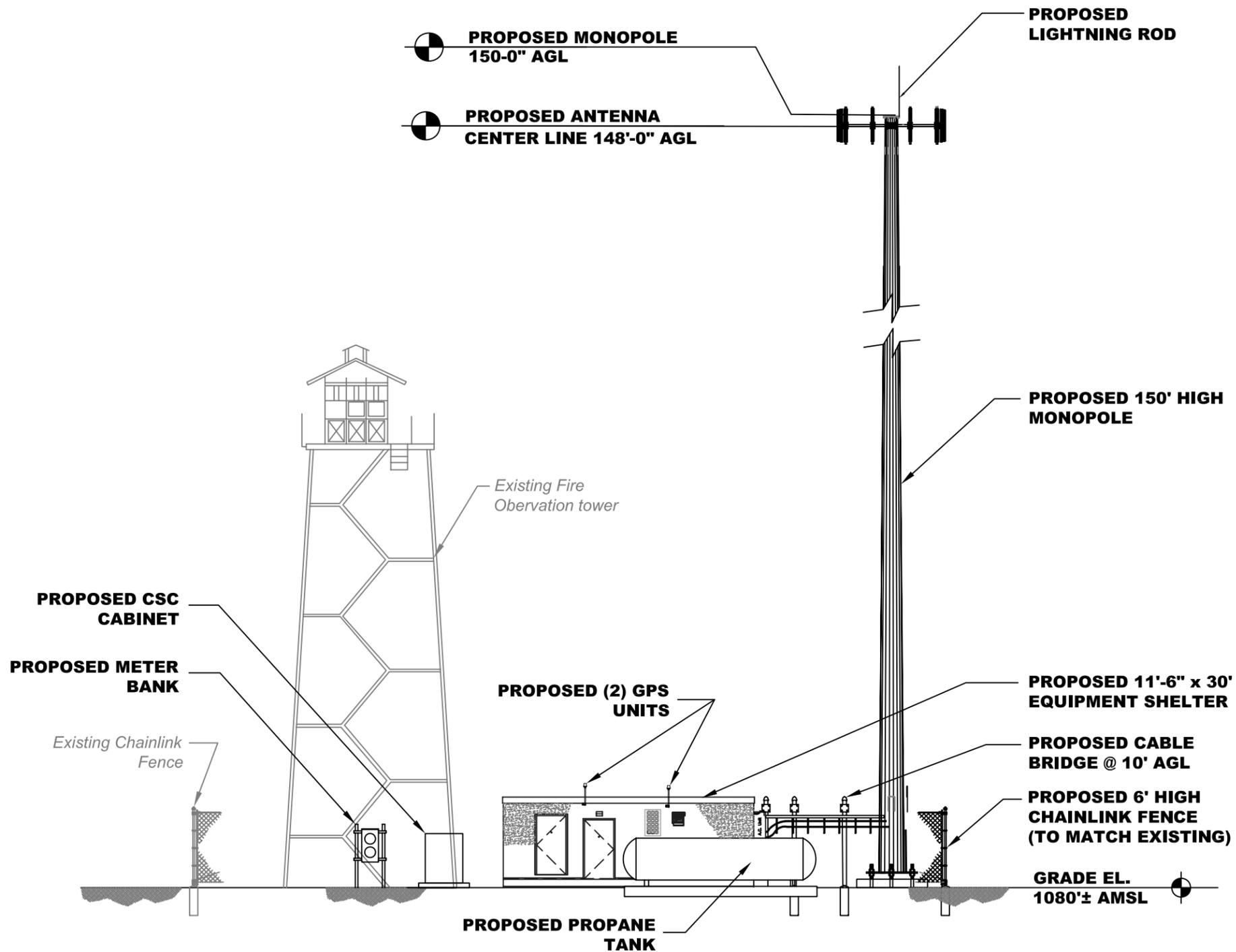
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 PROJECT #: P-07-02-30

DRAWING ISSUE STATUS CURRENTLY -
 A-ISSUED AS A LEASE EXHIBIT
 B-(SPECIFY)

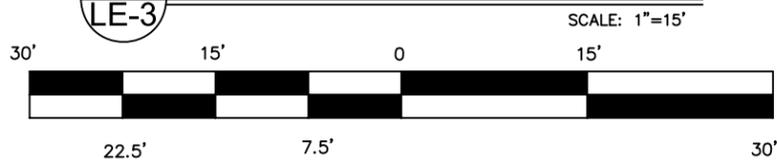
DRAWING NO.
LE-2

SHEET NO: 2 OF 3
 PRINT DATE: 10/31/07
 DOCUMENT NO. Verizon\JEFFERSON\DWG\LEV B

B



1 ELEVATION LOOKING WEST



SCHEDULE OF REVISIONS		DRWN BY	CHK BY
/07	REVISED PER COMMENTS & ISSUED AS LEASE EXHIBIT	E.R.B.	J.S.
/07	ISSUED AS LEASE EXHIBIT	E.R.B.	JS
E	DESCRIPTION OF CHANGES		

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No 24GA28118200

E2PROJECT MANAGEMENT LLC

COLONY PLAZA
1200 ROUTE 40 WEST, SUITE 202
PARLIN, N.J. 07654
PHONE: (732) 890-8200
FAX: (732) 890-0809 www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREO APPURTENANT. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISPLAYED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

NEW YORK SMSA
LIMITED PARTNERSHIP

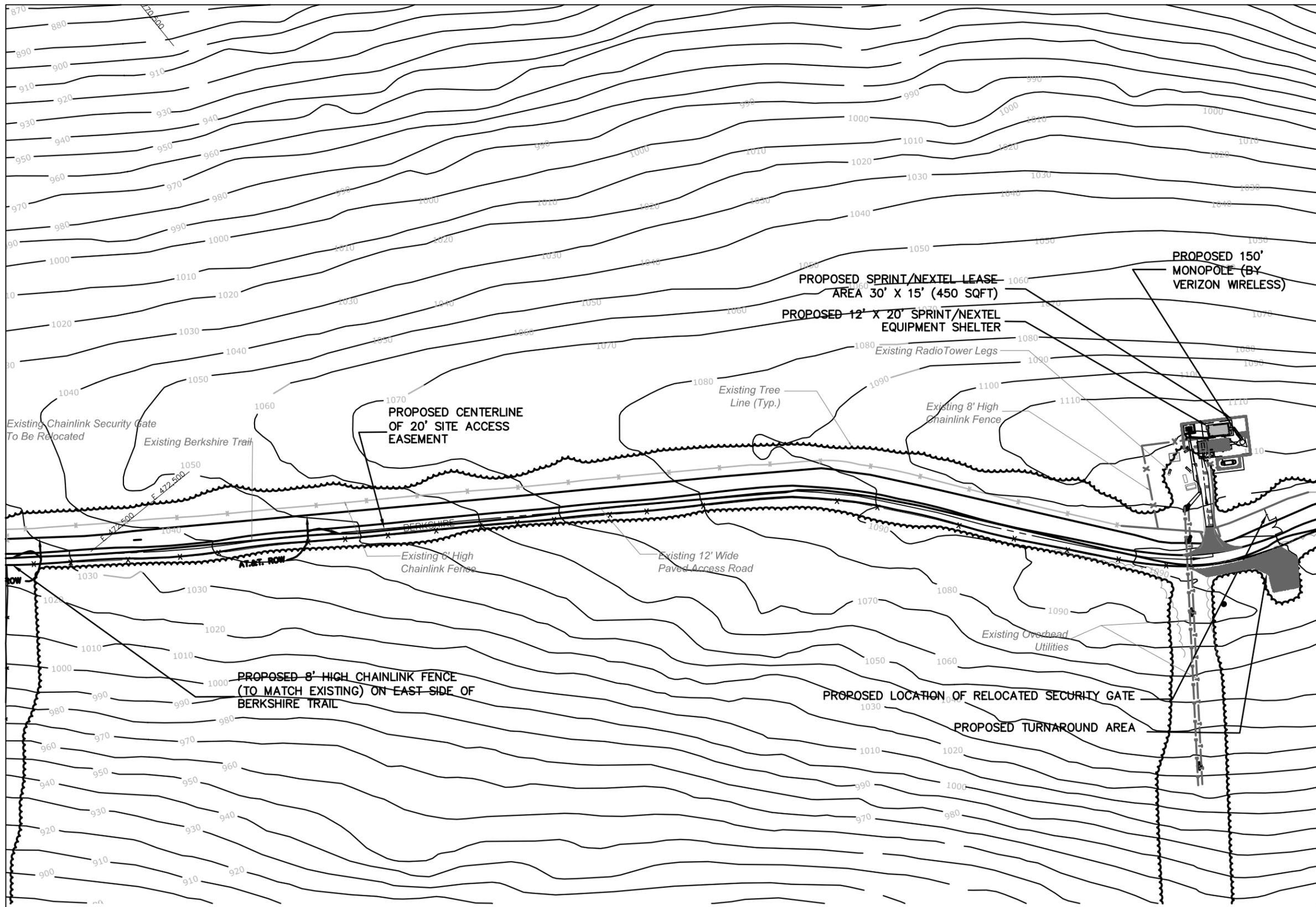
d/b/a **verizon wireless**

141 INDUSTRIAL PARKWAY
BRANCHBURG, NJ 08876

SEARCH AREA NAME:
JEFFERSON 3

CANDIDATE NAME:
PICATINNY

EXHIBIT A		DRAWING ISSUE STATUS CURRENTLY - A-ISSUED AS A LEASE EXHIBIT B-(SPECIFY)		B
FIRST ISSUE: 10/9/07	DRAWING NO. LE-3			
CHECKED BY: JS	SHEET NO: 3 OF 3			
SCALE: AS SHOWN	PRINT DATE: 10/31/07			
PROJECT #: P-07-02-30	DOCUMENT NO. Verizon\JEFFERSON 3\DWG\LE\REV B			



- GENERAL NOTES:**
- EXHIBIT "A" AS SUBMITTED IS A CONCEPTUAL REPRESENTATION OF THE LEASE AGREEMENT ONLY. FINAL CONSTRUCTION DRAWINGS MAY VARY TO COMPLY WITH APPLICABLE BUILDING CODES AND ZONING APPROVALS AND WILL SUPERSEDE EXHIBIT "A".
 - TRUE NORTH DETERMINATION, GROUND (AMSL) ELEVATION AND LATITUDE AND LONGITUDE COORDINATES ARE BASED ON USGS MAP INFORMATION.
 - THE LOCATION OF LESSEE'S PROPOSED UTILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE RESPECTIVE UTILITY COMPANIES AND MAY NEED TO BE RELOCATED.
 - DO NOT SCALE THIS EXHIBIT UNLESS OTHERWISE NOTED.
- SITE INFORMATION:**
- PROPERTY OWNER / LESSOR: U.S. GOVERNMENT/PICATINNY ARSENAL DOVER, N.J. 07806
 - CONTACT: MR. DAN GUTIERREZ (973)-724-4227
 - TOWER OWNER/LESSOR: NEW YORK SMSA LIMITED PARTNERSHIP d/b/a VERIZON WIRELESS 141 INDUSTRIAL PARKWAY BRANCHBURG, NJ 08876
 - CONTACT: GREG TALLUTTO (908) 256 7000
 - LESSEE: SPRINT TOGETHER WITH NEXTEL CROSSROADS CORPORATE CENTER ONE INTERNATIONAL BOULEVARD MAHWAH, NEW JERSEY 07495
 - SITE ADDRESS: BERKSHIRE TRAIL PICATINNY ARSENAL DOVER NEW JERSEY, 0780
 - LOT(S): NA
BLOCK: NA
ZONE: NA
COORDINATES: LATITUDE: N 40° 57' 0.32"
LONGITUDE: W 74° 34' 5.99"
DATUM: NAD 83
 - GROUND ELEVATION: 1108±' AMSL
DATUM: NAVD 88
 - INFORMATION SHOWN ON THIS DRAWING IS BASED ON LIMITED FIELD MEASUREMENTS TAKEN ON 3-14-09 BY E2 PROJECT MANAGEMENT LLC, ROCKAWAY, NEW JERSEY AND AVAILABLE ARIAL PHOTOGRAPHS.

LEGEND:

	Existing Conditions
	PROPOSED CONDITIONS
	PROPERTY LINE
	PROPOSED ELECTRICAL ROUTING
	PROPOSED TELEPHONE ROUTING

SCHEDULE OF REVISIONS	
REV. NO.	DESCRIPTION OF CHANGES
A	7/08/09 ISSUED AS LEASE EXHIBIT

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200
E 2 PROJECT MANAGEMENT LLC
 87 HIBERNIA AVENUE
 ROCKAWAY, N.J. 07866
 PHONE: (973) 299-5200
 FAX: (973) 299-5059
 www.E2PM.com

E2PM

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPLICABLE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

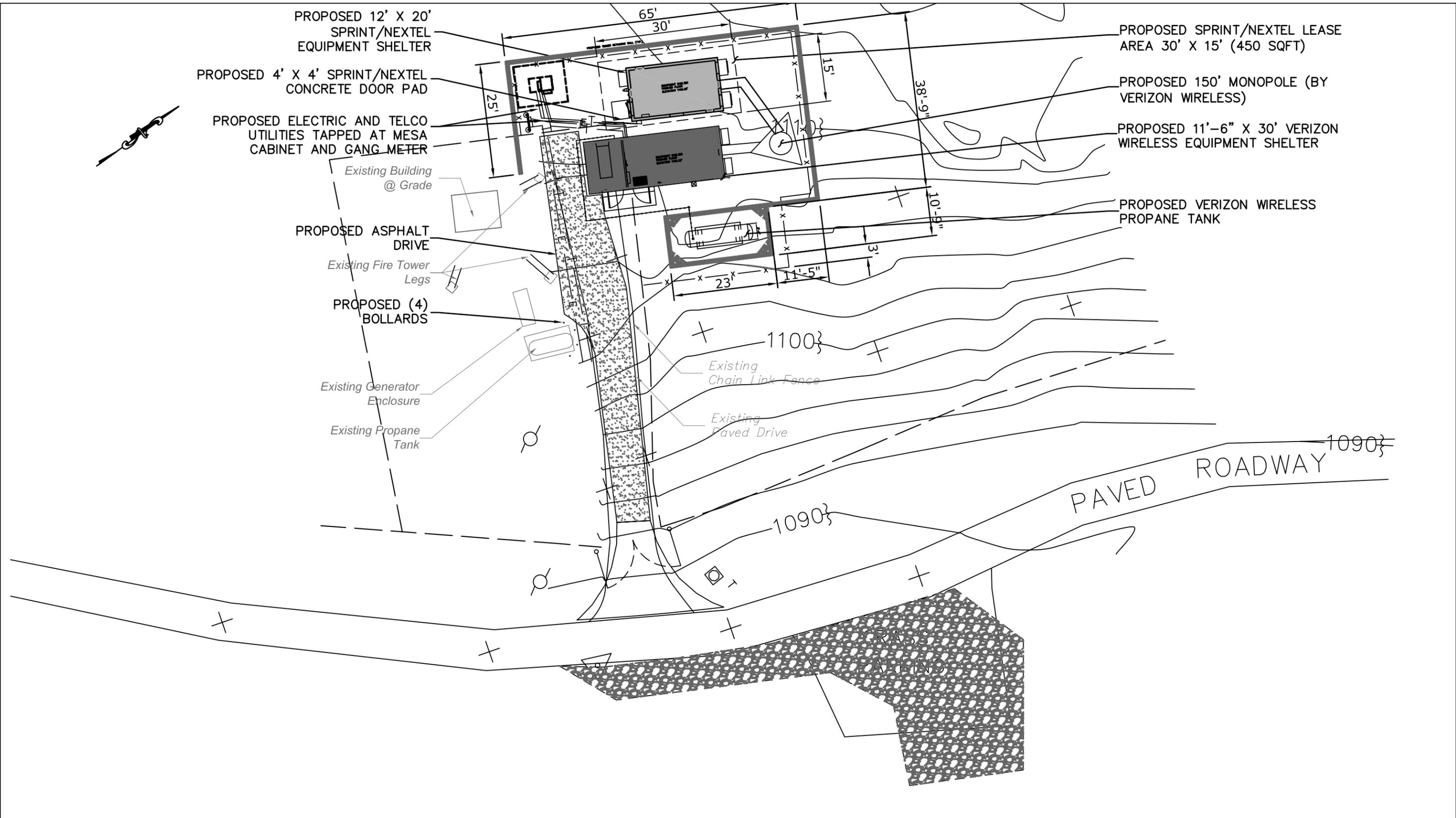
Sprint

Together with NEXTEL
 ONE INTERNATIONAL BLVD.,
 SUITE 800 MAHWAH, NJ 07495

WIRELESS COMMUNICATIONS FACILITY

EXHIBIT A

SEARCH AREA NAME: NJ455V-B PICATINNY ARSENAL	FIRST ISSUE: 7/8/09 DRAWN BY: JAM CHECKED BY: JS	DRAWING NO. LE-1
CANDIDATE NAME: PICATINNY ARSENAL	SCALE: 1"=50' PROJECT #P-09-39-001	SHEET NO: 1 OF 3 PRINT DATE: 7/8/09
DRAWING ISSUE STATUS CURRENTLY - A-ISSUED AS A LEASE EXHIBIT B-(SPECIFY)		A
DOCUMENT NO. picatiny_arsenal\NEW SITE\drawing\LE		



SCHEDULE OF REVISIONS	
REV. NO.	DESCRIPTION OF CHANGES
A	7/8/09 ISSUED AS LEASE EXHIBIT

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200
E 2 PROJECT MANAGEMENT LLC
 87 HIBERNIA AVENUE
 ROCKAWAY, N.J. 07866
 PHONE: (973) 299-5200
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Sprint 

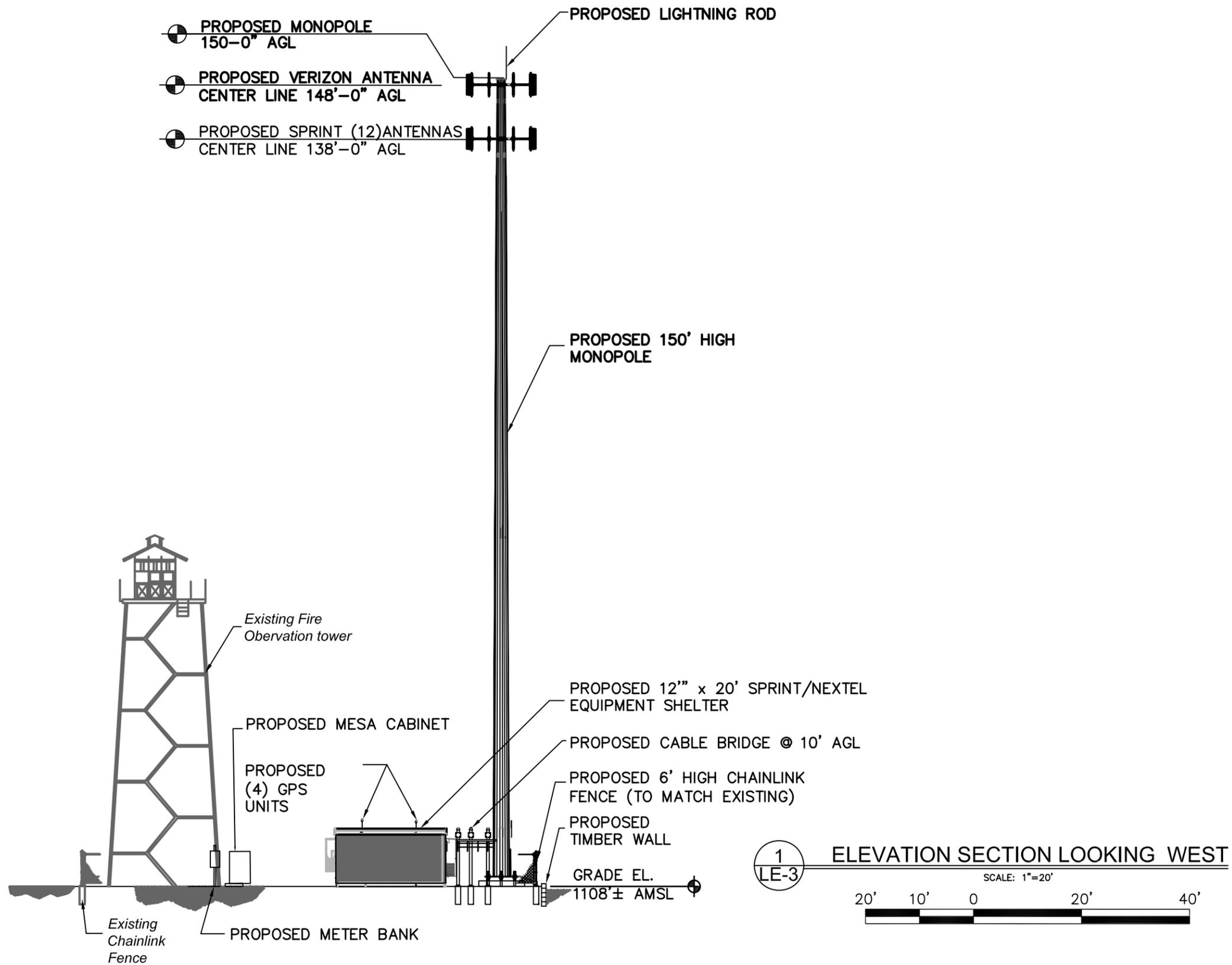
Together with NEXTEL

ONE INTERNATIONAL BLVD.,
 SUITE 800 MAHWAH, NJ 07495

WIRELESS COMMUNICATIONS FACILITY

EXHIBIT A

SEARCH AREA NAME: NJ455V-B PICATINNY ARSENAL	FIRST ISSUE: 7/8/09 DRAWN BY: JAM CHECKED BY: JS	DRAWING NO. LE-2	DRAWING ISSUE STATUS CURRENTLY - A-ISSUED AS A LEASE EXHIBIT B-(SPECIFY) _____ A
CANDIDATE NAME: PICATINNY ARSENAL	SCALE: 1"=20'	SHEET NO: 2 OF 3	PROJECT #P-07-02-132 PRINT DATE: 7/8/09
DOCUMENT NO. picatiny_arsenal\NEW SITE\drawing\LE			



1
LE-3

ELEVATION SECTION LOOKING WEST

SCALE: 1"=20'

20' 10' 0 20' 40'

SCHEDULE OF REVISIONS	
REV. NO.	DESCRIPTION OF CHANGES
A	7/08/09 ISSUED AS LEASE EXHIBIT

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
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PHONE: (973) 299-5200
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www.E2PM.com

E2PM

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ONE INTERNATIONAL BLVD.,
SUITE 800 MAHWAH, NJ 07495

WIRELESS COMMUNICATIONS FACILITY

EXHIBIT A

DRAWING ISSUE STATUS CURRENTLY - A-ISSUED AS A LEASE EXHIBIT B-(SPECIFY)		A
SEARCH AREA NAME: NJ455V-B PICATINNY ARSENAL	FIRST ISSUE: 7/8/09 DRAWN BY: JAM CHECKED BY: JS	DRAWING NO. LE-3
CANDIDATE NAME: PICATINNY ARSENAL	SCALE: 1"=20'	SHEET NO: 3 OF 3
DOCUMENT NO.	PROJECT #P-09-39-001 PRINT DATE: 7/8/09	

APPENDIX D

**PHOTO SIMULATIONS OF BALLOON TEST
(JULY 1, 2009)**

Jefferson 3 - Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson, New Jersey 07438



Photo 1: View looking at site area from Reilly Road at Building #354.



Photo 2: View looking at tower from Reilly Road at Building #354.

Jefferson 3 - Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson, New Jersey 07438



Photo 3: View looking at site area from Picatinny Peak at the Observation Tower.



Photo 4: View looking at tower from Picatinny Peak at the Observation Tower.

Jefferson 3 - Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson, New Jersey 07438



Photo 5: View looking at site from Farley Avenue at Larned Terrace.



Photo 6: View looking at tower from Farley Avenue at Larned Terrace.

Jefferson 3 - Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson, New Jersey 07438



Photo 7: View looking site from the intersection of Berkshire Valley Road and Taylor Road.



Photo 8: View looking tower from the intersection of Berkshire Valley Road and Taylor Road.

APPENDIX E

TOWAIR DETERMINATION (MARCH 24, 2008)

TOWAIR Determination Results

A routine check of the coordinates, heights, and structure type you provided indicates that this structure does not require registration.

*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

PASS SLOPE(25:1): NO FAA REQ-HELIPORT 3375.65 MTRS (3.37570 KM) AWAY

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
HELI	C	40-57-28.00N	074-31-41.00W	PICATINNY AHP	MORRIS DOVER, NJ	266.7	149.40000000000001

Your Specifications

NAD83 Coordinates

Latitude 40-57-01.0 north
Longitude 074-34-07.5 west

Measurements (Meters)

Overall Structure Height (AGL) 45.7
Support Structure Height (AGL) 45.7
Site Elevation (AMSL) 338.3

Structure Type

TOWER - Free standing or Guyed Structure used for Communications Purposes

[Tower Construction Notification](#)

Notify Tribes and Historic Preservation Officers of your plans to build a tower.
Note: Notification does NOT replace [Section 106 Consultation](#).

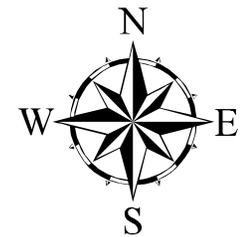
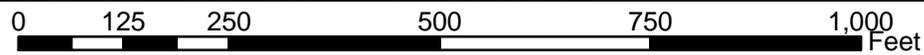
[CLOSE WINDOW](#)

APPENDIX F
FLOOD MAPPING

Flood Zone Map

Legend

 An area of undetermined but possible flood hazards.



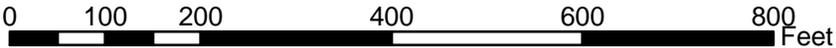
APPENDIX G
NJDEP WETLANDS MAP

Wetlands Map



New Jersey Mapped Wetlands

- PFO1B
- PFO1E



APPENDIX H

NATURAL HERITAGE AND USFWS CORRESPONDENCES



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Division of Parks and Forestry
Office of Natural Lands Management
Natural Heritage Program
P.O. Box 404
Trenton, NJ 08625-0404
Tel. #609-984-1339
Fax. #609-984-1427

LISA P. JACKSON
Commissioner

JON S. CORZINE
Governor

February 19, 2008

Teresa T. Blasdell
E2 Project Management, LLC
1220 Route 46 West, Suite 222
Parsippany, NJ 07054

Re: Verizon - Jefferson 3

Dear Ms. Blasdell:

Thank you for your data request regarding rare species information for the above referenced project site in Jefferson Township, Morris County.

Searches of the Natural Heritage Database and the Landscape Project (Version 2) are based on a representation of the boundaries of your project site in our Geographic Information System (GIS). We make every effort to accurately transfer your project bounds from the topographic map(s) submitted with the Request for Data into our Geographic Information System. We do not typically verify that your project bounds are accurate, or check them against other sources.

We have checked the Natural Heritage Database and the Landscape Project habitat mapping for occurrences of any rare wildlife species or wildlife habitat on the referenced site. Please see Table 1 for species list and conservation status.

Table 1 (on referenced site).

Common Name	Scientific Name	Federal Status	State Status	Grank	Strank
Allegheny woodrat	<i>Neotoma magister</i>		E	G3G4	S1
barred owl	<i>Strix varia</i>		T/T	G5	S2B,S2N
black-throated green warbler	<i>Dendroica virens</i>		S/S	G5	S3B
bobcat	<i>Lynx rufus</i>		E	G5	S1
broad-winged hawk	<i>Buteo platypterus</i>		SC/RP	G5	S3B
Canada warbler	<i>Wilsonia canadensis</i>		S/S	G5	S3B
cerulean warbler	<i>Dendroica cerulea</i>		S/S	G4	S3B,S3N
Cooper's hawk	<i>Accipiter cooperii</i>		T/S	G5	S2B,S4N
eastern box turtle	<i>Terrapene carolina carolina</i>		SC	G5T5	S3
golden-winged warbler	<i>Vermivora chrysoptera</i>		SC/SC	G4	S3B,S3N
great blue heron	<i>Ardea herodias</i>		SC/S	G5	S3B,S4N
Indiana bat	<i>Myotis sodalis</i>	LE	E	G2	S1
least flycatcher	<i>Empidonax minimus</i>		SS	G5	S3B
longtail salamander	<i>Eurycea longicauda longicauda</i>		T	G5T5	S2
marbled salamander	<i>Ambystoma opacum</i>		D	G5	S3
northern copperhead	<i>Agkistrodon contortrix contortrix</i>		SC	G5T5	S3
northern goshawk	<i>Accipiter gentilis</i>		E/SC	G5	S1B,S3N
northern spring salamander	<i>Gyrinophilus p. porphyriticus</i>		D	G5T5	S3
red-headed woodpecker	<i>Melanerpes erythrocephalus</i>		T/T	G5	S2B,S2N
red-shouldered hawk	<i>Buteo lineatus</i>		E/T	G5	S1B,S2N
sharp-shinned hawk	<i>Accipiter striatus</i>		SC	G5	S3B,S3N
solitary vireo (blue-headed vireo)	<i>Vireo solitarius</i>		S/S	G5	S3B
timber rattlesnake	<i>Crotalus horridus horridus</i>		E	G4T4	S1
veery	<i>Catharus fuscescens</i>		S/S	G5	S3B

We have also checked the Natural Heritage Database and the Landscape Project habitat mapping for occurrences of any rare wildlife species or wildlife habitat within 1/4 mile of the referenced site. Please see Table 2 for species list and conservation status. This table excludes any species listed in Table 1.

Table 2 (additional species within 1/4 mile of referenced site).

Common Name	Scientific Name	Federal Status	State Status	Grank	Srank
wood turtle	<i>Glyptemys insculpta</i>		T	G4	S2

We have also checked the Natural Heritage Database for occurrences of rare plant species or ecological communities. The Natural Heritage Database does not have any records for rare plants or ecological communities on or within 1/4 mile of the site.

Attached is a list of rare species and ecological communities that have been documented from Morris County. If suitable habitat is present at the project site, these species have potential to be present.

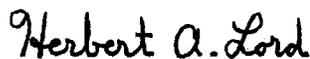
Status and rank codes used in the tables and lists are defined in the attached EXPLANATION OF CODES USED IN NATURAL HERITAGE REPORTS.

If you have questions concerning the wildlife records or wildlife species mentioned in this response, we recommend that you visit the interactive I-Map-NJ website at the following URL, <http://www.state.nj.us/dep/gis/depsplash.htm> or contact the Division of Fish and Wildlife, Endangered and Nongame Species Program at (609) 292 9400.

PLEASE SEE THE ATTACHED 'CAUTIONS AND RESTRICTIONS ON NHP DATA'.

Thank you for consulting the Natural Heritage Program. The attached invoice details the payment due for processing this data request. Feel free to contact us again regarding any future data requests.

Sincerely,



Herbert A. Lord
Data Request Specialist

cc: Robert J. Cartica
NHP File No. 08-4007485



United States Department of the Interior

FISH AND WILDLIFE SERVICE

New Jersey Field Office
Ecological Service
927 North Main Street, Building D
Pleasantville, New Jersey 08232
Tel: 609-646-9310
Fax: 609-646-0352

<http://www.fws.gov/northeast/njfieldoffice>



JUN 22 2007

The U.S. Fish and Wildlife Service (Service) is unable to respond to your recent request for review pursuant to the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) (ESA) of one or more proposed wireless communication towers or antennas. The proposed project(s) appear(s) to meet the criteria for a categorical determination of "not likely to adversely affect" as listed on the document *Communication Tower and Antenna Consultation in New Jersey* (attached and available on our web site at <http://www.fws.gov/northeast/njfieldoffice/Endangered/>). Staffing constraints currently limit the Service's New Jersey Field Office to providing individual consultation for those wireless communication projects that do not meet the criteria listed in this document.

If you wish to resubmit your request, please indicate which criteria are not met and, based upon the pre-screening procedures on our web site, which federally listed species may be affected by the proposed project. To expedite your review, please provide all relevant information listed on our web site. For projects in the northern counties of Bergen, Essex, Hudson, Hunterdon, Mercer, Middlesex, Morris, Passaic, Somerset, Sussex, Union, and Warren (*i.e.*, range of the Indiana bat [*Myotis sodalis*]), please indicate whether or not tree clearing is proposed, and, if so, describe the species, size (diameter at breast height), and number (or acres) of trees proposed for removal.

Please also refer to our web site for current lists of federally listed and candidate species in New Jersey, as well as contacts for obtaining current information regarding State-listed and other species of concern from the New Jersey Natural Heritage and Endangered and Nongame Species Programs.



Reviewing Biologist



Assistant Supervisor

COMMUNICATION TOWER AND ANTENNA CONSULTATION IN NEW JERSEY

The U.S. Fish and Wildlife Service's (Service) New Jersey Field Office recognizes that individual project review by the Service is not required under certain conditions. The Service provides the following comments in accordance with provisions of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*), the Migratory Bird Treaty Act of 1940 (MBTA) (40 Stat. 755; 16 U.S.C. 703-712), the Bald and Golden Eagle Protection Act of 1940 (16 U.S.C. 668-688d), and the National Environmental Policy Act of 1969 (83 Stat. 852; 42 U.S.C. 4321 *et seq.*).

Migratory birds are a federal trust resource and are protected under the MBTA. Communication towers may pose a hazard to migrating birds and to birds nesting in the area. Risk factors include tower height, physical design, lighting, and site location relative to migratory corridors and bird concentration areas. In addition, certain communication towers may adversely affect federally listed threatened and endangered species through direct disturbance of listed plants and animals, impacts to their habitats, and/or creation of a collision hazard for listed birds and bats.

The Service has determined that the following proposed actions are not likely to adversely affect federally listed species in New Jersey, nor have any significant impacts on migratory birds or other federal trust wildlife resources:

- routine maintenance (*e.g.*, painting, antenna replacement) at existing tower sites or other existing tower support structures;
- repair or replacement of existing towers and/or equipment;
- collocation of new equipment or antennas on an existing structure (*e.g.*, tower, water tank, flagpole, building); and
- construction of new towers without lights or guy wires, under 200 feet in height

PROVIDED that:

- (1) all ground disturbance is limited to previously developed or disturbed areas and at least 150 feet from any wetland, open water, beach, or dune;
- (2) any net gain in impervious surface is under 0.25 acre;
- (3) proposed activities will not require the addition of lights or guy wires to an existing structure, or increase the height of an existing structure above 199 feet;
- (4) the project is consistent with the Service's National Bald Eagle Management Guidelines (<http://www.fws.gov/migratorybirds/issues/BaldEagle/NationalBaldEagleManagementGuidelines.pdf>)
- (5) in the northern counties [Bergen, Essex, Hudson, Hunterdon, Mercer, Middlesex, Morris, Passaic, Somerset, Sussex, Union, and Warren], any incidental tree clearing is under 0.25 acre (including for access roads) and trees over 6 inches diameter at breast height will be cut between October 1 and March 31.

For projects that meet the above criteria, there is no need to contact this office for project review. This document may be used as the Service's concurrence with an ESA determination of "not likely to adversely affect" for federally listed species in New Jersey regarding projects that meet the above criteria.

June 2007

APPENDIX I

EDR NEPACHECK REPORT (MARCH 10, 2008)

Picatinny - Berkshire Trail

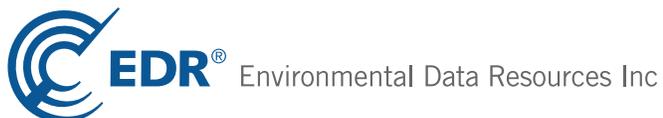
Berkshire Trail

Wharton, NJ 07885

Inquiry Number: 2693107.1s

February 05, 2010

EDR NEPACheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR NEPACheck® DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

Section	Regulation
Natural Areas Map	
• Federal Lands Data:	
- Officially designated wilderness areas	47 CFR 1.1307(1)
- Officially designated wildlife preserves, sanctuaries and refuges	47 CFR 1.1307(2)
- Wild and scenic rivers	40 CFR 6.302(e)
- Fish and Wildlife	40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	47 CFR 1.1307(3); 40 CFR 6.302
Historic Sites Map	
• National Register of Historic Places	47 CFR 1.1307(4); 40 CFR 6.302
• State Historic Places (where available)	
• Indian Reservations	
Flood Plain Map	
• National Flood Plain Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302
Wetlands Map	
• National Wetlands Inventory Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302
FCC & FAA Map	
• FCC antenna/tower sites, AM Radio Towers, FAA Markings and Obstructions, AM Radio Interference Zones, Airports, Topographic gradient	47 CFR 1.1307(8)
Key Contacts and Government Records Searched	

MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 35 of this report.

TARGET PROPERTY ADDRESS

PICATINNY - BERKSHIRE TRAIL
 BERKSHIRE TRAIL
 WHARTON, NJ 07885

Inquiry #: 2693107.1s
 Date: 2/5/10

TARGET PROPERTY COORDINATES

Latitude (North): 40.950100 - 40° 57' 0.4"
 Longitude (West): 74.568298 - 74° 34' 5.9"
 Universal Tranverse Mercator: Zone 18
 UTM X (Meters): 536335.0
 UTM Y (Meters): 4533095.5
 State Plane X (Feet): 473259.6
 State Plane Y (Feet): 771024.7

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
---	----------	-------------------------	---------------	-----------------

NATURAL AREAS MAP

1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	YES	YES
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	YES	YES
1.1307a (3) Threatened or Endangered Species or Critical Habitat	NJ Priority Sites	1.00	YES	YES
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A

HISTORIC SITES MAP

1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	NJ Historic Sites	1.00	NO	NO
	Indian Reservation	1.00	NO	NO
	APPAL_TRAIL	1.00	NO	NO

FLOODPLAIN MAP

1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	NO
-------------------------------------	------------	------	-----	----

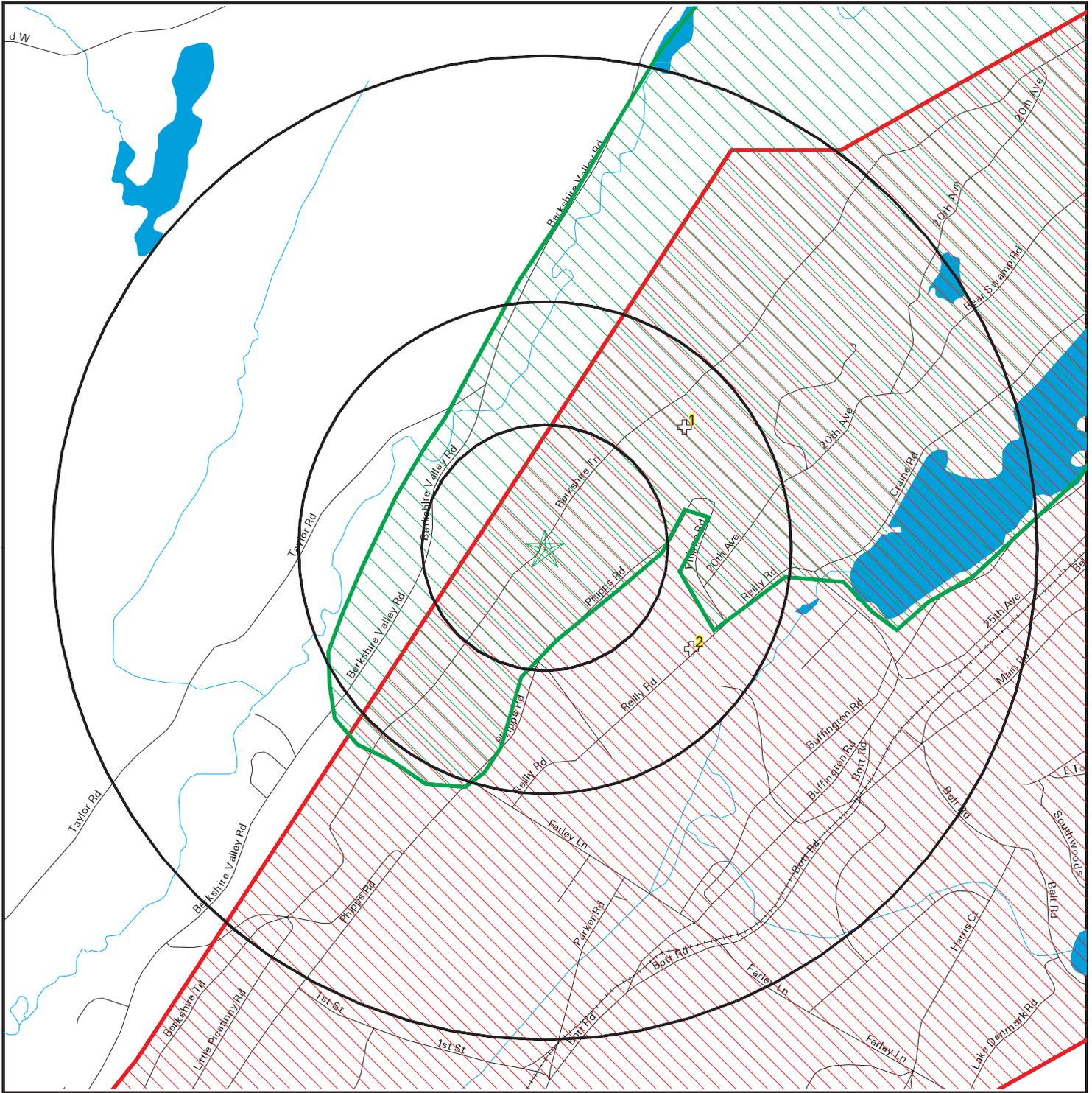
WETLANDS MAP

1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	NO
	NJ COASTAL ZONE	20.00	NO	NO

FCC & FAA SITES MAP

FCC Cellular	1.00	NO	NO
FCC Antenna	1.00	NO	NO
FCC Tower	1.00	YES	NO
FCC AM Tower	1.00	NO	NO
FAA DOF	1.00	NO	NO
Airports	1.00	NO	---
Power Lines	1.00	NO	---

Natural Areas Map



- ★ Target Property
- ⊕ Locations
- ⚡ Roads
- ▨ Federal Areas
- ⚡ County Boundary
- ⚡ Federal Linear Features
- ⚡ Waterways
- ▨ State Areas
- Water
- ⚡ State Linear Features



SITE NAME: Picatinny - Berkshire Trail
ADDRESS: Berkshire Trail
 Wharton NJ 07885
LAT/LONG: 40.9501 / 74.5683

CLIENT: E2 Project Management
CONTACT: Kristin Tallamy
INQUIRY #: 2693107.1s
DATE: February 5, 2010

NATURAL AREAS MAP FINDINGS

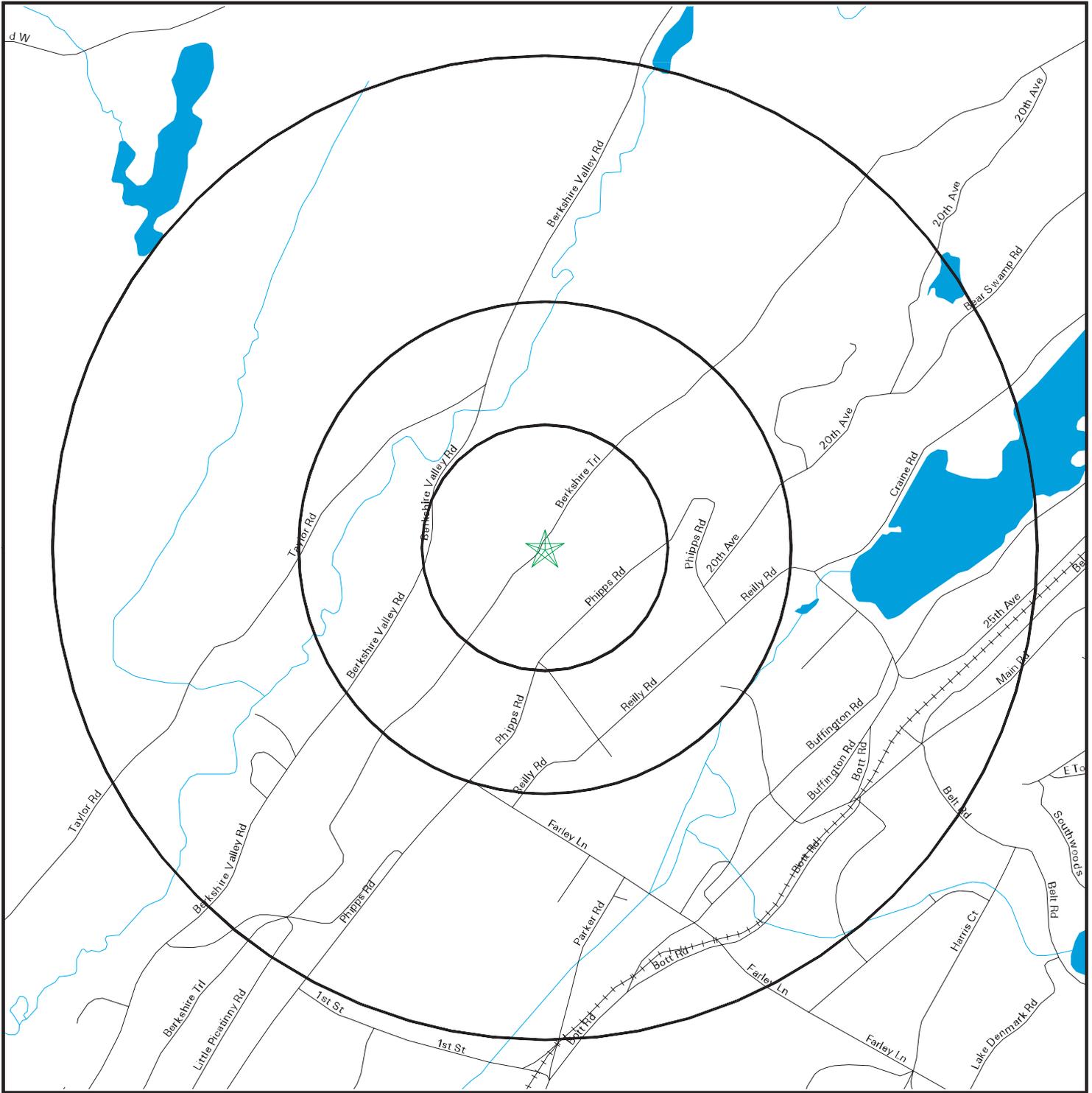
Endangered Species Listed for: MORRIS County, NJ.

Source: EPA Endangered Species Protection Program Database

BIRD: EAGLE, BALD
 MAMMAL: BAT, INDIANA
 PLANT: PINK, SWAMP
 REPTILE: TURTLE, BOG (NORTHERN POPULATION)

Map ID	Direction	Distance	Distance (ft.)	EDR ID Database
1	North	0-1/8 mi	0	NJES000338 NJ Priority Sites
	Site code:	S.USNJHP1*63		
	Site name:	Green Pond Mountain Macrosite		
	County:	Morris		
	Quadname:	Dover ; Newfoundland ; Franklin ; Boonton		
	Municipality:	Rockaway Twp ; Jefferson Twp		
	Description:	A large landscape patch of forests, lakes, and streams. Much of the land is within Picatinny Arsenal.		
	Boundjust:	Boundaries drawn to include the large contiguous forested patches used by State Endangered and Threatened birds of prey, as well as State listed endangered plant species. In addition, the Macrosite encloses two large lakes which provide habitat for a num		
	Biodiversity Rank:	Moderate significance		
	Comments:	Contains habitat for a concentration of State Endangered and Threatened plant and vertebrate species, and several rare invertebrate species.		
2	North	0-1/8 mi	0	CUSA124480 US Federal Lands
	Feature1:	Army DOD		
	Feature2:	Not Reported		
	Feature3:	Not Reported		
	Agbur:	Department of Defense.		
	Url:	Not Reported		
	Name1:	Picatinny Arsenal		
	Name2:	Not Reported		
	Name3:	Not Reported		
	State:	NJ		
	State fips:	34		

Historic Sites Map



- ★ Target Property
- Streets
- County Boundary
- Waterways
- Water

- ◆ Historic Sites
- ▨ Federal Historic Areas
- ▨ State Historic Areas
- ▨ US Indian Reservations
- ▲ Scenic Trail



SITE NAME: Picatinny - Berkshire Trail
 ADDRESS: Berkshire Trail
 Wharton NJ 07885
 LAT/LONG: 40.9501 / 74.5683

CLIENT: E2 Project Management
 CONTACT: Kristin Tallamy
 INQUIRY #: 2693107.1s
 DATE: February 5, 2010

HISTORIC SITES MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

Name: (ID#2128) Devil's Punch Bowl Archaeological Site
City: Jefferson Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 12/12/1979
Cnty city: Not Reported
Edr id: NJ2008000004473

Unmappable
NJ2008000004473
NJ Historic Sites

Name: (ID#2129) Alfred T. Ringling Manor and R.T. Richards Circus Winter
Headquarters
Extends from the North Dam around Manor Drive and across Berkshire
Valley Road
City: Jefferson Township
County: Morris County
Date1: 6/3/1976
Date2: 76001177
Date3: 1/5/1976
Date4: Not Reported
Cnty city: Not Reported
Edr id: NJ2008000004479

Unmappable
NJ2008000004479
NJ Historic Sites

Name: (ID#2130) Talmadge Archeological and Historical Complex
Berkshir Valley Road
City: Jefferson Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 12/12/1979
Cnty city: Not Reported
Edr id: NJ2008000004480

Unmappable
NJ2008000004480
NJ Historic Sites

Unmappable
NJ2008000004481
NJ Historic Sites

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

Name: (ID#2131) Upper Longwood Forge Historic District

Berkshire Valley Road
City: Jefferson Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 12/12/1979
Cnty city: Not Reported
Edr id: NJ2008000004481

Unmappable
NJ2008000004482
NJ Historic Sites

Name: (ID#2132) Weldon Mine

Berkshire Valley Road and Weldon Road
City: Jefferson Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 3/6/1989
Cnty city: Not Reported
Edr id: NJ2008000004482

Unmappable
NJ2008000003505
NJ Historic Sites

Name: (ID#2238) Colonel Joseph Jackson House (Rockaway Public Library)

82 East Main Street
City: Rockaway Borough
County: Morris County
Date1: 3/4/1975
Date2: 75001155
Date3: 11/19/1974
Date4: Not Reported
Cnty city: Not Reported
Edr id: NJ2008000003505

Unmappable
NJ2008000003507
NJ Historic Sites

Name: (ID#2239) Ford-Faesch Manor House

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

City: Mount Hope Road
County: Rockaway Township
Date1: Morris County
Date2: 2/12/1974
Date3: 74001184
Date4: 11/20/1973
Cnty city: Not Reported
Edr id: Not Reported
NJ2008000003507

Unmappable
NJ2008000003509
NJ Historic Sites

Name: (ID#2240) Hibernia Methodist Episcopal Church

City: Green Pond Road
County: Rockaway Township
Date1: Morris County
Date2: Not Reported
Date3: Not Reported
Date4: Not Reported
Cnty city: 12/15/1980
Edr id: Not Reported
NJ2008000003509

Unmappable
NJ2008000003511
NJ Historic Sites

Name: (ID#2241) Lake Denmark Road Historic Homestead Site
City: Rockaway Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 7/13/1995
Cnty city: Not Reported
Edr id: Not Reported
NJ2008000003511

Unmappable
NJ2008000003517
NJ Historic Sites

Name: (ID#2244) Picatinny Arsenal Administration and Research District

City: Buffington Road, Joyces Lane, Parker Road
Rockaway Township

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 7/2/1999
Cnty city: Not Reported
Edr id: NJ2008000003517

Name: (ID#2245) Ground Bee Rockshelter Archaeological Site (28-Mr-220)
City: Rockaway Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 3/6/1989
Cnty city: Not Reported
Edr id: NJ2008000003508

Unmappable
NJ2008000003508
NJ Historic Sites

Name: (ID#2246) Split Rock Furnace
City: At the base of Split Rock Reservoir
County: Rockaway Township
Date1: Morris County
Date2: 11/6/1974
Date3: 74001182
Date4: 7/1/1974
Cnty city: Not Reported
Edr id: Not Reported
NJ2008000003522

Unmappable
NJ2008000003522
NJ Historic Sites

Name: (ID#2252) Picatinny Arsenal Stable (Building 3316)
City: Main Road
County: Rockaway Township
Date1: Morris County
Date2: Not Reported
Date3: Not Reported

Unmappable
NJ2008000003519
NJ Historic Sites

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

Date3: Not Reported
Date4: 7/2/1999
Cnty city: Not Reported
Edr id: NJ2008000003519

Unmappable
NJ2008000003506
NJ Historic Sites

Name: (ID#2784) Morris Canal

Existing and former bed of the Morris Canal
City: Rockaway Borough
County: Morris County
Date1: 10/1/1974
Date2: 74002228
Date3: 11/26/1973
Date4: 4/27/2004
Cnty city: Warren County, Phillipsburg Town
Edr id: NJ2008000003506

Unmappable
NJ2008000004475
NJ Historic Sites

Name: (ID#2784) Morris Canal

Existing and former bed of the Morris Canal
City: Jefferson Township
County: Morris County
Date1: 10/1/1974
Date2: 74002228
Date3: 11/26/1973
Date4: 4/27/2004
Cnty city: Warren County, Phillipsburg Town
Edr id: NJ2008000004475

Unmappable
NJ2008000003720
NJ Historic Sites

Name: (ID#2784) Morris Canal

Existing and former bed of the Morris Canal
City: Wharton Borough
County: Morris County
Date1: 10/1/1974
Date2: 74002228
Date3: 11/26/1973

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

Date4: 4/27/2004
Cnty city: Warren County, Phillipsburg Town
Edr id: NJ2008000003720

Name: (ID#3382) Brown's Hotel Gazebo
Green Pond Road and NJ Route 23
City: Jefferson Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 5/29/1996
Cnty city: Not Reported
Edr id: NJ2008000004472

Unmappable
NJ2008000004472
NJ Historic Sites

Name: (ID#3383) Newfoundland Station Complex
New York, Susquehanna and Western Railroad at Green Pond Road and NJ
Route 23
City: Jefferson Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 5/29/1996
Cnty city: Not Reported
Edr id: NJ2008000004477

Unmappable
NJ2008000004477
NJ Historic Sites

Name: (ID#3399) Early Newfoundland Cemetery
City: Jefferson Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 5/29/1996
Cnty city: Not Reported

Unmappable
NJ2008000004476
NJ Historic Sites

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

Edr id: NJ2008000004476

Unmappable
NJ2008000003515
NJ Historic Sites

Name: (ID#3525) Old Main Delaware, Lackawanna and Western Railroad Historic District
Morris and Essex Railroad Right-of-Way (NJ Transit Morristown Line) from Hudson, Hoboken City to Warren, Washington Town

City: Rockaway Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 9/24/1996
Cnty city: Hudson County, Hoboken City
Edr id: NJ2008000003515

Unmappable
NJ2008000004478
NJ Historic Sites

Name: (ID#3525) Old Main Delaware, Lackawanna and Western Railroad Historic District
Morris and Essex Railroad Right-of-Way (NJ Transit Morristown Line) from Hudson, Hoboken City to Warren, Washington Township, and then along Warren Railroad to the Delaware River

City: Jefferson Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 9/24/1996
Cnty city: Hudson County, Hoboken City
Edr id: NJ2008000004478

Unmappable
NJ2008000003521
NJ Historic Sites

Name: (ID#3588) Snake Hill Road Historic Homestead Site

City: Rockaway Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 7/13/1995
Cnty city: Not Reported

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

Edr id: NJ2008000003521

Unmappable
NJ2008000003510
NJ Historic Sites

Name: (ID#4015) Hibernia Historic District

Parts of Green Pond, Main, and Lower Hibernia roads, Church Street
City: Rockaway Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 6/7/2002
Cnty city: Not Reported
Edr id: NJ2008000003510

Unmappable
NJ2008000003516
NJ Historic Sites

Name: (ID#4286) Picatinny Arsenal 600 Ordinance Testing Area District

20th Avenue
City: Rockaway Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 7/2/1999
Cnty city: Not Reported
Edr id: NJ2008000003516

Unmappable
NJ2008000003520
NJ Historic Sites

Name: (ID#4287) Picatinny Arsenal Test Area E, Naval Air Rocket Test Station District

Snake Hill Road
City: Rockaway Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 7/2/1999
Cnty city: Not Reported
Edr id: NJ2008000003520

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status
EDR ID
Database

Unmappable
NJ2008000003518
NJ Historic Sites

Name: (ID#4288) Picatinny Arsenal Navy Commander's Quarters (Building 3250)
Main Road
City: Rockaway Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 7/2/1999
Cnty city: Not Reported
Edr id: NJ2008000003518

Unmappable
NJ2008000004471
NJ Historic Sites

Name: (ID#4423) Babbit-Mathews House
625 Berkshire Valley Road
City: Jefferson Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 4/6/2005
Cnty city: Not Reported
Edr id: NJ2008000004471

Unmappable
NJ2008000004474
NJ Historic Sites

Name: (ID#4547) Dover Milton Historic District
City: Jefferson Township
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: Not Reported
Date4: 8/25/2005
Cnty city: Not Reported
Edr id: NJ2008000004474

Unmappable
NJ2008000003721
NJ Historic Sites

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

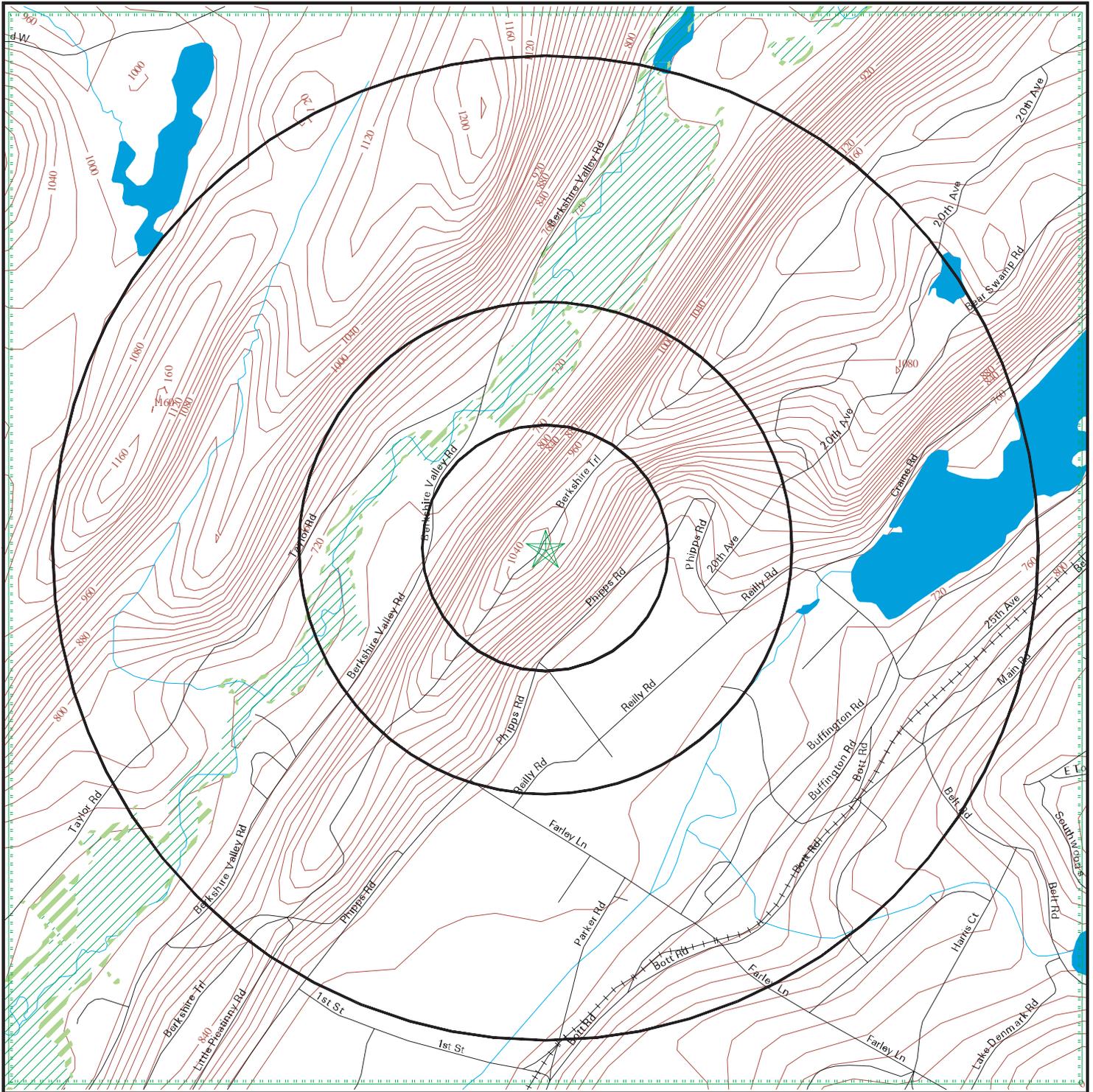
Status
EDR ID
Database

Name: (ID#57) Saint Mary's Roman Catholic Church
City: Wharton Borough
County: Morris County
Date1: Not Reported
Date2: Not Reported
Date3: 5/21/1997
Date4: Not Reported
Cnty city: Not Reported
Edr id: NJ2008000003721

Unmappable
97000729
National Register of Hist. Places

Refnum: 97000729
Resname: St. Mary's Church
Address: Jct. of S. Main St. and US 46
Resource Type: Building
Number buildings: 000001
Number sites: 000000
Number structs: 000000
Number objects: 000000
Non-contrib bldg: 000003
Non-contrib sites: 000000
Non-contrib structs: 000000
Non-contrib objects: 000000
Primary Certification: Date received/pending nomination
Certification date: 19970603
Acreage: 70
Alternate name: Not Reported
County: Morris
City: Wharton
Applicable Criteria: Event
Applicable Criteria: Architecture/Engineering
Areas of significance: Architecture
Areas of significance: Art
Areas of significance: Religion
Areas of significance: European
Current Function: Religion
Building Material: Stone
Building Material: Sandstone
Building Material: Slate
Building Material: Copper

Flood Plain Map



-  Major Roads
-  Contour Lines
-  Waterways
-  County Boundary
-  Power Lines
-  Pipe Lines
-  Fault Lines
-  Water
-  100-year flood zone
-  500-year flood zone
-  Electronic FEMA data available
-  Electronic FEMA data not available



SITE NAME: Picatinny - Berkshire Trail
 ADDRESS: Berkshire Trail
 Wharton NJ 07885
 LAT/LONG: 40.9501 / 74.5683

CLIENT: E2 Project Management
 CONTACT: Kristin Tallamy
 INQUIRY #: 2693107.1s
 DATE: February 5, 2010

FLOOD PLAIN MAP FINDINGS

Source: FEMA DFIRM Flood Data, FEMA Q3 Flood Data

County	FEMA flood data electronic coverage
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MORRIS, NJ

YES

Flood Plain panel at target property:

3405220006B (FEMA Q3 Flood data)

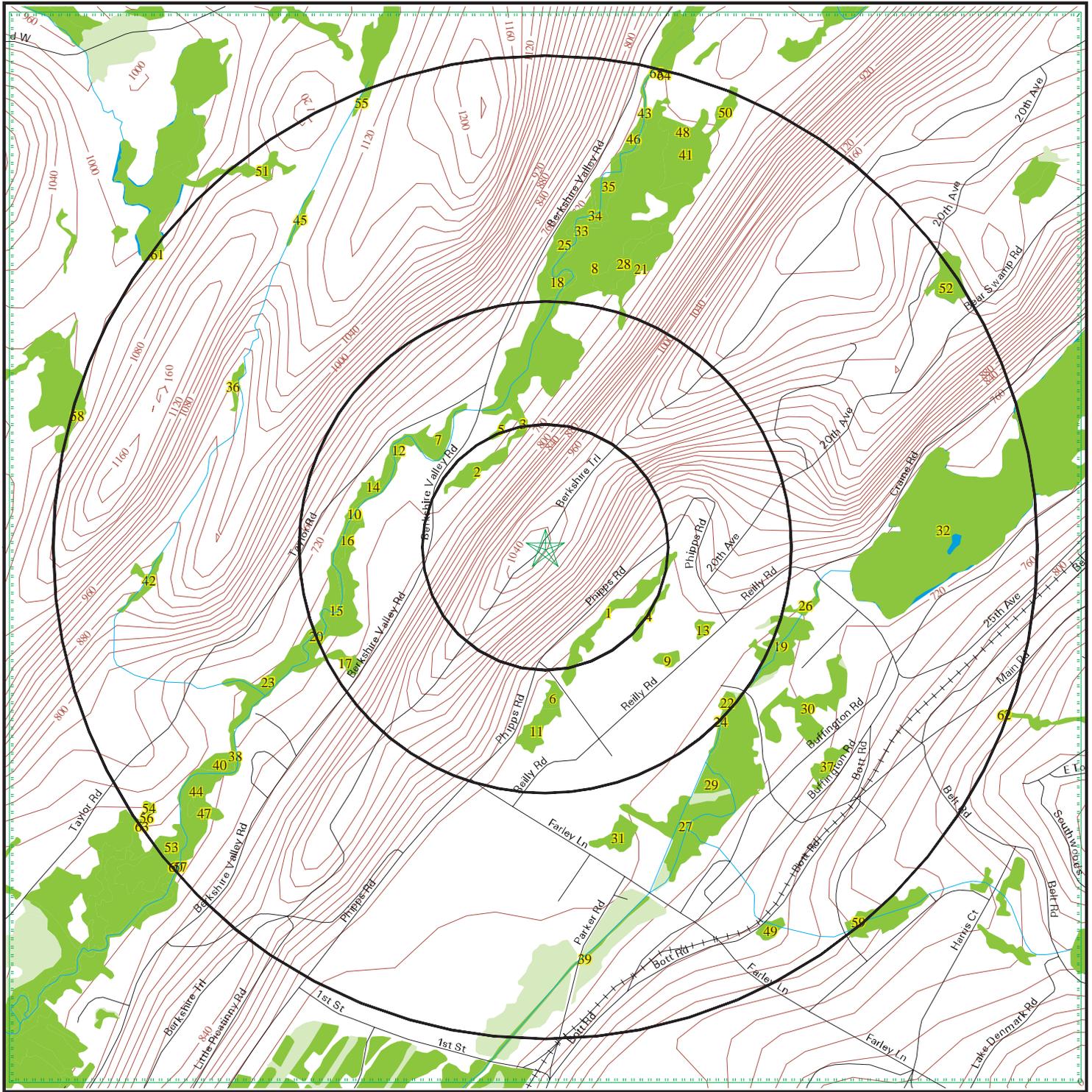
Additional Flood Plain panel(s) in search area:

3405220007B (FEMA Q3 Flood data)

3403600009B (FEMA Q3 Flood data)

3403600011B (FEMA Q3 Flood data)

National Wetlands Inventory Map



- | | | |
|-----------------|-------------|-----------------------------------|
| Major Roads | Power Lines | Water |
| Contour Lines | Pipe Lines | National Wetland Inventory |
| Waterways | Fault Lines | State Wetlands |
| County Boundary | | Electronic NWI data available |
| | | Electronic NWI data not available |

SITE NAME: Picatinny - Berkshire Trail
 ADDRESS: Berkshire Trail
 Wharton NJ 07885
 LAT/LONG: 40.9501 / 74.5683

CLIENT: E2 Project Management
 CONTACT: Kristin Tallamy
 INQUIRY #: 2693107.1s
 DATE: February 5, 2010

WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Dover

Additional NWI hardcopy map(s) in search area:

Not reported in source data

Map ID	Direction	Distance	Code and Description*	Database
Distance (ft.)				
1	SE	1/8-1/4 mi 916	PFO1C [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded	NWI
2	NNW	1/8-1/4 mi 1018	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
3	NNW	1/8-1/4 mi 1141	PFO4/1B [P] Palustrine, [FO] Forested, [4] Needle-Leaved Evergreen / , [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
4	SE	1/8-1/4 mi 1266	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI
5	NNW	1/8-1/4 mi 1283	PFO1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated	NWI
6	South	1/4-1/2 mi 1418	PFO1C [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded	NWI
7	NW	1/4-1/2 mi 1458	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI
8	NNW	1/4-1/2 mi 1510	PFO1C [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded	NWI
9	SE	1/4-1/2 mi 1657	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
10 NW 1/4-1/2 mi 1669	R2UBH [R] Riverine, [2] Lower Perennial, [UB] Unconsolidated Bottom, [H] Permanently Flooded	NWI
11 South 1/4-1/2 mi 1723	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
12 NW 1/4-1/2 mi 1781	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI
13 ESE 1/4-1/2 mi 1796	PFO1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated	NWI
14 WNW 1/4-1/2 mi 1826	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI
15 West 1/4-1/2 mi 1947	PFO1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated	NWI
16 West 1/4-1/2 mi 1970	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI
17 WSW 1/4-1/2 mi 2315	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
18 North 1/4-1/2 mi 2410	R2UBH [R] Riverine, [2] Lower Perennial, [UB] Unconsolidated Bottom, [H] Permanently Flooded	NWI
19 ESE 1/4-1/2 mi 2420	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
20 WSW 1/4-1/2 mi 2440	R2UBH [R] Riverine, [2] Lower Perennial, [UB] Unconsolidated Bottom, [H] Permanently Flooded	NWI
21 NNE 1/4-1/2 mi 2468	PFO1/4B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous / , [FO] Forested, [4] Needle-Leaved Evergreen, [B] Saturated	NWI
22 SE 1/4-1/2 mi 2485	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI
23 WSW 1/4-1/2 mi 2519	PSS1E [P] Palustrine, [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated	NWI
24 SE 1/4-1/2 mi 2586	R2UBH [R] Riverine, [2] Lower Perennial, [UB] Unconsolidated Bottom, [H] Permanently Flooded	NWI
25 North 1/4-1/2 mi 2617	PFO1/SS1C [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous / , [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded	NWI
26 ESE 1/4-1/2 mi 2622	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded	NWI
27 SE 1/4-1/2 mi 2638	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI
28 NNE 1/2-1 mi 2766	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
29 SE 1/2-1 mi 2903	PFO1/SS1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous / , [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
30 SE 1/2-1 mi 2915	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
31 SSE 1/2-1 mi 2976	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
32 East 1/2-1 mi 3280	L1UBHh [L] Lacustrine, [1] Limnetic, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded	NWI
33 North 1/2-1 mi 3307	PSS1C [P] Palustrine, [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded	NWI
34 North 1/2-1 mi 3506	R2UBH [R] Riverine, [2] Lower Perennial, [UB] Unconsolidated Bottom, [H] Permanently Flooded	NWI
35 North 1/2-1 mi 3619	PSS1C [P] Palustrine, [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded	NWI
36 WNW 1/2-1 mi 3620	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
37 SE 1/2-1 mi 3702	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
38 WSW 1/2-1 mi 3874	R2UBH [R] Riverine, [2] Lower Perennial, [UB] Unconsolidated Bottom, [H] Permanently Flooded	NWI
39 SSE 1/2-1 mi 3897	R2UBHx [R] Riverine, [2] Lower Perennial, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [x] Excavated	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
40 WSW 1/2-1 mi 4024	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI
41 NNE 1/2-1 mi 4033	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
42 West 1/2-1 mi 4097	PFO4B [P] Palustrine, [FO] Forested, [4] Needle-Leaved Evergreen, [B] Saturated	NWI
43 North 1/2-1 mi 4171	R2UBH [R] Riverine, [2] Lower Perennial, [UB] Unconsolidated Bottom, [H] Permanently Flooded	NWI
44 SW 1/2-1 mi 4238	PSS1A [P] Palustrine, [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI
45 NW 1/2-1 mi 4247	PFO1A [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [A] Temporarily Flooded	NWI
46 NNE 1/2-1 mi 4340	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
47 SW 1/2-1 mi 4488	PEM1A [P] Palustrine, [EM] Emergent, [1] Persistent, [A] Temporarily Flooded	NWI
48 NNE 1/2-1 mi 4636	PFO1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated	NWI
49 SSE 1/2-1 mi 4655	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
50 NNE 1/2-1 mi 4850	PFO1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated	NWI
51 NW 1/2-1 mi 4868	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
52 ENE 1/2-1 mi 4902	PUBHx [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [x] Excavated	NWI
53 SW 1/2-1 mi 4920	PFO1C [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded	NWI
54 WSW 1/2-1 mi 5034	PUBF [P] Palustrine, [UB] Unconsolidated Bottom, [F] Semipermanently Flooded	NWI
55 NNW 1/2-1 mi 5058	PFO1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated	NWI
56 SW 1/2-1 mi 5060	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
57 SW 1/2-1 mi 5125	R2UBH [R] Riverine, [2] Lower Perennial, [UB] Unconsolidated Bottom, [H] Permanently Flooded	NWI
58 WNW 1/2-1 mi 5129	PFO4E [P] Palustrine, [FO] Forested, [4] Needle-Leaved Evergreen, [E] Seasonally Flooded/Saturated	NWI
59 SE 1/2-1 mi 5149	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
60 SW 1/2-1 mi 5151	PSS1/FO1E [P] Palustrine, [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous / , [FO] Forested, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated	NWI
61 NW 1/2-1 mi 5180	PFO1Eb [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated, [b] Beaver	NWI
62 ESE 1/2-1 mi 5193	PFO1B [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [B] Saturated	NWI
63 SW 1/2-1 mi 5242	PFO1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated	NWI
64 NNE 1/2-1 mi 5244	PFO1Ch [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [C] Seasonally Flooded, [h] Diked/Impounded	NWI
65 NNE 1/2-1 mi 5251	PUBHh [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [h] Diked/Impounded	NWI

*See Wetland Classification System for additional information.

WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

SYSTEM

MARINE

SUBSYSTEM

1 - SUBTIDAL

2 - INTERTIDAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom	AB-AQUATIC BED	RF-REEF	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm		1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic

SYSTEM

E - ESTUARINE

SUBSYSTEM

1 - SUBTIDAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	

SUBSYSTEM

2 - INTERTIDAL

CLASS	AB-AQUATIC BED	RF-REEF	SB - STREAMBED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	SS-SCRUB SHRUB	FO-FORESTED
Subclass	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen

SYSTEM

R - RIVERINE

SUBSYSTEM

1 - TIDAL 2 - LOWER PERENNIAL 3 - UPPER PERENNIAL 4 - INTERMITTENT 5 - UNKNOWN PERENNIAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	*SB-STREAMBED	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	**EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.
 **EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM

L - LACUSTRINE

SUBSYSTEM

1 - LIMNETIC

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	

SUBSYSTEM

2 - LITTORAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

SUBSYSTEM

P - PALUSTRINE

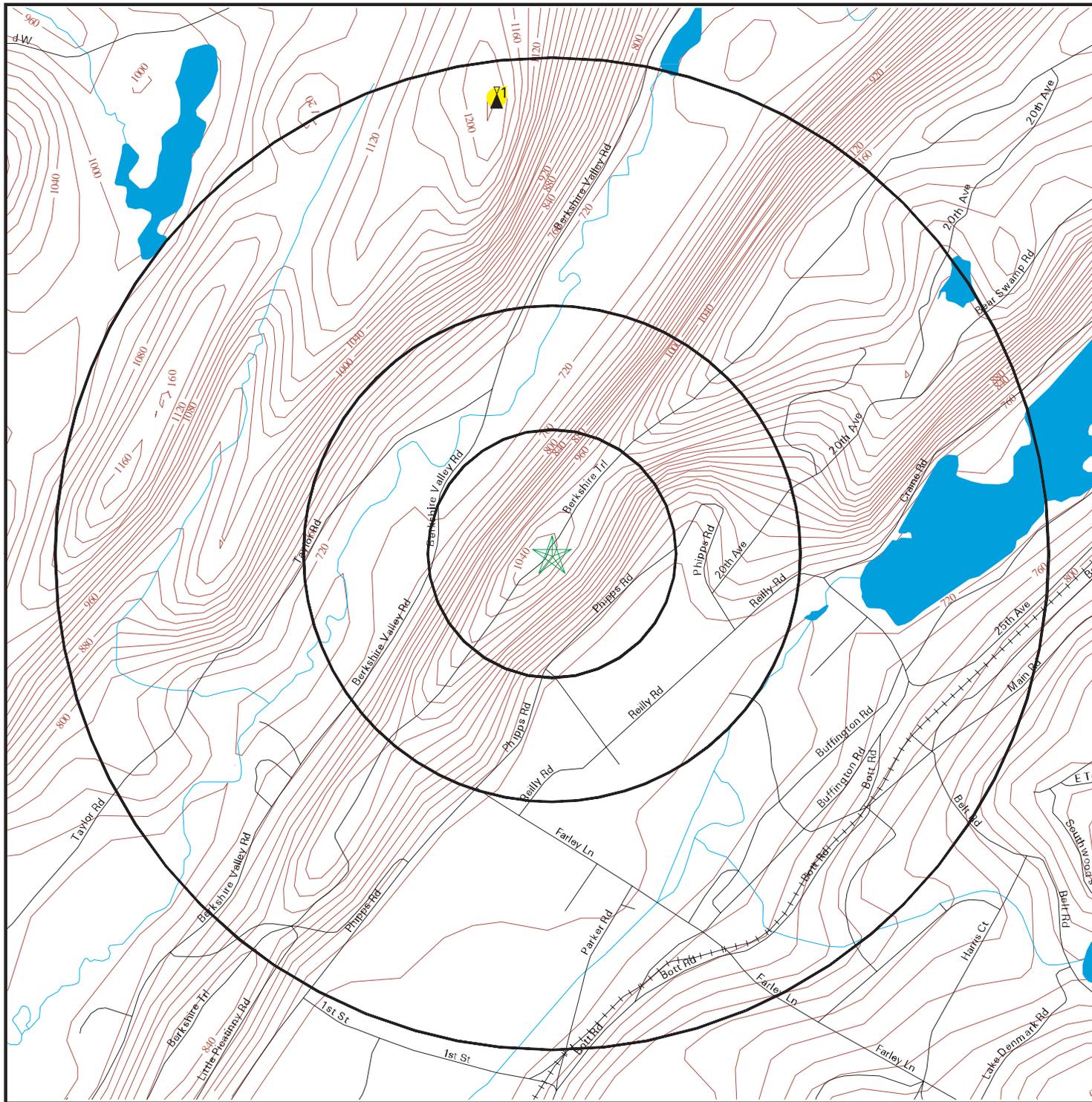
CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS- LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved 2 Needle-Leaved 3 Broad-Leaved 4 Needle-Leaved 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved 2 Needle-Leaved 3 Broad-Leaved 4 Needle-Leaved 5 Dead 6 Deciduous 7 Evergreen	

MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Halinity	Inland Salinity	pH	Modifiers for			
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal		1 Hyperhaline	7 Hypersaline	all Fresh Water	b Beaver
B Saturated	J Intermittently Flooded	L Subtidal	*R Seasonal-Tidal		2 Euhaline	8 Eusaline	g Organic	d Partially Drained/Ditched
C Seasonally Flooded	K Artificially Flooded	M Irregularly Exposed	*T Semipermanent -Tidal		3 Mixohaline (Brackish)	9 Mixosaline	n Mineral	f Farmed
D Seasonally Flooded/ Well Drained	W Intermittently Flooded/Temporary	N Regularly Flooded	V Permanent -Tidal		4 Polyhaline	0 Fresh	a Acid	h Diked/Impounded
E Seasonally Flooded/ Saturated	Y Saturated/Semipermanent/ Seasonal	P Irregularly Flooded	U Unknown		5 Mesohaline		t Circumneutral	r Artificial Substrate
F Semipermanently Flooded	Z Intermittently Exposed/Permanent	*These water regimes are only used in tidally influenced, freshwater systems.			6 Oligohaline		i Alkaline	s Spoil
G Intermittently Exposed	U Unknown				0 Fresh			x Excavated

FCC & FAA Sites Map



- Streets
- Contour Lines
- County Boundary
- Waterways
- Power Lines
- Water
- Sites
- Omni Directional AM Interference
- Directional AM Interference



SITE NAME: Picatinny - Berkshire Trail
 ADDRESS: Berkshire Trail
 Wharton NJ 07885
 LAT/LONG: 40.9501 / 74.5683

CLIENT: E2 Project Management
 CONTACT: Kristin Tallamy
 INQUIRY #: 2693107.1s
 DATE: February 5, 2010

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

1
North
1/2-1 mi
4891

TOW100000056939
TOWER

Tower ID:	42081		
Tower Owner Name:	1.5 M ENE OF TIERNEYS CR, MASE MOUNTAIN, NJ		
Latitude:	40 57' 147468"	Latitude (in seconds):	147468
Longitude:	74 34' 15"	Longitude (in seconds):	268455
Transmitter Latitude:	405748	Transmitter Longitude	0743415
Construction Date:		Activation Date:	Oct 10 1972
FAA Date:	Mar 6 1972	FCC Date:	Apr 13 1972
File Number:	7492-C1-P-72	FAA ID:	72-EA-68-OE
Antenna Height:	0.0000	Antenna Height (M):	0.0000
Beacon Height:	0.0000	Beacon Height (M):	0.0000
Elevation:	1422.0000	Elevation FAA:	1422.0000
Elevation FAA (M):	433.4000	Elevation (M):	433.4000
Structure Height:	202.0000	Structure Height (M):	61.6000
Structure Height FAA:	202.0000	Structure Height FAA (M):	61.6000
Supporting Struct Hgt:	0.0000	Supporting Struct Hgt (M):	0.0000
Tower Height:	0.0000	Tower Height (M):	0.0000
Structure Type:	TOW	Tower Type:	E
Key Remarks:		Date:	
Key Site:	53893	Record Action:	OLD
ID Exam:		ID_ASB_ACC:	Y
Paint and Lighting Specs:	1 11 21 3		
Special Conditions/Remarks:			

This record is for a license, and it may or may not indicate a site which has been built.

FCC & FAA SITES MAP FINDINGS AIRPORTS

EDR ID
Database

No Sites Reported.

FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID
Database

No Sites Reported.

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

NATURAL AREAS

Officially designated wilderness areas

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

National Park Service, Northeast Region

200 custom Street, Fifth Floor

Philadelphia, PA 19106

215-597-7013

USDA Forest Service, Eastern

310 West Wisconsin Avenue

Milwaukee, WI 53203

414-297-3693

BLM - Eastern States Office

7450 Boston Blvd.

Springfield, VA 22153

703-440-1713

Fish & Wildlife Service, Region 5

Div. Of Personnel Mgmt. 300 Westgate Center Drive

Hadley, MA 01035-9589

413-253-8313

Officially designated wildlife preserves, sanctuaries and refuges

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

State Contacts for Additional Information

Dept. of Environmental Protection 609-292-9410

Wild and scenic rivers

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

Endangered Species

Government Records Searched in This Report

Endangered Species Protection Program Database

A listing of endangered species by county.

Source: Environmental Protection Agency

Telephone: 703-305-5239

NJ Priority Sites: Natural Heritage Priority Sites

Natural Heritage Priority Sites contain some of the best and most viable occurrences of endangered and threatened species and natural communities, but they do not cover all known habitat for endangered and threatened species in New Jersey.

Source: Dept. of Environmental Protection.

Telephone: 609-984-1339

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 5
Div. Of Personnel Mgmt. 300 Westgate Center Drive
Hadley, MA 01035-9589
413-253-8313

State Contacts for Additional Information

Natural Heritage Program, Office of Lands Management 609-984-1339

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES

Historic Places

Government Records Searched in This Report

National Register of Historic Places:

The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.

The National Register includes:

- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 03/23/2006

Federal Contacts for Additional Information

Park Service; Advisory Council on Historic Preservation
1849 C Street NW
Washington, DC 20240
Phone: (202) 208-6843

State Contacts for Additional Information

Dept. of Environmental Protection 609-292-2885

Indian Religious Sites

Government Records Searched in This Report

Indian Reservations:

This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.

Source: USGS

Phone: 888-275-8747

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

Department of the Interior- Bureau of Indian Affairs
Office of Public Affairs
1849 C Street, NW
Washington, DC 20240-0001
Office: 202-208-3711
Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers

1411 K Street NW, Suite 700
Washington, DC 20005
Phone: 202-628-8476
Fax: 202-628-2241

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

State Contacts for Additional Information

A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:
<http://www.doi.gov/bia/areas/agency.html>

Scenic Trails

Government Records Searched in This Report

APPAL_TRAIL: Appalachian Trail
Source: Appalachian Trail Conference
Telephone: (304) 535-6331
Appalachian Trail centerline.

State Contacts for Additional Information

Appalachian Trail Conference
799 Washington Street P.O. Box 807
Harpers Ferry, WV 25425-0807
(304) 535-6331

FLOOD PLAIN, WETLANDS AND COASTAL ZONE

Flood Plain Management

Government Records Searched in This Report

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information

Office of Emergency Management 609-538-6050

Wetlands Protection

Government Records Searched in This Report

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2004 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Environmental Protection
Telephone: 609-984-2243

Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information

Dept. of Environmental Protection 609-292-9410

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Coastal Zone Management

Government Records Searched in This Report

CAMA Management Areas

Dept. of Env., Health & Natural Resources
919-733-2293

Federal Contacts for Additional Information

Office of Ocean and Coastal Resource Management

N/ORM, SSMC4
1305 East-West Highway
Silver Spring, Maryland 20910
301-713-3102

State Contacts for Additional Information

Dept. of Env. Protection, Office of Land & Water Planning 609-292-1875

Government Records Searched in This Report

Coastline

Dept. of Env. Protection
609-292-1875

FCC & FAA SITES MAP

For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

Government Records Searched in This Report

Cellular

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

Portions copyright (C) 1999 Percon Corporation. All rights reserved.

Tower

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

Portions copyright (C) 1999 Percon Corporation. All rights reserved.

Antenna Registration

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

Portions copyright (C) 1999 Percon Corporation. All rights reserved.

AM Tower

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

FAA Digital Obstacle File

Federal Aviation Administration (FAA)
1305 East-West Highway, Station 5631
Silver Spring, MD 20910-3281
Telephone: 301-713-2817

Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

Airport Landing Facilities

Federal Aviation Administration
Telephone (800) 457-6656
Private and public use landing facilities.

Electric Power Transmission Line Data

PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Excessive Radio Frequency Emission

For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

Federal Contacts for Additional Information

Office of Engineering and Technology
Federal Communications Commission
445 12th Street SW
Washington, DC 20554
Phone: 202-418-2470

OTHER CONTACT SOURCES

STREET AND ADDRESS INFORMATION

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APPENDIX J
SHPO CORRESPONDENCE



E2 Project Management LLC

The History Team

Colony Plaza, 1220 Route 46 West, Suite 222 Parsippany, New Jersey 07054
Tel. (973) 299-5200, Fax. (973) 299-5059

RECEIVED
JAN 24 2008
HISTORIC PRESERVATION OFFICE

January 23, 2008

Mr. Vince Maresca
Historic Preservation Specialist
New Jersey Historic Preservation Office
501 East State Street, 4th Floor
Trenton, NJ 08625

08-0664-1 VM
HPO B2008-120

Re: Federal Communications Commission Undertaking
Proposed New Facility
New York SMSA Limited Partnership
d/b/a Verizon Wireless
Jefferson 3
Berkshire Trail
Jefferson Township
Morris County, NJ 07885

Dear Mr. Maresca:

New York SMSA Limited Partnership, d/b/a Verizon Wireless is proposing to construct a new wireless telecommunication facility at the above referenced location. The proposed installation includes an approximately 24-foot by 40-foot equipment area to be surrounded by a chainlink fence (to match the existing) containing an 11.5-foot by 30-foot equipment shelter and 150-foot tall monopole. Utilities will be routed from the existing utility pole near the site. Access will be provided via an existing paved access drive and parking area.

A Section 106 Consultation for a proposed Omnipoint Communications monopole located approximately 125 feet southeast of the proposed monopole was submitted to the New Jersey Historic Preservation Office (HPO) in June 2004 (Richard Grubb & Associates, Inc.; MOR AA 534). HPO determined that the proposed monopole would have No Adverse Effect on any Historic Properties on July 1, 2004 (HPO-F2004-335).

Please note that the subject property is an active military installation. No photographs were permitted on the subject property.

An FCC Form 620 for the above referenced undertaking is included in this package. It is the opinion of The History Team at E2PM that the proposed construction will not adversely affect any historic resources. Please provide a written Determination of Effect. If you have any questions or need further information, please contact me at via phone at (609) 945-1739, or via email at Suzanne.Derrick@e2pm.com.

Thank you,

Suzanne B. Derrick
Division Manager
The History Team at E2PM

Enclosure: FCC Form 620

c. Project File – Jefferson 3, H-07-01-117

As proposed, the project will not adversely affect historic properties. Pursuant to 800.5(c), if no consulting parties object to this finding within the 30 day review period, the project may proceed, as proposed, unless resources are discovered during project implementation, pursuant to 800.13.

TERRY KARSTENER
Deputy State Historic Preservation Officer

2-20-2008
Date

New Tower (“NT”) Submission Packet

FCC FORM 620

Introduction

The **NT Submission Packet** is to be completed by or on behalf of Applicants to construct new antenna support structures by or for the use of licensees of the Federal Communications Commission (“FCC”). **The Packet (including Form 620 and attachments) is to be submitted to the State Historic Preservation Office (“SHPO”) or to the Tribal Historic Preservation Office (“THPO”), as appropriate, before any construction or other installation activities on the site begin. Failure to provide the Submission Packet and complete the review process under Section 106 of the National Historic Preservation Act (“NHPA”)¹ prior to beginning construction may violate Section 110(k) of the NHPA and the Commission’s rules.**

The instructions below should be read in conjunction with, and not as a substitute for, the “Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission,” dated September 2004, (“Nationwide Agreement”) and the relevant rules of the FCC (47 C.F.R. §§ 1.1301-1.1319) and the Advisory Council on Historic Preservation (“ACHP”) (36 C.F.R. Part 800).²

Exclusions and Scope of Use

The NT Submission Packet should not be submitted for undertakings that are excluded from Section 106 Review. The categories of new tower construction that are excluded from historic preservation review under Section 106 of the NHPA are described in Section III of the Nationwide Agreement.

Where an undertaking is to be completed but no submission will be made to a SHPO or THPO due to the applicability of one or more exclusions, the Applicant should retain in its files documentation of the basis for each exclusion should a question arise as to the Applicant’s compliance with Section 106.

¹ 16 U.S.C. § 470f.

² Section II.A.9. of the Nationwide Agreement defines a “historic property” as: “Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian Organization that meet the National Register criteria.”

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

The NT Submission Packet is to be used only for the construction of new antenna support structures. Antenna collocations that are subject to Section 106 review should be submitted using the Collocation (“CO”) Submission Packet (FCC Form 621).

General Instructions: NT Submission Packet

Fill out the answers to Questions 1-5 on Form 620 and provide the requested attachments. Attachments should be numbered and provided in the order described below.

For ease of processing, provide the Applicant’s Name, Applicant’s Project Name, and Applicant’s Project Number in the lower right hand corner of each page of Form 620 and attachments.³

1. Applicant Information

Full Legal Name of Applicant: New York SMSA Limited Partnership d/b/a Verizon Wireless

Name and Title of Contact Person: George Slocum

Address of Contact Person (including Zip Code):
141 Industrial Parkway, Branchburg NJ 08876

Phone: (908) 256-7000 Fax: (908)

E-mail address: George.Slocum@VerizonWireless.com

2. Applicant's Consultant Information

Full Legal Name of Applicant's Section 106 Consulting Firm:

E 2 Project Management LLC

Name of Principal Investigator: Donna Andrews

Title of Principal Investigator: Senior Architectural Historian

Investigator’s Address: 1220 Route 46 West, Suite 222

³ Some attachments may contain photos or maps on which this information can not be provided.

Applicant’s Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

City: Parsippany State NJ Zip Code 07054

Phone: (973) 299-5200 Fax: (973) 299-5059

E-mail Address: donna.andrews@e2pm.com

Does the Principal Investigator satisfy the Secretary of the Interior’s Professional Qualification Standards?⁴ YES NO.

Areas in which the Principal Investigator meets the Secretary of the Interior’s Professional Qualification Standards: History, Architectural History

Other “Secretary of the Interior qualified” staff who worked on the Submission Packet (provide name(s) as well as well as the area(s) in which they are qualified):
Barry Brady - Archaeology

3. Site Information

a. Street Address of Site: Berkshire Trail

City or Township: Jefferson Township

County / Parish: Morris County State: NJ Zip Code: 07885

b. Nearest Cross Roads: Berkshire Trail / Berkshire Hill Road

c. NAD 83 Latitude/Longitude coordinates (to tenth of a second):

N 40 ° 57 ’ 00 .8”; W 74 ° 34 ’ 07 .4”

⁴ The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior: <http://www.cr.nps.gov/local-law/arch_stnds_9.htm>. The Nationwide Agreement requires use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effects. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. See Nationwide Agreement, §§ VI.D.1.d, VI.D.1.e, VI.D.2.b, VI.E.5.

Applicant’s Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039

Estimated Time Per Response:
.5 to 10 hours

d. Proposed tower height above ground level:⁵ 150 feet; 45.72 meters

e. Tower type:

guyed lattice tower self-supporting lattice monopole

other (briefly describe tower) _____

4. Project Status:⁶

a. Construction not yet commenced;

b. Construction commenced on [date] _____; or,

c. Construction commenced on [date] _____ and was completed on [date] _____.

5. Applicant’s Determination of Effect:

a. **Direct Effects** (check one):

i. No Historic Properties in Area of Potential Effects (“APE”) for direct effects;

ii. “No effect” on Historic Properties in APE for direct effects;

iii. “No adverse effect” on Historic Properties in APE for direct effects;

iv. “Adverse effect” on one or more Historic Properties in APE for direct effects.

b. **Visual Effects** (check one):

i. No Historic Properties in Area of Potential Effects (“APE”) for visual effects;

ii. “No effect” on Historic Properties in APE for visual effects;

iii. “No adverse effect” on Historic Properties in APE for visual effects;

iv. “Adverse effect” on one or more Historic Properties in APE for visual effects.

⁵ Include top-mounted attachments such as lightning rods.

⁶ Failure to provide the Submission Packet and complete the review process under Section 106 of the NHPA prior to beginning construction may violate Section 110(k) of the NHPA and the Commission’s rules. See Section X of the Nationwide Agreement.

Applicant’s Name: Verizon Wireless

Project Name: Jefferson 3

Project Number: _____

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

Certification and Signature

I certify that all representations on this FCC Form 620 and the accompanying attachments are true, correct, and complete.



1/22/08

Signature

Date

Donna Andrews

Printed Name

Senior Architectural Historian

Title

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).

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Attachment 1. Resumes/Vitae

Provide a current copy of the résumé or curriculum vitae for the Principal Investigator and any researcher or other person who contributed to, reviewed, or provided significant input into the research, analysis, writing or conclusions presented in the Submission Packet for this proposed facility.

Please see attached resumes.

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Senior Architectural Historian

EDUCATION/SPECIAL TRAINING

University of Pennsylvania, Philadelphia PA
M.S. Historic Preservation, 2001

Lycoming College, Williamsport PA
B.A. History, 1999

QUALIFICATIONS

Ms. Andrews has more than five years experience completing federal, state, and local regulatory reviews for public and private undertakings. Her experience includes historic research and writing, cultural resource surveys and effects assessments, the resolution of adverse effects through Memorandum of Agreement, preservation planning, public testimony and education, architectural surveys, architectural analysis, historic structure reports, materials condition assessments, and HABS/HAER documentation. Ms. Andrews specializes in Section 106 reviews of wireless telecommunications projects and is familiar with the regulations governing such projects under 36 CFR 800, the 2001 "Nationwide Programmatic Agreement for the Collocation of Wireless Antennas," and the 2005 "Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission." Ms. Andrews has worked on wireless telecommunications projects in six states, including New York, New Jersey, Pennsylvania, Delaware, Maryland, and Iowa.

RELATED EXPERIENCE

Richard Grubb & Associates, Inc., NJ

Ms. Andrews completed federal, state, and local regulatory reviews for public and private undertakings specializing in the assessment of visual effects as a result of the construction of wireless telecommunication facilities. Ms. Andrews also assisted on a major survey project for which she provided training for interns and junior staff, surveyed properties in the field, entered survey information into a database, and provided GIS mapping and information.

The George Washington University, DC

Ms. Andrews served as a graduate teaching assistant in the American Studies program.

John Milner Architects, PA

Ms. Andrews completed a Historic Structure Report for the Shreiner Farm, Lancaster PA.

Goldman Properties, Ltd., PA

Ms. Andrews worked in the Philadelphia office of Goldman Properties, Ltd., conducting research into the history of properties owned and purchased by Goldman Properties, Ltd., managing the façade improvement grant program, assisting with tax credit applications, and managing construction projects.

LANGUAGES

- English – native language
-

Senior Archaeologist

EDUCATION/SPECIAL TRAINING

University of Pennsylvania, Philadelphia, PA
Ph.D. in Classical Archaeology, 1977

Fairfield University, Fairfield, CT
B.A. in Classics, 1970

QUALIFICATIONS

Dr. Brady has over thirty-four years of experience in the cultural resource management field. His experience includes all phases of archaeological fieldwork; cleaning, processing, and cataloging artifacts in the laboratory; historic research; completing cultural resource surveys; and assessing effects. Dr. Brady also spent nearly 24 years of his career as a Planner I at the New Jersey Pinelands Commission where he was responsible for establishing and operating all phases of the Commission's cultural resource program for the 1.1 million acre Pinelands National Reserve. Dr. Brady has a working knowledge of Section 106, State and local historic preservation/archaeological survey regulations and extensive experience reviewing such projects.

RELATED EXPERIENCE

Richard Grubb & Associates, Cranbury, NJ

Dr. Brady worked as a Senior Archaeologist from March 2006 through January 2007. He researched and authored a series of Phase IA cultural resource survey reports for purposes of compliance with Section 106 of the National Historic Preservation Act and applicable state regulations

New Jersey Pinelands Commission, New Lisbon, NJ 10/81-5/05

Dr. Brady worked as a Planner for the New Jersey Pinelands Commission from October 1981 until May of 2005. He was primarily responsible for the establishment of the Commission's cultural resources protection program. He wrote a comprehensive cultural resource management plan for the identification, evaluation and treatment of cultural resources in the Pinelands; the plan included detailed guidelines for the conduct of cultural resource surveys. Dr. Brady reviewed development applications including the proposed project's impact on archaeological properties. Dr. Brady worked with applicants to minimize adverse impacts.

City of Paterson, N.J

Dr. Brady worked as a Principal Archaeologist and Project Director from December 1978 until October 1981 for the City of Paterson, New Jersey. He began in 1978 as a staff archaeologist, responsible for historical research, design and implementation of a program of excavations, the supervision of lab procedures and preparation of reports. Later Dr. Brady was promoted to the Project Director and bore the responsibility for directing the archaeology team in all aspects of research and compliance with state and federal preservation law in the Great Falls/S.U.M. National Historic Landmark District, a 119 acre, 19th century mill district.

-
- English – native language
-

Attachment 2. Additional Site Information

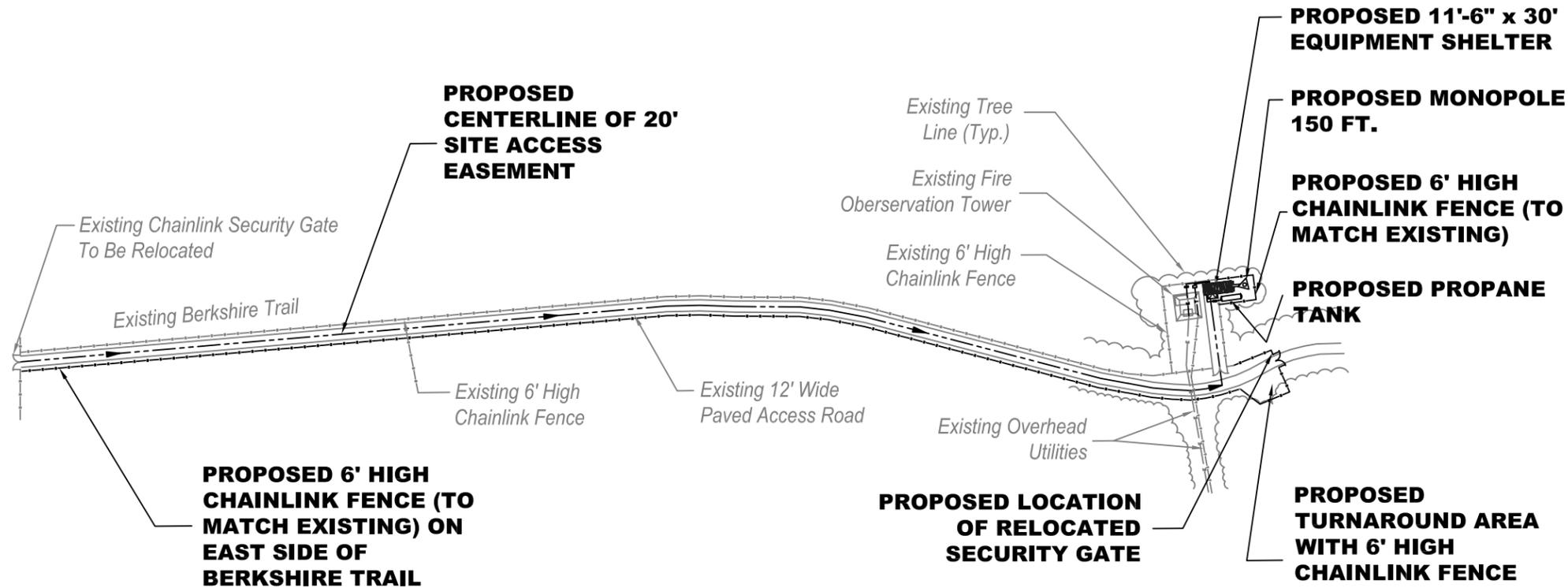
Describe any additional structures, access roads, utility lines, fences, easements, or other construction planned for the site in conjunction with the proposed facility.

The proposed installation includes an approximately 24-foot by 40-foot equipment area to be surrounded by a chainlink fence (to match the existing) containing an 11.5-foot by 30-foot equipment shelter and 150-foot tall monopole. Utilities will be routed from the existing utility pole near the site. Access will be provided via an existing paved access drive and parking area. Please refer to the attached lease exhibits.

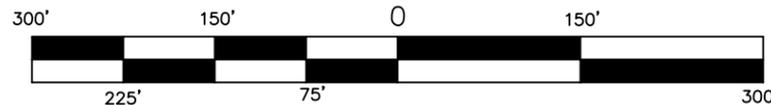
The subject property is an active military installation. No photographs were permitted on the subject property.

A Section 106 Consultation for a proposed Omnipoint Communications monopole located approximately 125 feet southeast of the proposed monopole was submitted to the New Jersey Historic Preservation Office (HPO) in June 2004 (Richard Grubb & Associates, Inc.; MOR AA 534). HPO determined that the proposed monopole would have No Adverse Effect on any Historic Properties on July 1, 2004 (HPO-F2004-335).

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____



1 SITE PLAN
LE-1 SCALE: 1"=150'



GENERAL NOTES:

- EXHIBIT "A" AS SUBMITTED IS A CONCEPTUAL REPRESENTATION OF THE LEASE AGREEMENT ONLY. FINAL CONSTRUCTION DRAWINGS MAY VARY TO COMPLY WITH APPLICABLE BUILDING CODES AND ZONING APPROVALS AND WILL SUPERSEDE EXHIBIT "A".
- TRUE NORTH DETERMINATION, GROUND (AMSL) ELEVATION AND LATITUDE AND LONGITUDE COORDINATES ARE BASED ON USGS MAP INFORMATION.
- THE LOCATION OF LESSEE'S PROPOSED UTILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE RESPECTIVE UTILITY COMPANIES AND MAY NEED TO BE RELOCATED.
- DO NOT SCALE THIS EXHIBIT UNLESS OTHERWISE NOTED.

SITE INFORMATION:

- PROPERTY OWNER/LESSOR: U.S. GOVERNMENT / PICATINNY ARSENAL DOVER, NJ 07806
- CONTACT: MR. JACK LYONS (973)-724-5991
- LESSEE: NEW YORK SMSA LIMITED PARTNERSHIP d/b/a VERIZON WIRELESS 141 INDUSTRIAL PARKWAY BRANCHBURG, NJ 08876
- SITE ADDRESS: BERKSHIRE TRAIL PICATINNY ARSENAL DOVER, NEW JERSEY 07885
- COORDINATES: LATITUDE: N 40° 57' 0.32" LONGITUDE: W 74° 34' 5.99" DATUM: NAD 83
- GROUND ELEVATION: 108.4±' AMSL
- DATUM: NAVD 88

INFORMATION SHOWN ON THIS DRAWING IS BASED ON LIMITED FIELD MEASUREMENTS TAKEN AND TAX MAPS.

LEGEND:

- Existing Conditions
- PROPOSED CONDITIONS
- PROPERTY LINE
- PROPOSED ELECTRICAL ROUTING
- PROPOSED TELEPHONE ROUTING

SCHEDULE OF REVISIONS			
REV. NO.	DATE	DESCRIPTION OF CHANGES	CHK. BY
B	10/31/07	REVISED PER COMMENTS & ISSUED AS LEASE EXHIBIT	E.R.B. J.S.
A	10/9/07	PRELIMINARY LEASE EXHIBIT	E.R.B. JS

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No 24GA28118200

E2PROJECT MANAGEMENT LLC
 COMPANY PLAZA
 1200 ROUTE 48 WEST, SUITE 200
 HANOVER, N.J. 07941
 PHONE: (973) 850-6200
 FAX: (973) 850-0959 www.e2pm.com

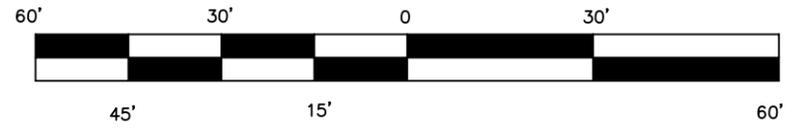
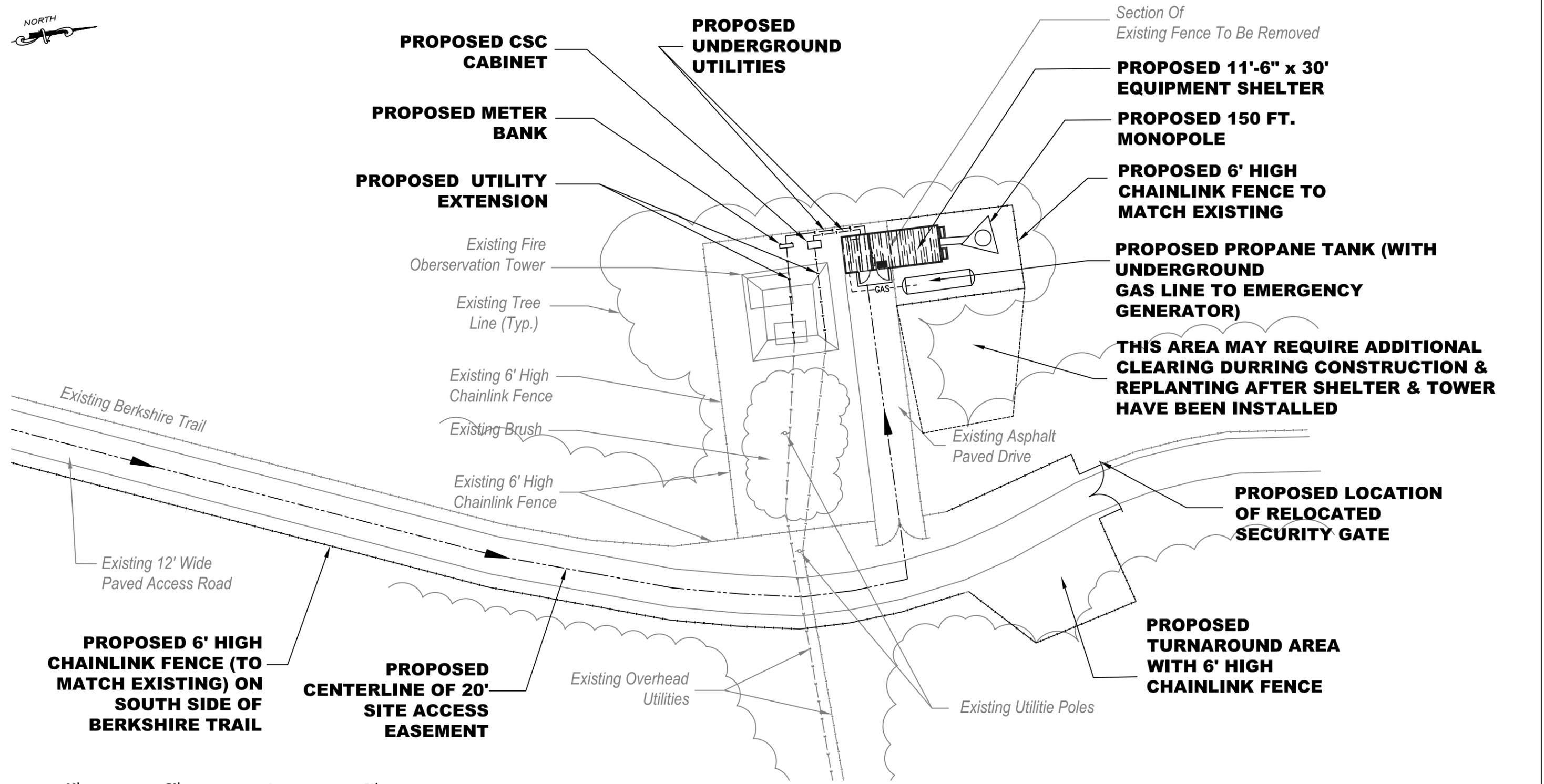
THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPLICABLE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

NEW YORK SMSA
 LIMITED PARTNERSHIP
 d/b/a **verizon wireless**
 141 INDUSTRIAL PARKWAY
 BRANCHBURG, NJ 08876

SEARCH AREA NAME:
JEFFERSON 3

CANDIDATE NAME:
PICATINNY

EXHIBIT "A"		DRAWING ISSUE STATUS CURRENTLY - A-ISSUED AS A LEASE EXHIBIT B-(SPECIFY)	B
FIRST ISSUE: 10/9/07	DRAWING NO. LE-1		
DRAWN BY: E.R.B.	CHECKED BY: JS		
SCALE: AS SHOWN	SHEET NO: 1 OF 3		
PROJECT #P-07-02-131	PRINT DATE: 10/31/07		
DOCUMENT NO. Verizon\NEWARK 28\DWG\LEVY B			



1 PARTIAL SITE PLAN
 LE-2
 SCALE: 1"=30'

SCHEDULE OF REVISIONS			
NO.	DESCRIPTION OF CHANGES	CHK. BY	DATE
/07	REVISED PER COMMENTS & ISSUED AS LEASE EXHIBIT	E.R.B.	J.S.
/07	PRELIMINARY LEASE EXHIBIT	E.R.B.	JS
E	DESCRIPTION OF CHANGES	CHK. BY	

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No 24GA28118200

E2PROJECT MANAGEMENT LLC
 COLONY PLAZA
 1200 BRIDGE AVENUE, SUITE 202
 PARLIN, N.J. 07654
 PHONE: (732) 289-8200
 FAX: (732) 289-8209 www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREO APPROPRIATE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISPLAYED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

NEW YORK SMSA
 LIMITED PARTNERSHIP
 d/b/a **verizon wireless**
 141 INDUSTRIAL PARKWAY
 BRANCHBURG, NJ 08876

SEARCH AREA NAME:
 JEFFERSON 3

CANDIDATE NAME:
 PICATINNY

EXHIBIT A

FIRST ISSUE: 10/9/07
 DRAWN BY: E.R.B.
 CHECKED BY: JS

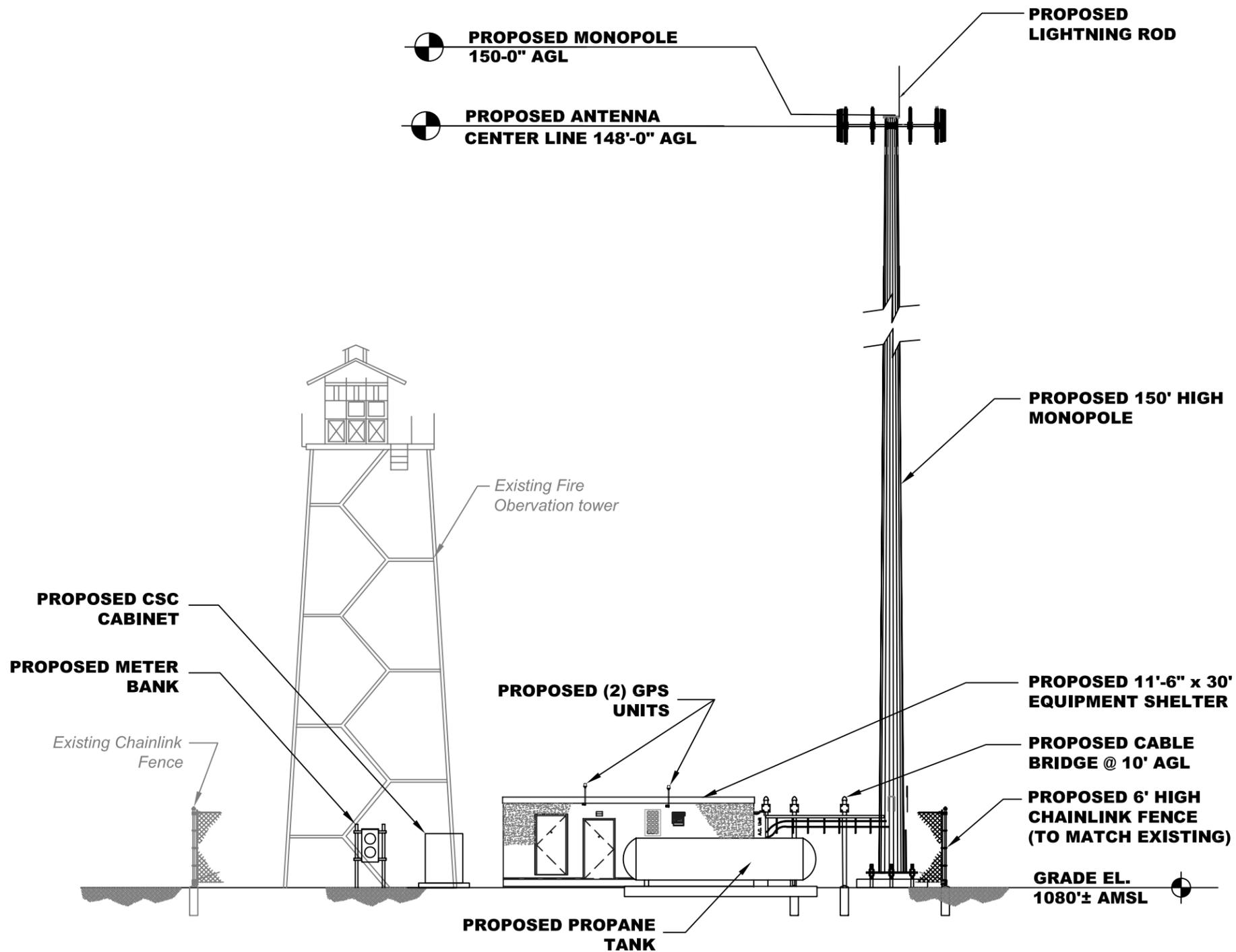
SCALE: AS SHOWN
 PROJECT #: P-07-02-30

DRAWING ISSUE STATUS CURRENTLY -
 A-ISSUED AS A LEASE EXHIBIT
 B-(SPECIFY)

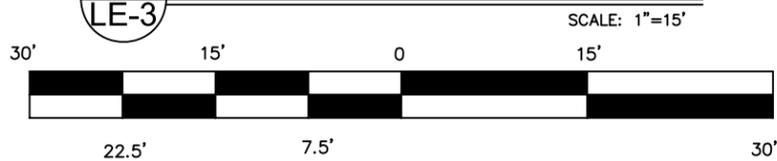
DRAWING NO.
LE-2

SHEET NO: 2 OF 3
 PRINT DATE: 10/31/07
 DOCUMENT NO. Verizon\JEFFERSON\DWG\LEV B

B



1 ELEVATION LOOKING WEST



SCHEDULE OF REVISIONS		DRWN BY	CHK BY
/07	REVISED PER COMMENTS & ISSUED AS LEASE EXHIBIT	E.R.B.	J.S.
/07	ISSUED AS LEASE EXHIBIT	E.R.B.	JS
E	DESCRIPTION OF CHANGES		

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No 24GA28118200

E2PROJECT MANAGEMENT LLC

COLONY PLAZA
1200 ROUTE 40 WEST, SUITE 202
PARLIN, N.J. 07654
PHONE: (732) 890-8200
FAX: (732) 890-0808 www.E2PM.com

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREO APPURTENANT. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISPLAYED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

NEW YORK SMSA
LIMITED PARTNERSHIP

d/b/a **verizon wireless**

141 INDUSTRIAL PARKWAY
BRANCHBURG, NJ 08876

SEARCH AREA NAME:
JEFFERSON 3

CANDIDATE NAME:
PICATINNY

EXHIBIT A		DRAWING ISSUE STATUS CURRENTLY -	
		A-ISSUED AS A LEASE EXHIBIT	B
		B-(SPECIFY)	
FIRST ISSUE: 10/9/07		DRAWING NO.	
DRAWN BY: E.R.B.		LE-3	
CHECKED BY: JS		SHEET NO: 3 OF 3	
SCALE: AS SHOWN		PRINT DATE: 10/31/07	
PROJECT #: P-07-02-30		DOCUMENT NO. Verizon\JEFFERSON 3\DWGS\LE\REV B	

Attachment 3. Tribal And NHO Involvement

At an early stage in the planning process, the Nationwide Agreement requires the Applicant to gather information from appropriate Indian Tribes or Native Hawaiian Organizations (“NHOs”) to assist in the identification of historic properties of religious and cultural significance to them. Describe measures taken to identify Indian tribes and NHOs that may attach religious and cultural significance to historic properties that may be affected by the undertaking within the Areas of Potential Effects (“APE”) for direct and visual effects. If such Indian tribes or NHOs were identified, list them and provide a summary of contacts by either the FCC, the Applicant, or the Applicant’s representative. Provide copies of relevant documents, including correspondence. If no such Indian tribes or NHOs were identified, please explain.

TCNS filed on:	<u>November 13, 2007</u>	
TCNS #:	<u>33136</u>	
<u>Tribes Identified</u>	<u>Date of Follow-up Letter</u>	<u>Consultation Complete?</u>
Delaware Nation	11/19/07	yes
Shawnee Tribe	11/19/07	yes
Consultation with Federally-recognized Native American Tribes identified by the Federal Communications Commission’s Tower Construction Notification System is complete.		

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

From: towernotifyinfo@fcc.gov
Sent: Friday, November 16, 2007 12:00 AM
To: lorraine.witterlouis@e2pm.com
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER
CONSTRUCTION NOTIFICATION INFORMATION - Email ID #1698493

Dear Sir or Madam:

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 information 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).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes 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 Tribes 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 Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. NAGPRA Director Tamara Francis - Delaware Nation - Anadarko, OK - regular mail

Exclusions: The Delaware Nation located in Anadarko, Oklahoma will not review proposed collocation projects. Please do not notify the Delaware Nation of such projects.

There is a \$200 fee for the review of all projects. Send this payable to the Delaware Nation in the form of a check or money order.

All projects for review by the Delaware Nation must pay the \$200 fee.

2. THPO & Tribal Administrator Rebecca A Hawkins - Shawnee Tribe - Miami, OK - electronic mail and regular mail

Exclusions: THIS IS YOUR OFFICIAL NOTICE THAT THE SHAWNEE TRIBE IS INTERESTED IN CONSULTING ON ALL PROJECTS BUILT IN OUR AREAS OF GEOGRAPHIC INTEREST.

ATTENTION, NEW INFORMATION: Our procedures were updated on 19 July 2007. Please call Belinda Pryor at 918-542-2441 so that she can send you a copy.

If your tower is a co-location, please fax us this information to let us know. We cannot always tell from the TCNS web site that a tower is a co-location. We require a written response from you to let us know that it is a co-location. If a co-location project includes some new ground disturbance (such as from an expanded compound or access road, or construction of an ancillary structure), the Shawnee Tribe treats such a project the same as any other non co-location project.

Our correct mailing/physical address is: 29 South Highway 69A. Our correct phone number is (918-542-2441) and our historic preservation fax line is (918-542-9915). Rebecca Hawkins is the Tribe's THPO; Belinda Pryor, Assistant THPO, handles all cell tower consultation.

As of 26 June 2006, all of the faxed responses of our final comments on a tower site will contain the signature of either Assistant THPO Belinda Pryor or THPO Rebecca Hawkins. Each final comment fax is signed individually. Copies may be compared, for authentication, against the original in our files. If a final comment fax does not contain one of these two signatures, it is not valid. ALL FINAL COMMENTS FROM THE SHAWNEE TRIBE THPO ARE WRITTEN; FINAL COMMENTS ARE NEVER PROVIDED VERBALLY. IF THE SHAWNEE TRIBE IS CREDITED WITH HAVING GIVEN A VERBAL RESPONSE, THAT RESPONSE IS NOT VALID.

If you receive notification through the TCNS listing the Shawnee Tribe, that is an indication that the Shawnee Tribe is interested in consulting on the tower for which that notification was received. Please consider that our official indication of interest to you. The Shawnee Tribe considers the Tower Construction Notification System's weekly e-mail to be the first notification that we receive that a tower will be constructed in an area of our concern. We do not view the TCNS notification as completion of 106 consultation obligations.

The Shawnee Tribe has developed streamlined consultation procedures for cell tower developers and their subcontractors. If you do not have a copy of the procedures - most recently updated on 19 July November 2007 - please contact us, as you must follow these procedures to consult with us on cell tower projects. Call us at 918-542-2441 or fax us at 918-542-9915. It is the tower builder's responsibility to make sure that you have our most recent consultation procedures.

PLEASE DO NOT SEND US INFORMATION, QUERIES, OR COMMENTS ELECTRONICALLY. SINCE 1 DECEMBER 2005, WE HAVE NOT HANDLED ANY CELL TOWER CONSULTATION CORRESPONDENCE VIA E-MAIL.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower

notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information 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.

3. Vincent Maresca - New Jersey Historic Preservation Office - Trenton, NJ - electronic mail

4. Director Ruth L Pierpont - Bureau of Field Services, NY State Parks &* Hist. Pres. - Waterford, NY - electronic mail

5. Deputy SHPO Jean Cutler - Pennsylvania Historical & Museum Comm, Bureau for Historic Preservation - Harrisburg, PA - electronic mail

"Exclusions" above set forth language provided by the Tribe, NHO, or SHPO. These exclusions may indicate types of tower notifications that the Tribe, NHO, or SHPO does not wish to review. TCNS automatically forwards all notifications to all Tribes, NHOs, and SHPOs that have an expressed interest in the geographic area of a proposal, as well as Tribes and NHOs that have not limited their geographic areas of interest. However, if a proposal falls within a designated exclusion, you need not expect any response and need not pursue any additional process with that Tribe, NHO, or SHPO. Exclusions may also set forth policies or procedures of a particular Tribe, NHO, or SHPO (for example, types of information that a Tribe routinely requests, or a policy that no response within 30 days indicates no interest in participating in pre-construction review).

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 11/13/2007

Notification ID: 33136

Tower Owner Individual or Entity Name: New York SMSA Limited Partnership d/b/a Verizon Wireless

Consultant Name: Lorraine WitterLouis

Street Address: 1220 Route 46 West
Suite 222

City: Parsippany

State: NEW JERSEY

Zip Code: 07054

Phone: 732-256-4070

Email: lorraine.witterlouis@e2pm.com

Structure Type: POLE - Any type of Pole

Latitude: 40 deg 57 min 0.3 sec N

Longitude: 74 deg 34 min 6.0 sec W

Location Description: Berkshire Trail, Picatinny Arsenal

City: Dover

State: NEW JERSEY

County: MORRIS

Ground Elevation: 330.4 meters

Support Structure: 45.7 meters above ground level

Overall Structure: 45.7 meters above ground level

Overall Height AMSL: 376.1 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 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



E2 Project Management LLC

The History Team

Colony Plaza, 1220 Route 46 West, Suite 222 Parsippany, New Jersey 07054
Tel. (973) 299-5200, Fax. (973) 299-5059

November 19, 2007

Ms. Belinda Pryor
The Shawnee Tribe
Historic Preservation Department
29 South Highway 69A
Miami, OK 74354

Re: Request for Review of Proposed Wireless Telecommunication Facility on Properties of Religious and Cultural Importance to the Tribe
TCNS # 33136

Dear Ms. Pryor:

New York SMSA Limited Partnership d/b/a Verizon Wireless (Verizon) is proposing to install a wireless telecommunication facility at a site called "Jefferson 3", Berkshire Trail, Picatinny Arsenal, Dover, Morris County, New Jersey

Verizon proposes to construct a 150-foot tall monopole and place support equipment in an equipment compound adjacent to the monopole. Verizon proposes to mount 12 antennas at a centerline of 148 feet above ground level. Verizon proposes to locate an 11.6-foot by 30-foot equipment cabinet near the base of the monopole. Verizon proposes to enclose the area with a 6-foot chain link fence. Access to the compound will be via a proposed 12-foot wide paved driveway.

Information regarding the proposed undertaking was posted on the FCC's Tower Construction Notification System on November 13, 2007. We are sending this follow-up letter to you, respectfully requesting your review of the proposed facility for its impact on properties of religious and cultural importance to the Tribe. The project plans and a U.S.G.S. Map with the project location identified are enclosed with this letter.

Per the requirements of the 2005 Programmatic Agreement regarding the Section 106 National Historic Preservation Act Review Process (NPA), we are required to obtain your comments or confirm your disinterest in the proposed undertaking. Please contact Suzanne Derrick at (815) 254-8204 or at suzanne.derrick@e2pm.com with any questions or comments regarding the proposed facility.

Thank you for your assistance in this matter. Please do not hesitate to contact us if you have any further questions.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Suzanne B. Derrick'.

Suzanne B. Derrick
Cultural Resources Division Manager

Enclosure: Jefferson 3 Lease Exhibits, USGS map, \$50 Tribal Consultation Fee
Project file: E2PM #H-07-01-117



SHAWNEE TRIBE
HISTORIC PRESERVATION DEPARTMENT
29 SOUTH HIGHWAY 69A
MIAMI, OKLAHOMA 74354
918 ^ 542 ^ 2441 PHONE 918 ^ 542 ^ 9915 FAX

RECEIVED
2/22/08

FACSIMILE COVER PAGE

TO: Lorraine FROM: RH

FIRM/AGENCY: EL DATE/TIME: 2/22/08

FAX NUMBER: 973-299-5059 NO. OF PAGES, INCLUDING COVER: _____

PHONE NUMBER: _____ MEMO: 26151-33136

Message: The Shawnee Tribe's Tribal Historic Preservation Officer concurs that no known historic properties will be negatively impacted by construction of this tower site (see memo line above for TCNS number/s). The Shawnee Tribe's archives do not reveal any issues of concern at this tower location. In the event that archaeological materials are encountered later during construction, use, or maintenance of this tower location, please re-notify us at that time as we would like to resume consultation under such a circumstance.

The Shawnee Tribe's Environmental and Natural Resources Department takes this opportunity to express its concerns that telecommunication towers can have a potentially destructive impact on bats and migratory birds, particularly those that migrate at night, including species listed as threatened and endangered by both states and the federal government, as well as other species. The Shawnee Tribe suggests that this tower be constructed in accordance with the guidelines available from the US Fish and Wildlife Service to reduce the adverse effects of telecommunications towers on migratory birds; these guidelines may be found at: www.fws.gov/migratorybirds/issues/towers/comtow.html.

The Shawnee Tribe's Environmental and Natural Resources Department is further concerned that the proliferation of cell towers may play a role in honey bee Colony Collapse Disorder. We acknowledge that cell phone technology may not be to blame, as other potential causative factors for the decline have been noted, such as insecticides, tracheal and varroa mites [an immunosuppressant], other parasites, pesticides used on hives to eliminate parasites, genetically modified plants, *Nosema* fungus, Israeli Acute Paralysis Virus (IAPV) perhaps introduced from Australia in 2004, Kashmir Bee Virus [KBV], climate change, and drought.

While one or a constellation of these factors may be causative, it is undeniable that the evidence suggests as much of a behavioral as a pathogenic origin for Colony Collapse Disorder. On March 29th, 2007, Diana Cox-Foster, Pennsylvania State University, testified about Colony Collapse Disorder before the House Subcommittee on Horticulture and Organic Agriculture. According to May Berenbaum, a member of Cox-Foster's working team and an insect ecologist at the University of Illinois (Urbana-Champaign), "The main hypotheses are based on the interpretation that the disappearances represent disruptions in orientation behavior and navigation". One study at the Koblenz-Landau University, Germany, may suggest that electromagnetic emissions from cell phones could possibly cause such a disruption in the navigation systems of bees, preventing them from being able to return to their hives. This study is by no means conclusive. However, Departmental staff will continue to assess the potential role in Colony Collapse Disorder of such electromagnetic emissions and would strongly urge the cell tower industry to do the same.

Finally, the Shawnee Tribe's Environmental and Natural Resources Department requests that cell tower sites, whenever remotely feasible, be restored to native vegetation. In all cases, habitat restoration can protect a variety of species, even in small project areas. The large number of cell tower sites provides an as yet unrealized opportunity for region-wide habitat restoration. The Tribe urges the cell phone industry to provide a model for native habitat restoration for other industries.

Please do not hesitate to call us for additional comment.

Bechinda Payer



E2 Project Management LLC

The History Team

Colony Plaza, 1220 Route 46 West, Suite 222 Parsippany, New Jersey 07054
Tel. (973) 299-5200, Fax. (973) 299-5059

November 19, 2007

Ms Tamara Frances, THPO
The Delaware Nation
2 ½ Miles North of Anadarko on Highway 281
Anadarko, OK 73005

Re: Request for Review of Proposed Wireless Telecommunication Facility on Properties of Religious and Cultural Importance to the Tribe
TCNS # 33136

Dear Ms. Frances:

New York SMSA Limited Partnership d/b/a Verizon Wireless (Verizon) is proposing to install a wireless telecommunication facility at a site called "Jefferson 3", Berkshire Trail, Picatinny Arsenal, Dover, Morris County, New Jersey

Verizon proposes to construct a 150-foot tall monopole and place support equipment in an equipment compound adjacent to the monopole. Verizon proposes to mount 12 antennas at a centerline of 148 feet above ground level. Verizon proposes to locate an 11.6-foot by 30-foot equipment cabinet near the base of the monopole. Verizon proposes to enclose the area with a 6-foot chain link fence. Access to the compound will be via a proposed 12-foot wide paved driveway.

Information regarding the proposed undertaking was posted on the FCC's Tower Construction Notification System on November 13, 2007. We are sending this follow-up letter to you, respectfully requesting your review of the proposed facility for its impact on properties of religious and cultural importance to the Tribe. The project plans and a U.S.G.S. Map with the project location identified are enclosed with this letter.

Per the requirements of the 2005 Programmatic Agreement regarding the Section 106 National Historic Preservation Act Review Process (NPA), we are required to obtain your comments or confirm your disinterest in the proposed undertaking. Please contact Suzanne Derrick at (815) 254-8204 or at suzanne.derrick@e2pm.com with any questions or comments regarding the proposed facility.

Thank you for your assistance in this matter. Please do not hesitate to contact us if you have any further questions.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Suzanne B. Derrick'.

Suzanne B. Derrick
Cultural Resources Division Manager

Enclosure: Jefferson 3 Lease Exhibits, USGS map, \$200. Tribal Consultation Fee
Project file: E2PM #H-07-01-117



Delaware Nation
NAGPRA/Cultural Preservation Office
P.O. Box 825, Anadarko, OK 73005
Phone: (405) 247-2448 ~ Fax: (405) 247-9393

NAGPRA ext. 121
Section 106 ext. 147
Museum ext. 120
Library ext. 134

Date: 12/18/07

Company: E2PM

Project #: 33035, 33124, 33134
33134, 33213, 33274

County/State: New Jersey

To Whom It May Concern:

The Delaware Nation received a letter regarding the above referenced project. The Delaware Nation is committed to protecting archaeological sites that are important to tribal heritage, culture, and religion. Furthermore, the tribe is particularly concerned with archaeological sites that may contain human burial remains and associated funerary objects.

As described in your correspondence and, upon research of our database and files we find that the Lenape people occupied these areas either historically or prehistorically. However, the location of the project does not endanger known archaeological sites of interest to the Delaware Nation. Please continue with the project as planned. However, should this project inadvertently uncover an archaeological site we request that you immediately contact the appropriate state agencies, as well as the Delaware Nation. Also, we ask that you halt all construction and ground disturbing activities until the tribe and these state agencies are consulted.

Please also note that the Delaware Nation and the Stockbridge Munsee Band of Mohican Indians are the only Federally Recognized Delaware/Lenape entities in the United States. Consultation regarding inadvertent discoveries should be made only with designated Delaware Nation NAGPRA/Cultural Preservation staff of Anadarko, OK or designated Stockbridge Munsee Band of Mohican Indians staff of Wisconsin.

We appreciate your cooperation in contacting the Delaware Nation. Should you have any questions, feel free to contact me at (405) 247-2448 or by email tfreder@delaware-tribe.com.

Sincerely,

Tamara Francis
NAGPRA/Cultural Preservation Director

Attachment 4. Local Government

a. *Has any local government agency been contacted and invited to become a consulting party pursuant to Section V.A. of the Nationwide Agreement? If so, list the local government agencies contacted. Provide a summary of contacts and copies of any relevant documents (e.g., correspondence or notices).*

Verizon Wireless is working with the arsenal staff to develop this site located on United States property.

b. *If a local government agency will be contacted but has not been to date, explain why and when such contact will take place.*

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Attachment 5. Public Involvement

Describe measures taken to obtain public involvement in this project (e.g., notices, letters, or public meetings). Provide copies of relevant documentation.

A public notice describing the proposed undertaking will be posted in the local paper of record. Additionally, letters will be sent to local parties with an interest in historic preservation soliciting their input regarding the potential effects of the proposed undertaking on historic resources.

<u>Individuals/Organizations Contacted</u>	<u>Response Received?</u>
Ms. Bonnie-Lynn Nadzeika, Director Morris County Historical Society	No
Ms. Peg Shultz History Program Coordinator Morris County Heritage Commission	No
Ms. Marion Harris, Chair Morris County Trust for Historic Preservation	No

Please see the attached correspondence for details.

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Affidavit from
The Citizen
Of Morris County

STATE OF NEW JERSEY }
COUNTY OF MORRIS } ss.:

Heather Markensohn, being duly sworn according to law on her oath, deposes and says that she is a clerk employed in the office of "THE CITIZEN OF MORRIS COUNTY, a newspaper which is published in Denville, in the County of Morris, and that the notice of which the annexed is a true copy, was published in said CITIZEN OF MORRIS COUNTY newspaper on:

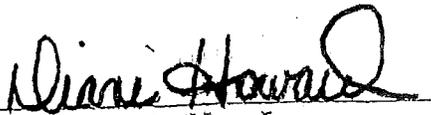
JAN 30 2008


Heather Markensohn

Sworn to and subscribed before me this

JAN 30 2008

_____ day of _____


Notary Public, New Jersey

DIANE HOWARD
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES APRIL 23, 2009

Public Notice

NEW TELECOMMUNICATIONS FACILITY
ROCKAWAY TOWNSHIP

New York SMSA Limited Partnership d/b/a Verizon Wireless is proposing to locate new wireless telecommunications facility at Berkshire Trail, Piscataway, Arsenal, Rockaway Township, Morris County, New Jersey. Verizon proposes to mount wireless equipment within a leased compound area. Twelve antennas are to be mounted at a centerline elevation of approximately 148 feet above ground level on a proposed 150 foot tall monopole, and support equipment will be placed in a proposed 11.6 foot by 30 foot equipment shelter. A cable-bridge will route coaxial cable from the proposed equipment shelter to the proposed antennas. The compound area will additionally include a proposed propane tank with an underground gas line to an emergency generator, underground utilities, meter bank, and utility extension. The compound area will be enclosed by a proposed six foot high chain link fence with gated access. Any interested party wishing to submit comments regarding the effect the proposed facility may have on any historic property may do so by sending such comments to: Suzanne Derrick, E2PM, 1220 Route 46 West, Suite 222, Parsippany, NJ 07054 or by electronic mail to: suzanne.derrick@e2pm.com, and please refer to E2PM Tracking Number H-07-01-117.

E2 PROJECT MANAGEMENT LLC
The /History Team
Colony Plaza
1220 Route 46 West
Suite 222
Parsippany, NJ 07054
(973) 299-5200
Submitted By: Lorraine Witter-Louis
01/30/T1
P.F.\$19.74



E2 Project Management LLC

The History Team

Colony Plaza, 1220 Route 46 West, Suite 222 Parsippany, New Jersey 07054
Tel. (973) 299-5200, Fax. (973) 299-5059

January 23, 2008

Ms. Bonnie-Lynn Nadzeika, Director
Morris County Historical Society
Acorn Hall
68 Morris Avenue
Morristown, NJ 07960-4212

Re: Federal Communications Commission Undertaking
Form 620
Carrier: New York SMSA Limited Partnership d/b/a
Verizon Wireless
Site Address: Berkshire Trail, Picatinny Arsenal,
Rockaway Township, Morris County, New Jersey
Site Name: Jefferson 3
Property Owner: U.S. Govt / Picatinny Arsenal

Dear Ms Nadzeika:

You have been identified as a local party interested in historic preservation. This information is being sent to you under the guidelines for consultation with the public regarding Federal undertakings provided by the New Jersey Historic Preservation Office (HPO), 36 CFR 800, and the 2005 "Nationwide Programmatic Agreement For Review Of Effects On Historic Properties For Certain Undertakings Approved By The Federal Communications Commission."

New York SMSA Limited Partnership d/b/a Verizon Wireless (Verizon) proposes to mount wireless equipment within a leased compound area. Twelve antennas are to be mounted at a centerline elevation of approximately 148 feet above ground level on a proposed 150 foot tall monopole, and support equipment will be placed in a proposed 11.6 foot by 30 foot equipment shelter. A cable-bridge will route coaxial cable from the proposed 24-foot by 30-foot equipment shelter to the proposed antennas. The compound area will additionally include a proposed propane tank with an underground gas line to an emergency generator, underground utilities, meter bank, and utility extension. The compound area will be enclosed by a proposed six foot high chain link fence with gated access. Please refer to the attached location map and lease exhibits for more details.

E 2 Project Management LLC (E2PM) has conducted background research at HPO, New Jersey State Museum, and New Jersey State Library to identify resources previously listed on or considered eligible for listing on the National Register of Historic Places, resources listed in local municipal historic surveys, known archaeological sites and archaeologically sensitive areas, and areas of potential sensitivity. E2PM will be conducting field surveys in the coming week.

If you are aware of any cultural resources of local interest or have any comments on the above referenced undertaking, please respond within 30 days of the date of this letter to the mailing address above, via phone at (267) 797-5907, or via email at donna.andrews@e2pm.com.

Thank you,

A handwritten signature in blue ink, appearing to read 'Donna', with a stylized flourish at the end.

Donna Andrews
Senior Architectural Historian



E2 Project Management LLC

The History Team

Colony Plaza, 1220 Route 46 West, Suite 222 Parsippany, New Jersey 07054
Tel. (973) 299-5200, Fax. (973) 299-5059

January 23, 2008

Ms. Peg Shultz
History Program Coordinator
Morris County Heritage Commission
P.O. Box 900
Morristown, NJ 07963-0900

Re: Federal Communications Commission Undertaking
Form 620
Carrier: New York SMSA Limited Partnership d/b/a
Verizon Wireless
Site Address: Berkshire Trail, Picatinny Arsenal,
Rockaway Township, Morris County, New Jersey
Site Name: Jefferson 3
Property Owner: U.S. Govt./Picatinny Arsenal

Dear Ms Shultz:

You have been identified as a local party interested in historic preservation. This information is being sent to you under the guidelines for consultation with the public regarding Federal undertakings provided by the New Jersey Historic Preservation Office (HPO), 36 CFR 800, and the 2005 "Nationwide Programmatic Agreement For Review Of Effects On Historic Properties For Certain Undertakings Approved By The Federal Communications Commission."

New York SMSA Limited Partnership d/b/a Verizon Wireless (Verizon) proposes to mount wireless equipment within a leased compound area. Twelve antennas are to be mounted at a centerline elevation of approximately 148 feet above ground level on a proposed 150 foot tall monopole, and support equipment will be placed in a proposed 11.6 foot by 30 foot equipment shelter. A cable-bridge will route coaxial cable from the proposed 24-foot by 30-foot equipment shelter to the proposed antennas. The compound area will additionally include a proposed propane tank with an underground gas line to an emergency generator, underground utilities, meter bank, and utility extension. The compound area will be enclosed by a proposed six foot high chain link fence with gated access. Please refer to the attached location map and lease exhibits for more details.

E 2 Project Management LLC (E2PM) has conducted background research at HPO, New Jersey State Museum, and New Jersey State Library to identify resources previously listed on or considered eligible for listing on the National Register of Historic Places, resources listed in local municipal historic surveys, known archaeological sites and archaeologically sensitive areas, and areas of potential sensitivity. E2PM will be conducting field surveys in the coming week.

If you are aware of any cultural resources of local interest or have any comments on the above referenced undertaking, please respond within 30 days of the date of this letter to the mailing address above, via phone at (267) 797-5907, or via email at donna.andrews@e2pm.com.

Thank you,

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Donna Andrews
Senior Architectural Historian



E2 Project Management LLC

The History Team

Colony Plaza, 1220 Route 46 West, Suite 222 Parsippany, New Jersey 07054
Tel. (973) 299-5200, Fax. (973) 299-5059

January 23, 2008

Ms. Marion Harris, Chair
Morris County Trust for Historic Preservation
14 Oak Street
Morristown, NJ 07960

Re: Federal Communications Commission Undertaking
Form 620
Carrier: New York SMSA Limited Partnership d/b/a
Verizon Wireless
Site Address: Berkshire Trail, Picatinny Arsenal,
Rockaway Township, Morris County, New Jersey
Site Name: Jefferson 3
Property Owner: U.S. Govt./Picatinny Arsenal

Dear Ms. Harris:

You have been identified as a local party interested in historic preservation. This information is being sent to you under the guidelines for consultation with the public regarding Federal undertakings provided by the New Jersey Historic Preservation Office (HPO), 36 CFR 800, and the 2005 "Nationwide Programmatic Agreement For Review Of Effects On Historic Properties For Certain Undertakings Approved By The Federal Communications Commission."

New York SMSA Limited Partnership d/b/a Verizon Wireless (Verizon) proposes to mount wireless equipment within a leased compound area. Twelve antennas are to be mounted at a centerline elevation of approximately 148 feet above ground level on a proposed 150 foot tall monopole, and support equipment will be placed in a proposed 11.6 foot by 30 foot equipment shelter. A cable-bridge will route coaxial cable from the proposed 24-foot by 30-foot equipment shelter to the proposed antennas. The compound area will additionally include a proposed propane tank with an underground gas line to an emergency generator, underground utilities, meter bank, and utility extension. The compound area will be enclosed by a proposed six foot high chain link fence with gated access. Please refer to the attached location map and lease exhibits for more details.

E 2 Project Management LLC (E2PM) has conducted background research at HPO, New Jersey State Museum, and New Jersey State Library to identify resources previously listed on or considered eligible for listing on the National Register of Historic Places, resources listed in local municipal historic surveys, known archaeological sites and archaeologically sensitive areas, and areas of potential sensitivity. E2PM will be conducting field surveys in the coming week.

If you are aware of any cultural resources of local interest or have any comments on the above referenced undertaking, please respond within 30 days of the date of this letter to the mailing address above, via phone at (267) 797-5907, or via email at donna.andrews@e2pm.com.

Thank you,

A handwritten signature in blue ink, appearing to read 'Donna', with a stylized flourish at the end.

Donna Andrews
Senior Architectural Historian

Attachment 6. Additional Consulting Parties

List additional consulting parties that were invited to participate by the Applicant, or independently requested to participate. Provide any relevant correspondence or other documents.

No additional consulting parties were identified.

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Attachment 7. Areas Of Potential Effects

The Area of Potential Effects (APE) is defined in the 2005 “Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission” as “the geographic area or areas within which an Undertaking may directly or indirectly cause alterations in the character or use of Historic Properties.”

a. Describe the APE for direct effects and explain how this APE was determined.

The APE for Direct Effects encompasses the area that will be directly affected by the installation of the proposed wireless telecommunications facility.

The APE for Direct Effects includes the subject property, the Picatinny Arsenal. Please refer to the lease exhibits appended to Attachment 2.

b. Describe the APE for visual effects and explain how this APE was determined.

The APE for Indirect or Visual Effects encompasses the area from which the proposed wireless telecommunications facility will be visible.

The APE for Indirect Effects was determined through the use of computer generated viewshed mapping and a pedestrian survey. The surrounding area is characterized by mature vegetation, hilly terrain, and development associated with the military installation. The proposed monopole will be visible from portions of Reilly Road, Phipps Road, Farley Avenue, 1st Street, 4th Street, 3rd Avenue, 4th Avenue, Ramsey Avenue, and from a portion of the southeastern part of Picatinny Lake and surrounding area. The southern extent of the APE is 1st Street. Please refer to Figure 2 in Attachment 12.

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Attachment 8. Historic Properties Identified In The APE For Visual Effects

a. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for visual effects that is listed in the National Register, has been formally determined eligible for listing by the Keeper of the National Register, or is identified as considered eligible for listing in the records of the SHPO/THPO, pursuant to Section VI.D.1.a. of the Nationwide Agreement. Section VI.D.1.a. of the Nationwide Agreement requires the Applicant to review publicly available records to identify within the APE for visual 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 National 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.

Property: Picatinny Arsenal Administration and Research District	Address: Buffington & Parker Rds, Joyces Ln Municipality: Rockaway Township State: NJ Zip: 07806
<input type="checkbox"/> National Register <input type="checkbox"/> Determination of Eligibility <input checked="" type="checkbox"/> SHPO Opinion (7/2/99) <input type="checkbox"/> In process of being nominated	Distance/Direction from Proposed Tower: 3250'/Southeast

There is one previously identified resource included in the ½ mile search radius that is not included in the APE. The Picatinny Arsenal 600 Ordinance Testing Area District (SHPO Opinion 7/2/99) is located approximately 2500 feet east of the proposed monopole but due to intervening vegetation and topographical barriers blocking the viewshed, is not included in the APE. The proposed monopole will have no effect on this resource.

In addition to listed or eligible resources, HPO requests that consultants also identify and assess effects to resources identified as eligible in local municipal surveys. There is one previously surveyed resource within the ½ mile search radius. The Picatinny Arsenal (1435-039) is the subject property. Several historic districts and individual resources have been identified on the grounds of the Picatinny Arsenal, including the Picatinny Arsenal 600 Ordinance Testing Area District (SHPO Opinion 7/2/99) on 20th Avenue, the Picatinny Arsenal Administration and Research District (SHPO Opinion 7/2/99) including buildings on Buffington Road, Joyces Lane, and Parker Road, the Picatinny Arsenal Navy Commander's Quarters (SHPO Opinion 7/2/99) on Main Road, the Picatinny Arsenal Stable (SHPO Opinion 7/2/99) on Main Road, and the Picatinny Arsenal Test Area E, Naval Air Rocket Test Station District (SHPO Opinion 7/2/99) on Snake Hill Road.

Applicant's Name: Verizon Wireless
 Project Name: Jefferson 3
 Project Number: _____

Attachment 8. Historic Properties Identified In The APE For Visual Effects Continued

b. Provide the name and address (including U.S. Postal Service ZIP Code) of each Historic Property in the APE for visual effects, not listed in Attachment 8a, identified through the comments of Indian Tribes, NHOs, local governments, or members of the public. Identify each individual or group whose comments led to the inclusion of a Historic Property in this attachment. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63).

Not Applicable.

c. For any properties listed on Attachment 8a that the Applicant considers no longer eligible for inclusion in the National Register, explain the basis for this recommendation.

Not Applicable.

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Attachment 9. Historic Properties Identified In The APE For Direct Effects

a. List all properties identified in Attachment 8a or 8b that are within the APE for direct effects.

None were identified.

b. Provide the name and address (including U.S. Postal Service ZIP Code) of each property in the APE for direct effects, not listed in Attachment 9a, that the Applicant considers to be eligible for listing in the National Register as a result of the Applicant's research. For each such property, describe how it satisfies the criteria of eligibility (36 C.F.R. Part 63). For each property that was specifically considered and determined not to be eligible, describe why it does not satisfy the criteria of eligibility.

No additional resources were identified.

c. Describe the techniques and the methodology, including any field survey, used to identify historic properties within the APE for direct effects. Pursuant to Section VI.D.2.a. of the Nationwide Agreement, Applicants shall make a reasonable and good faith effort to identify above ground and archeological historic properties, including buildings, structures, and historic districts, that lie within the APE for direct effects. Such reasonable and good faith efforts may include a field survey where appropriate. If no archeological field survey was performed, provide a report substantiating that: i) the depth of previous disturbance exceeds the proposed construction depth (excluding footings and other anchoring mechanisms) by at least 2 feet; or, ii) geomorphological evidence indicates that cultural resource-bearing soils do not occur within the project area or may occur but at depths that exceed 2 feet below the proposed construction depth. Under Section VI.D.2.d. of the Nationwide Agreement, an archeological field survey is required even if one of these conditions applies, if an Indian tribe or NHO provides evidence that supports a high probability of the presence of intact archeological Historic Properties within the APE for direct effects.

Archaeology

Environmental Setting

The project area stands at an elevation of approximately 1020 feet above sea level and is located in the Highlands Physiographic Province. The Highlands province comprises about one-eighth of the total land area of the state (900+ square miles) and includes narrow valleys with a generally northeast-southwest orientation lying between the broad, flat highlands. For the most part, the province is underlain by metamorphosed igneous and sedimentary rock of the Middle Proterozoic Age.

Prior Cultural Resource Surveys

A review of files at the New Jersey Historic Preservation Office (HPO) indicated that one

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

prior cultural resource survey that addressed archaeological resources was performed adjacent to the project area.

A phase IA cultural resource survey was previously completed for a proposed telecommunications facility 125-feet from the currently proposed location (Richard Grubb & Associates 2004). During the course of the survey, the consultants reviewed documentary evidence regarding the project area and conducted a site inspection. Because of prior disturbance at the site, its remote location, the lack of known cultural resources in the immediate vicinity and the distance from topographic indicators commonly associated with prehistoric site occurrence, the probability of encountering significant resources at the site was deemed to be low. No archaeological testing was attempted.

Known Archaeological Sites

A review of files at the New Jersey State Museum and published references indicated that there are no registered archaeological sites within the project area, but that there are six such sites within a one-mile radius.

In addition to the five sites cited in the cultural resource survey mentioned above, a twentieth century bottle/trash dump was discovered in an area just south of prehistoric site 28-Mr-278. The trash dump is registered as 28-Mr-279.

Assessment of Archaeological Sensitivity

A preliminary determination of the likelihood that significant cultural resources occur within any given area is generally based upon a review of historic and modern documentary sources and a close visual inspection of the subject parcel. Documentary sources yielded no evidence of occupation or use of the project area until the late twentieth century.

A prior phase IA cultural resource survey examined an area adjacent to the project area in advance of a proposed telecommunications facility that was not built. This survey indicated that there was a low likelihood of the occurrence of significant cultural resources within the project area. Based on the information presented in the report and limited additional documentary review, it appears that there is indeed a low probability that the project will have an adverse impact upon any historic or prehistoric archaeological resources.

Architecture

The subject property is the Picatinny Arsenal. Several historic districts and individual resources have been identified on the grounds of the Picatinny Arsenal, including the Picatinny Arsenal 600 Ordinance Testing Area District (SHPO Opinion 7/2/99) on 20th Avenue, the Picatinny Arsenal Administration and Research District (SHPO Opinion 7/2/99) including buildings on Buffington Road, Joyces Lane, and Parker Road, the Picatinny Arsenal Navy Commander's Quarters (SHPO Opinion 7/2/99) on Main Road, the Picatinny Arsenal Stable (SHPO Opinion 7/2/99) on Main Road, and the Picatinny Arsenal Test Area E, Naval Air Rocket Test Station District (SHPO Opinion 7/2/99) on Snake Hill Road.

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Attachment 10. Effects On Identified Properties

For each property identified as a Historic Property in Attachments 8 and 9:

a. *Indicate whether the Applicant believes the proposed undertaking would have a) no effect; b) no adverse effect; or, c) an adverse effect. Explain how each such assessment was made. Provide supporting documentation where necessary.*

Property: Picatinny Arsenal Administration and Research District	<input type="checkbox"/> No Effect <input checked="" type="checkbox"/> No Adverse Effect <input type="checkbox"/> Adverse Effect
Assessment of Effect: The Picatinny Arsenal Administration and Research District is eligible for listing on the National Register of Historic Places under Criteria A and C in the contexts of World War I, the inter-war years, World War II mobilization, and the Cold War. The proposed monopole will be partially visible from the Picatinny Arsenal Administration and Research District. The proposed monopole will have no effect on the resource's integrity of location, design, materials, workmanship, feeling, or association. The proposed monopole will have a minor effect on the resource's integrity of setting but the effect will not be adverse. As an operating military installation specializing in the research, development, and production of armaments, the landscape of the Picatinny Arsenal is both industrial in nature and constantly changing. The proposed monopole will be located adjacent to an existing fire tower and there are several other communications and testing towers visible from the Picatinny Arsenal Administration and Research District. The proposed monopole will not have an adverse effect on the Picatinny Arsenal Administration and Research District. The proposed monopole will not alter the characteristics of the resource that qualify it for listing on the National Register of Historic Properties nor will it diminish the resource's integrity (36 CFR 800.5.1).	

b. *Provide copies of any correspondence and summaries of any oral communications with the SHPO/THPO.*

A Section 106 Consultation for a proposed Omnipoint Communications monopole located approximately 125 feet southeast of the proposed monopole was submitted to the New Jersey Historic Preservation Office (HPO) in June 2004 (Richard Grubb & Associates, Inc.; MOR AA 534). HPO determined that the proposed monopole would have No Adverse Effect on any Historic Properties on July 1, 2004 (HPO-F2004-335). Please refer to the attached correspondence.

c. *Describe any alternatives that have been considered that might avoid, minimize, or mitigate any adverse effects. Explain the Applicant's conclusion regarding the feasibility of each alternative.*

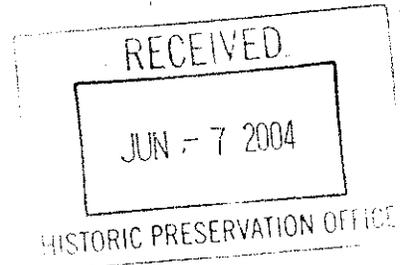
Not applicable.

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____



June 3, 2004

Mr. Daniel Saunders
Principal Historic Preservation Specialist
New Jersey Department of Environmental Protection
Historic Preservation Office
501 East State Street, 4th Floor
Trenton, New Jersey 08625-0404



04-1782-1KM
HPC-F-2004-335

Re: FCC Telecommunication Project
Omnipoint Communications, Inc.
Picatinny Arsenal
Rockaway Township
Morris County, New Jersey

Dear Mr. Saunders:

Richard Grubb & Associates, Inc., has been retained by Dewberry-Goodkind, Inc., on behalf of Omnipoint Communications, Inc. to complete Section 106 consultation for the proposed construction of wireless telecommunication facility at Picatinny Arsenal. The proposed work includes the construction of a 150-foot monopole, three equipment cabinets, a CSC telco cabinet, and a meter bank within a 50-foot by 50-foot compound, and a 20-foot by 40-foot gravel parking area across Berkshire Trail. A 6-foot chain link fence will enclose the compound. Proposed utilities will be routed overhead from an existing utility pole across Berkshire Trail. Access to the site will be via the existing Berkshire Trail. The resulting Section 106 Consultation Document is included for your review. Based on our investigations, Richard Grubb & Associates, Inc., has determined that the construction of the wireless telecommunication facility will have no adverse effect on any historic resources.

We hope that this information will enable you to review this site pursuant to *36 CFR Part 800: Protection of Historic Properties* and the regulations of the Advisory Council on Historic Preservation governing the Section 106 review process. Please provide a written determination of affect and evaluate whether further actions are warranted at the site at this time. If you require addition information, please contact our office at (609) 655-0692 x316.

Sincerely,

Suzanne B. Derrick
Architectural Historian

cc. Lorraine Pennino, Dewberry-Goodkind, Inc.

enc.

As proposed, the project will not adversely affect historic properties. Pursuant to 800.5(c), if no consulting parties object to this finding within the 30 day review period, the project may proceed, as proposed, unless resources are discovered during project implementation, pursuant to 800.13.

Dorothy P. Guzzo
Deputy State Historic Preservation Officer

7/1/04
Date

RICHARD GRUBB & ASSOCIATES, INC.
CULTURAL RESOURCE CONSULTANTS
66 NORTH MAIN STREET
CRANBURY, NEW JERSEY 08512
(609) 655-0692

Attachment 11. Photographs

Except in cases where no Historic Properties were identified within the Areas of Potential Effects, submit photographs as described below. Photographs should be in color, marked so as to identify the project, keyed to the relevant map (see Item 12 below) or text, and dated; the focal length of the lens should be noted. The source of any photograph included but not taken by the Applicant or its consultant (including copies of historic images) should be identified on the photograph.

- a. Photographs taken from the tower site showing views from the proposed location in all directions. The direction (e.g., north, south, etc.) should be indicated on each photograph, and, as a group, the photographs should present a complete (360 degree) view of the area around the proposed tower.*
- b. Photographs of all listed and eligible properties within the Areas of Potential Effects.*
- c. If any listed or eligible properties are visible from the proposed tower site, photographs looking at the tower site from each historic property. The approximate distance in feet (meters) between the site and the historic property should be included.*
- d. Aerial photos of the APE for visual effects, if available.*

<p>The subject property is an active military installation. No photographs were permitted on the subject property.</p>
--

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Attachment 11. Photographs Continued



Aerial photo showing the project location and surrounding development.

<p>E2 Project Management LLC  Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054 Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-117 Jefferson 3 Berkshire Trail Jefferson Township Morris County, New Jersey Aerial Photo: Google Earth 2007</p>
---	--

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Attachment 12. Maps

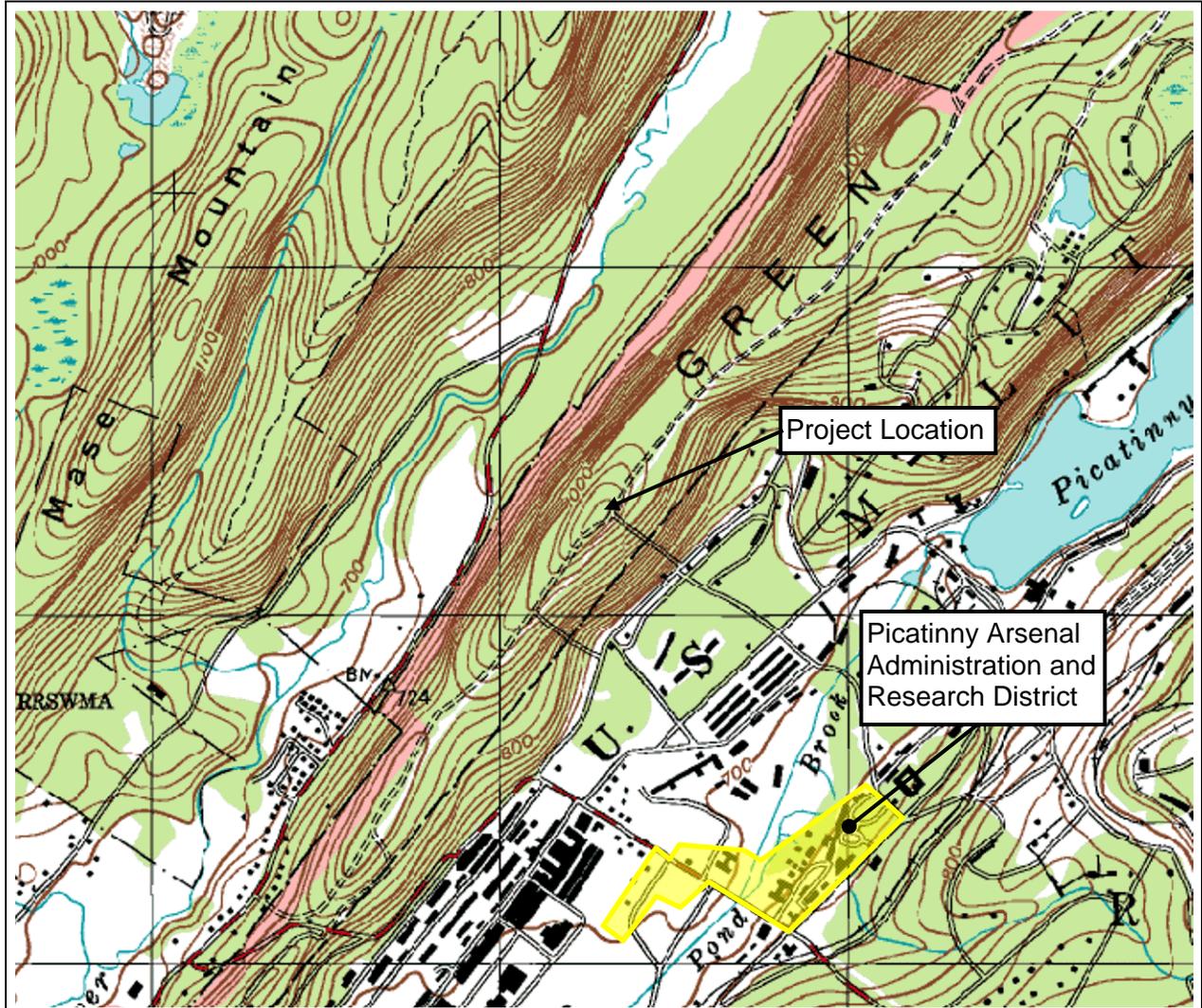
Include one or more 7.5-minute quad USGS topographical maps that:

- a.** *Identify the Areas of Potential Effects for both direct and visual effects. If a map is copied from the original, include a key with name of quad and date.*
- b.** *Show the location of the proposed tower site and any new access roads or other easements including excavations.*
- c.** *Show the locations of each property listed in Attachments 8 and 9.*
- d.** *Include keys for any symbols, colors, or other identifiers.*

Please see attached figures.

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Attachment 12. Maps Continued

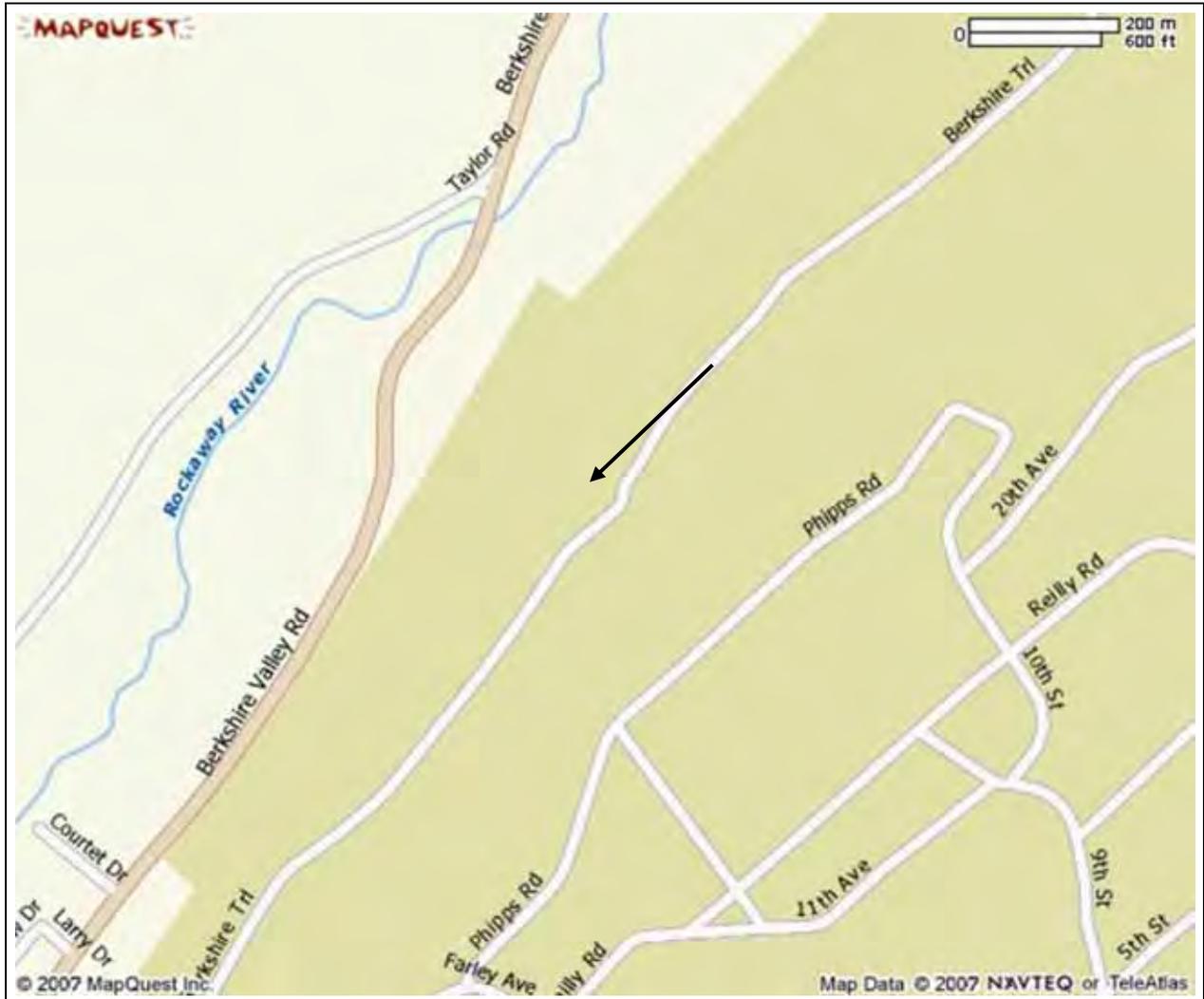


USGS Quadrangle showing the project location and location of identified resources in the APE.

<p>E2 Project Management LLC  Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054 Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-117 Jefferson 3 Berkshire Trail Jefferson Township Morris County, New Jersey Figure 1: USGS Topographic Map</p>
---	---

Applicant's Name: Verizon Wireless
 Project Name: Jefferson 3
 Project Number:

Attachment 12. Maps Continued



Road map of the project vicinity. Arrow indicates the project location.

<p>E2 Project Management LLC  Colony Plaza 1220 Route 46 Suite 222 Parsippany, NJ 07054 Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: H-07-01-117 Jefferson 3 Berkshire Trail Jefferson Township Morris County, New Jersey Figure 3: Road Map, MapQuest, Inc., 2007</p>
---	---

Applicant's Name: Verizon Wireless
 Project Name: Jefferson 3
 Project Number:

Attribution and Bibliographic Standards.

All reports included in the Submission Packet should be footnoted and contain a bibliography of the sources consulted.

a. *Footnotes may be in a form generally accepted in the preparer's profession so long as they identify the author, title, publisher, date of publication, and pages referenced for published materials. For archival materials/documents/letters, the citation should include author, date, title or description and the name of the archive or other agency holding the document.*

b. *A bibliography should be appended to each report listing the sources of information consulted in the preparation of the report. The bibliography may be in a form generally accepted in the preparer's profession.*

Acroterion. "Morris County Cultural Resources Survey." Municipal Survey prepared for the Morris County Heritage Commission, 1987. Available at the New Jersey Historic Preservation Office.

Guzzo, Dorothy. "Picatinny Arsenal Administration and Research District." SHPO Letter of Opinion, 1999. Available at the New Jersey Historic Preservation Office.

New Jersey Historic Preservation Office. Dover, NJ SR/NR and CRM Quadrangles. Accessed 9 November 2007.

Panamerican Consultants, Inc. "Definition of Historic Districts for Picatinny Arsenal, Morris County, New Jersey." Cultural Resource Investigation, 1999. Available at the New Jersey Historic Preservation Office.

Richard Grubb & Associates, Inc. "Section 106 Consultation, Omnipoint Communications, Inc., Picatinny Arsenal, Rockaway Township, Morris County, New Jersey." Section 106 Consultation, 2004. Available at the New Jersey Historic Preservation Office (MOR AA 534).

Wolfe, Peter E. *The Geology and Landscapes of New Jersey*. Crane, Russak & Company, New York, New York 1977.

Applicant's Name: Verizon Wireless
Project Name: Jefferson 3
Project Number: _____

Notification Date: 7AM EST 11/05/2009

Collocation ("CO") Submission Packet

See instructions for
public burden estimates

File Number: 0004021201

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): 0003293537
4) Name: Sprint together with Nextel

Contact Name

5) First Name: Carole	6) MI:	7) Last Name: Knarich	8) Suffix:
9) Title:			

Contact Information

10) P.O. Box:	And /Or	11) Street Address: Crossroads Corporate Center One International Boulevard, Suite 800	
12) City: Mahwah		13) State: NJ	14) Zip Code: 07495
15) Telephone Number: (201)684-4113		16) Fax Number:	
17) E-mail Address: carole.knarich@sprint.com			

Consultant Information

18) FCC Registration Number (FRN): 0016353856
19) Name: The History Team A Division of E 2 Project Management LLC

Principal Investigator

20) First Name: Joan	21) MI:	22) Last Name: Nix	23) Suffix:
24) Title: Architectural Historian			

Principal Investigator Contact Information

25) P.O. Box:	And /Or	26) Street Address: 87 Hibernia Avenue	
27) City: Rockaway		28) State: NJ	29) Zip Code: 07866
30) Telephone Number: (973)299-5200		31) Fax Number: (973)299-5059	
32) E-mail Address: lorraine.witterLouis@e2pm.com			

Professional Qualification

33) Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
34) Areas of Professional Qualification: <input type="checkbox"/> Archaeologist <input checked="" type="checkbox"/> Architectural Historian <input type="checkbox"/> Historian <input checked="" type="checkbox"/> Architect <input type="checkbox"/> Other (Specify) _____	

Additional Staff

35) Are there other staff involved who meet the Professional Qualification Standards of the Secretary of the Interior?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
--	--

If "YES," complete the following:

36) First Name: Barry	37) MI:	38) Last Name: Brady	39) Suffix:
40) Title:			
41) Areas of Professional Qualification: <input checked="" type="checkbox"/> Archaeologist <input type="checkbox"/> Architectural Historian <input type="checkbox"/> Historian <input type="checkbox"/> Architect <input type="checkbox"/> Other (Specify) _____			

36) First Name: Joan	37) MI:	38) Last Name: Nix	39) Suffix:
40) Title:			
41) Areas of Professional Qualification: <input type="checkbox"/> Archaeologist <input checked="" type="checkbox"/> Architectural Historian <input type="checkbox"/> Historian <input checked="" type="checkbox"/> Architect <input type="checkbox"/> Other (Specify) _____			

Site Information

Tower Construction Notification System

1) TCNS Notification Number: 56480

Site Information

2) Site Name: **NJ455V-B, Picatinny Arsenal**

3) Site Address: **Berkshire Trail, Picatinny Arsenal**

4) City: **Dover**

5) State: **NJ**

6) Zip Code: **07885**

7) County/Borough/Parish: **MORRIS**

8) Nearest Crossroads: **Bershire Valley Road & Courtet Drive**

9) NAD 83 Latitude (DD-MM-SS.S): **40-57-00.3** () N or () S

10) NAD 83 Longitude (DD-MM-SS.S): **074-34-05.9** () E or () W

Collocation Information

11) Antennas will be located on (Select One):

() Communications Tower (Select One): () Guyed Lattice Tower () Self-supporting Lattice () Monopole

() Other (Describe): _____

() Non-Tower Structure (Describe Structure):

12) Tower height above ground level (including top-mounted attachments such as lightning rods): 45.7 () Feet () Meters

13) Description of Antennas to be collocated (e.g. number, type, shape, dimensions, color):

Sprint will collocate 12 antennas at elevation of 138' [CL] AGL on the existing Verizon Wireless's 150' monopole.

14) Will the Antennas be placed at multiple levels on the structure?

() Yes () No

If "Yes", describe placement:

If "No", specify the height of collocation above ground: 150.0 () Feet () Meters

15) Structure Completion Year: 2008 (YYYY)

() Check here if your year provided is approximate.

16) Has the Communications Tower or Non-Tower Structure been the subject of SHPO/THPO review?

() Yes () No

If "Yes", specify the following:

Company that made the submission: _____

Date submitted: _____ SHPO/THPO Reference Number: _____

17) Is the Communications Tower or Non-Tower Structure eligible for listing on the National Register?

() Yes () No

Collocation Status

18) Current Collocation Status (Select One):

- Construction and/or installation has not yet commenced
 - Construction and/or installation has commenced, but is not completed
- Construction and/or installation commenced on: _____
- Construction has been completed

Construction and/or installation commenced on: _____ Construction and/or installation completed on: _____

Determination of Effect

19) Direct Effects (Select One):

- 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

20) Visual Effects (Select One):

- No Historic Properties in Area of Potential Effects (APE)
- No Effect on Historic Properties in APE
- No Adverse Effect on Historic Properties in APE
- Adverse Effect on one or more Historic Properties in APE

Tribal/NHO Involvement

1) Have Indian Tribes or Native Hawaiian Organizations (NHOs) been identified that may attach religious and cultural significance to historic properties which may be affected by the undertaking within the APEs for direct and visual effects?	(<input checked="" type="checkbox"/>) <u>Yes</u> (<input type="checkbox"/>) <u>No</u>
2a) Tribes/NHOs contacted through TCNS Notification Number: <u>56480</u>	Number of Tribes/NHOs: <u>2</u>
2b) Tribes/NHOs contacted through an alternate system:	Number of Tribes/NHOs: <u>0</u>

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Delaware Nation

Contact Name

5) First Name: Tamara	6) MI:	7) Last Name: Francis	8) Suffix:
9) Title: NAGPRA/CP Director			

Dates & Response

10) Date Contacted <u>10/01/2009</u>	11) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) Replied/Other	

Tribal/NHO Contacted Through TCNS

3) Tribe/NHO FRN:
4) Tribe/NHO Name: Shawnee Tribe

Contact Name

5) First Name: Kim	6) MI:	7) Last Name: Jumper	8) Suffix:
9) Title: THPO			

Dates & Response

10) Date Contacted <u>10/01/2009</u>	11) Date Replied <u>10/05/2009</u>
(<input type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input checked="" type="checkbox"/>) 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?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
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?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
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.	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o

Historic Property

4) Property Name: Picatinny Arsenal Administration & Research District
5) SHPO Site Number:

Property Address

6) Street Address: Picatinny Arsenal		
7) City: Jefferson Township	8) State: NJ	9) Zip Code: 07885
10) County/Borough/Parish: MORRIS		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
12) Is this property eligible for listing on the National Register? Source: SHPO Opinion - 7/2/1999	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
13) Is this property a National Historic Landmark?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o

14) Direct Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input checked="" type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input type="checkbox"/> No Effect on this Historic Property in APE <input checked="" type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

Historic Properties

Properties Identified

1) Have any historic properties been identified within the APEs for direct and visual effect?	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
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?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
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.	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o

Historic Property

4) Property Name: The Picatinny Arsenal 600 Ordinance Testing Area
5) SHPO Site Number:

Property Address

6) Street Address: Picatinny Arsenal		
7) City: Jefferson Township	8) State: NJ	9) Zip Code: 07885
10) County/Borough/Parish: MORRIS		

Status & Eligibility

11) Is this property listed on the National Register? Source: _____	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o
12) Is this property eligible for listing on the National Register? Source: SHPO Opinion- 7/2/1999	(<input checked="" type="checkbox"/>) <u>Y</u> es () <u>N</u> o
13) Is this property a National Historic Landmark?	() <u>Y</u> es (<input checked="" type="checkbox"/>) <u>N</u> o

14) Direct Effects (Select One): <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE
15) Visual Effects (Select One): <input checked="" type="checkbox"/> No Effect on this Historic Property in APE <input type="checkbox"/> No Adverse Effect on this Historic Property in APE <input type="checkbox"/> Adverse Effect on this Historic Property in APE

Local Government Involvement

Local Government Agency

1) FCC Registration Number (FRN):

2) Name: **Morris County Trust For Historic Preservation**

Contact Name

3) First Name: **Marion**

4) MI:

5) Last Name: **Harris**

6) Suffix:

7) Title:

Contact Information

8) P.O. Box:

And
/Or

9) Street Address: **14 Oak Street**

10) City: **Morristown**

11) State: **NJ**

12) Zip Code: **07960**

13) Telephone Number: **(973)267-4717**

14) Fax Number:

15) E-mail Address: **unknown@unknown.com**

16) Preferred means of communication:

() E-mail

() Letter

() Both

Dates & Response

17) Date Contacted **10/07/2009**

18) Date Replied _____

() 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?	(<input checked="" type="checkbox"/>) <u>Yes</u> (<input type="checkbox"/>) <u>No</u>
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name: Morris County Historical Society

Contact Name

4) First Name: Bonnie-Lynn	5) MI:	6) Last Name: Nadzeika	7) Suffix:
8) Title: Director			

Contact Information

9) P.O. Box:	And /Or	10) Street Address: 68 Morris Avenue Acorn Hall
11) City: Morristown	12) State: NJ	13) Zip Code: 07960
14) Telephone Number: (973)267-3465	15) Fax Number:	
16) E-mail Address: acornhall@juno.com		
17) Preferred means of communication: (<input type="checkbox"/>) E-mail (<input checked="" type="checkbox"/>) Letter (<input type="checkbox"/>) Both		

Dates & Response

18) Date Contacted 10/07/2009	19) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) Replied/Other	

Additional Information

20) Information on other consulting parties' 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?	(<input checked="" type="checkbox"/>) <u>Yes</u> (<input type="checkbox"/>) <u>No</u>
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name: Morris County Heritage Commission

Contact Name

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

Contact Information

9) P.O. Box: P.O. Box 900	And /Or	10) Street Address:		
11) City: Morristown		12) State: NJ	13) Zip Code: 07963	
14) Telephone Number: (973)829-8117		15) Fax Number:		
16) E-mail Address: unknown@unknown.com				
17) Preferred means of communication: (<input type="checkbox"/>) E-mail (<input checked="" type="checkbox"/>) Letter (<input type="checkbox"/>) Both				

Dates & Response

18) Date Contacted 10/07/2009	19) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) Replied/Other	

Additional Information

20) Information on other consulting parties' 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?	(<input checked="" type="checkbox"/>) <u>Yes</u> (<input type="checkbox"/>) <u>No</u>
--	---

Consulting Party

2) FCC Registration Number (FRN):
3) Name: Jefferson Township Historical Society

Contact Name

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

Contact Information

9) P.O. Box:	And /Or	10) Street Address: 152 Dover-Milton Road
11) City: Oak Ridge	12) State: NJ	13) Zip Code: 07438
14) Telephone Number: (973)697-0258	15) Fax Number:	
16) E-mail Address: info@jthistoricalsociety.org		
17) Preferred means of communication: (<input type="checkbox"/>) E-mail (<input checked="" type="checkbox"/>) Letter (<input type="checkbox"/>) Both		

Dates & Response

18) Date Contacted 10/07/2009	19) Date Replied _____
(<input checked="" type="checkbox"/>) No Reply	
(<input type="checkbox"/>) Replied/No Interest	
(<input type="checkbox"/>) Replied/Have Interest	
(<input type="checkbox"/>) 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/collocation.

SHPO/THPO

Name: NJ Historic Preservation Ofc (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 621 Submission Packet and the accompanying attachments are true, correct, and complete.

Party Authorized to Sign

First Name: **Joan**

MI:

Last Name: **Nix**

Suffix:

Signature: **Joan Nix**

Date: **11/04/2009**

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).

Attachments :

Type	Description	Date Entered
Resumes/Vitae	Barry Brady's C.V.	11/03/2009
Resumes/Vitae	Joan Nix's C.V.	11/03/2009
Additional Site Information	Lease Exhibits	11/03/2009
Maps	USGS (APE) Maps	11/03/2009
Maps	Road Map	11/03/2009
Maps	Historic Maps	11/03/2009
Photographs	Aerial photograph	11/03/2009
Photographs	Detailed Aerial Photograph	11/03/2009
Photographs	Direct Effect Photographs	11/03/2009
Photographs	Visual Effect s photo location map	11/03/2009
Photographs	Visual Effects photographs	11/03/2009
Area of Potential Effects	Area of Potential Effects	11/03/2009
Tribal/NHO Involvement	Native American Consultation	11/03/2009
Historic Properties for Direct Effects	Direct Effects Historic Properties	11/03/2009
Historic Properties for Visual Effects	Visual Effects Historic Properties	11/03/2009
Local Government Involvement	Local Government	11/03/2009
Public Involvement	Legal Notice/Interested Parties letters	11/03/2009
Other	Bibliography	11/03/2009

Barry J. Brady, PhD. E2 Project Management, LLC

Senior Archaeologist

EDUCATION/SPECIAL TRAINING

University of Pennsylvania, Philadelphia, PA
Ph.D. in Classical Archaeology, 1977

Fairfield University, Fairfield, CT
B.A. in Classics, 1970

QUALIFICATIONS

Dr. Brady has over thirty-four years of experience in the cultural resource management field. His experience includes all phases of archaeological fieldwork; cleaning, processing, and cataloging artifacts in the laboratory; historic research; completing cultural resource surveys; and assessing effects. Dr. Brady also spent nearly 24 years of his career as a Planner I at the New Jersey Pinelands Commission where he was responsible for establishing and operating all phases of the Commission's cultural resource program for the 1.1 million acre Pinelands National Reserve. Dr. Brady has a working knowledge of Section 106, State and local historic preservation/archaeological survey regulations and extensive experience reviewing such projects.

RELATED EXPERIENCE

Richard Grubb & Associates, Cranbury, NJ

Dr. Brady worked as a Senior Archaeologist from March 2006 through January 2007. He researched and authored a series of Phase IA cultural resource survey reports for purposes of compliance with Section 106 of the National Historic Preservation Act and applicable state regulations

New Jersey Pinelands Commission, New Lisbon, NJ 10/81-5/05

Dr. Brady worked as a Planner for the New Jersey Pinelands Commission from October 1981 until May of 2005. He was primarily responsible for the establishment of the Commission's cultural resources protection program. He wrote a comprehensive cultural resource management plan for the identification, evaluation and treatment of cultural resources in the Pinelands; the plan included detailed guidelines for the conduct of cultural resource surveys. Dr. Brady reviewed development applications including the proposed project's impact on archaeological properties. Dr. Brady worked with applicants to minimize adverse impacts.

City of Paterson, N.J

Dr. Brady worked as a Principal Archaeologist and Project Director from December 1978 until October 1981 for the City of Paterson, New Jersey. He began in 1978 as a staff archaeologist, responsible for historical research, design and implementation of a program of excavations, the supervision of lab procedures and preparation of reports. Later Dr. Brady was promoted to the Project Director and bore the responsibility for directing the archaeology team in all aspects of research and compliance with state and federal preservation law in the Great Falls/S.U.M. National Historic Landmark District, a 119 acre, 19th century mill district.

-
- English – native language
-

Architect and Architectural Historian

EDUCATION/SPECIAL TRAINING

Columbia University, New York, New York
Master of Architecture, 1983

University of Virginia, Charlottesville, VA
Bachelor of Architectural History, 1980

SEMINARS/COURSEWORK

- "Preservation in Practice: A Primer for Historic Preservation Commissions", Drew University
 - "Preservation Law Workshop", Drew University
 - "Preservation Planning in the Highlands", Drew University
 - "Understanding Cultural Resources Management", by Nancy Zerbe of ARCH2
-

QUALIFICATIONS

Architect and architectural historian with experience in alterations and renovations to historic residences, and experience in National and New Jersey Register and Section 106 review requirements.

Mrs. Nix is Vice-Chair of the Mountain Lakes Planning Board, and former chair of the Mountain Lakes Historic Preservation Committee, having chaired that committee for four years.

While chairing the Mountain Lakes Historic Preservation Committee, Mrs. Nix prepared a successful nomination for the Mountain Lakes Historic District, listed on the New Jersey and National Registers of Historic Places in 2005. She managed this project and led a team of 57 volunteers. During this time, Mrs. Nix hosted a series of public meetings to establish community support, led training sessions to teach volunteers architectural surveying, acted as primary contact with SHPO and the Borough Council, performed surveying of 1,600 structures, and presented the nomination to the State Advisory Board.

RELATED EXPERIENCE

E2 Project Management, Rockaway, NJ August 2009 to present

Mrs. Nix prepares architectural surveys, archival research and Section 106 reviews for telecommunications projects, including preparation of 620 and 621 forms.

Joan P. Nix, Architect Mountain Lakes, NJ 1989 - present

The architectural practice includes numerous renovations and additions to residences, with construction costs from \$30,000 to \$800,000. Also included were alterations and additions to some commercial buildings.

Lawrence Korinda, Boonton, NJ 1997-98

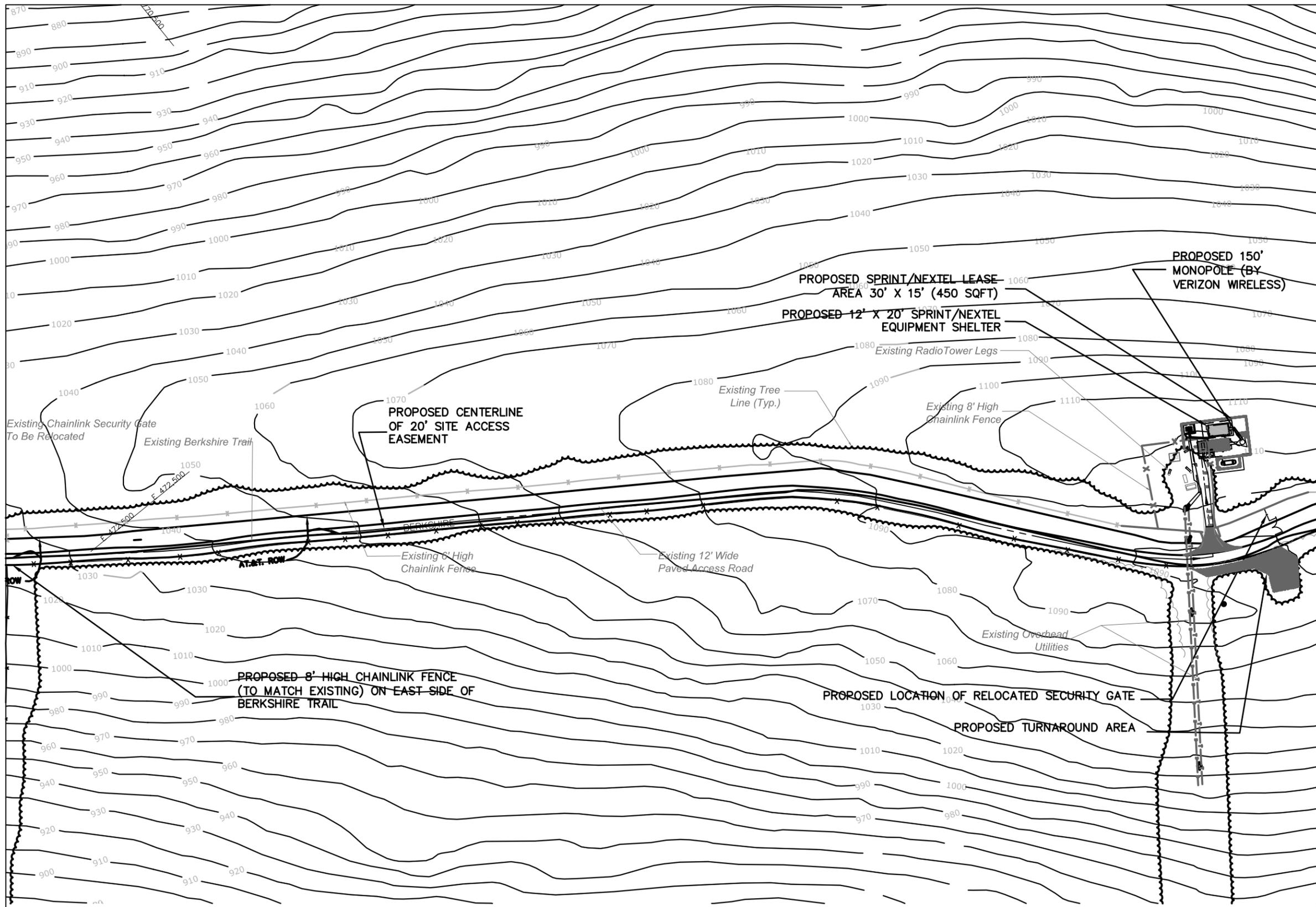
Mrs. Nix prepared design and construction documents for various residential projects including new construction, additions and renovations.

Wank, Adams, Slavin Associates, New York, NY 1983-89

Mrs. Nix served Project Architect for multiple projects including an 8.5 million dollar addition and renovation. She managed a team of six draftsmen.

LANGUAGES

- **English**



- GENERAL NOTES:**
- EXHIBIT "A" AS SUBMITTED IS A CONCEPTUAL REPRESENTATION OF THE LEASE AGREEMENT ONLY. FINAL CONSTRUCTION DRAWINGS MAY VARY TO COMPLY WITH APPLICABLE BUILDING CODES AND ZONING APPROVALS AND WILL SUPERSEDE EXHIBIT "A".
 - TRUE NORTH DETERMINATION, GROUND (AMSL) ELEVATION AND LATITUDE AND LONGITUDE COORDINATES ARE BASED ON USGS MAP INFORMATION.
 - THE LOCATION OF LESSEE'S PROPOSED UTILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE RESPECTIVE UTILITY COMPANIES AND MAY NEED TO BE RELOCATED.
 - DO NOT SCALE THIS EXHIBIT UNLESS OTHERWISE NOTED.

- SITE INFORMATION:**
- PROPERTY OWNER / LESSOR:** U.S. GOVERNMENT/PICATINNY ARSENAL DOVER, N.J. 07806
 - CONTACT:** MR. DAN GUTIERREZ (973)-724-4227
 - TOWER OWNER/LESSOR:** NEW YORK SMSA LIMITED PARTNERSHIP d/b/a VERIZON WIRELESS 141 INDUSTRIAL PARKWAY BRANCHBURG, NJ 08876
 - CONTACT:** GREG TALLUTTO (908) 256 7000
 - LESSEE:** SPRINT TOGETHER WITH NEXTEL CROSSROADS CORPORATE CENTER ONE INTERNATIONAL BOULEVARD MAHWAH, NEW JERSEY 07495
 - SITE ADDRESS:** BERKSHIRE TRAIL PICATINNY ARSENAL DOVER NEW JERSEY, 0780
 - LOT(S):** NA
BLOCK: NA
ZONE: NA
COORDINATES: LATITUDE: N 40° 57' 0.32"
LONGITUDE: W 74° 34' 5.99"
DATUM: NAD 83
 - GROUND ELEVATION:** 1108±' AMSL
DATUM: NAVD 88
 - INFORMATION SHOWN ON THIS DRAWING IS BASED ON LIMITED FIELD MEASUREMENTS TAKEN ON 3-14-09 BY E2 PROJECT MANAGEMENT LLC, ROCKAWAY, NEW JERSEY AND AVAILABLE ARIAL PHOTOGRAPHS.

LEGEND:

	Existing Conditions
	PROPOSED CONDITIONS
	PROPERTY LINE
	PROPOSED ELECTRICAL ROUTING
	PROPOSED TELEPHONE ROUTING

SCHEDULE OF REVISIONS

REV. NO.	DATE	DESCRIPTION OF CHANGES	DRAWN BY	CHK. BY
A	7/08/09	ISSUED AS LEASE EXHIBIT	JAM	JS

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200
E 2 PROJECT MANAGEMENT LLC
 87 HIBERNIA AVENUE
 ROCKAWAY, N.J. 07866
 PHONE: (973) 299-5200
 FAX: (973) 299-5059
 www.E2PM.com

E2PM

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPLICABLE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

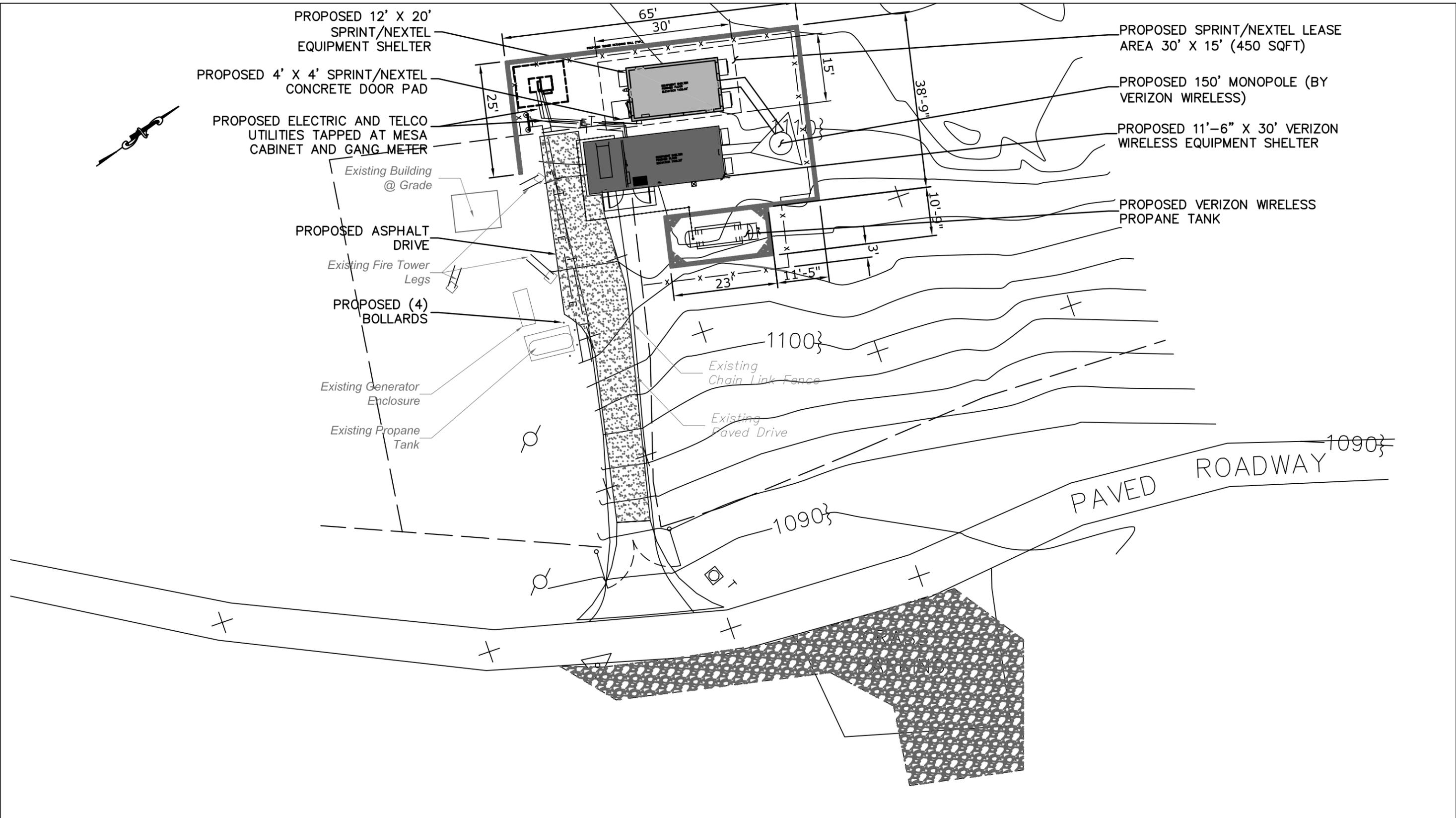
Sprint

Together with NEXTEL
 ONE INTERNATIONAL BLVD.,
 SUITE 800 MAHWAH, NJ 07495

WIRELESS COMMUNICATIONS FACILITY

EXHIBIT A

SEARCH AREA NAME: NJ455V-B PICATINNY ARSENAL	FIRST ISSUE: 7/8/09 DRAWN BY: JAM CHECKED BY: JS	DRAWING NO. LE-1
CANDIDATE NAME: PICATINNY ARSENAL	SCALE: 1"=50'	SHEET NO: 1 OF 3
DRAWING ISSUE STATUS CURRENTLY - A-ISSUED AS A LEASE EXHIBIT B-(SPECIFY)		A
PROJECT #P-09-39-001		PRINT DATE: 7/8/09
DOCUMENT NO. picatiny_arsenal\NEW SITE\drawing\LE		



SCHEDULE OF REVISIONS	
REV. NO.	DESCRIPTION OF CHANGES
A	7/8/09 ISSUED AS LEASE EXHIBIT

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200
E 2 PROJECT MANAGEMENT LLC
 87 HIBERNIA AVENUE
 ROCKAWAY, N.J. 07866
 PHONE: (973) 299-5200
 FAX: (973) 299-5059
 www.E2PM.com

E2PM

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPROPRIATE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

Sprint 

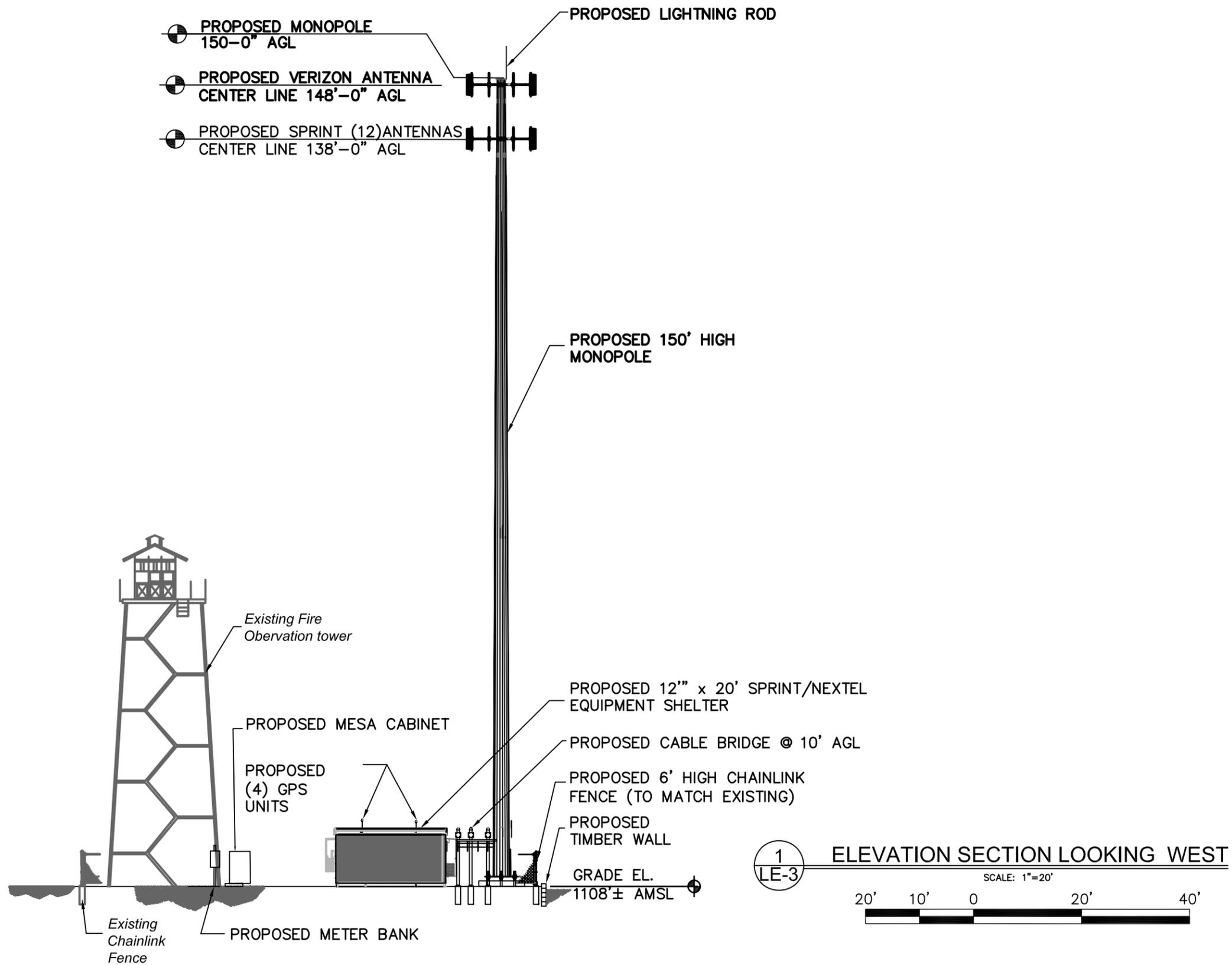
Together with NEXTEL

ONE INTERNATIONAL BLVD.,
 SUITE 800 MAHWAH, NJ 07495

WIRELESS COMMUNICATIONS FACILITY

EXHIBIT A

SEARCH AREA NAME: NJ455V-B PICATINNY ARSENAL	FIRST ISSUE: 7/8/09 DRAWN BY: JAM CHECKED BY: JS	DRAWING NO. LE-2	DRAWING ISSUE STATUS CURRENTLY - A-ISSUED AS A LEASE EXHIBIT B-(SPECIFY) _____ A
CANDIDATE NAME: PICATINNY ARSENAL	SCALE: 1"=20'	SHEET NO: 2 OF 3	PROJECT #P-07-02-132 PRINT DATE: 7/8/09
DOCUMENT NO. picatiny_arsenal\NEW SITE\drawing\LE			



1
LE-3

ELEVATION SECTION LOOKING WEST

SCALE: 1"=20'

20' 10' 0 20' 40'

SCHEDULE OF REVISIONS	
REV. NO.	DESCRIPTION OF CHANGES
A	7/08/09 ISSUED AS LEASE EXHIBIT

N.J. ENGINEERING CERTIFICATE OF AUTHORIZATION No. 24GA28118200

E 2 PROJECT MANAGEMENT LLC

87 HIBERNIA AVENUE
ROCKAWAY, N.J. 07866
PHONE: (973) 299-5200
FAX: (973) 299-5059
www.E2PM.com

E2PM

THIS DRAWING DOES NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. ALL CONSTRUCTION MUST BE DONE IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL RULES AND REGULATIONS THEREOF APPLICABLE. THIS DRAWING AND THE DESIGN FEATURES OR CONSTRUCTION DISCLOSED ARE PROPRIETARY TO E2 PROJECT MANAGEMENT LLC AND SHALL NOT BE REPRODUCED, ALTERED OR COPIED WITHOUT WRITTEN PERMISSION. SHALL NOT BE USED IN ANY MANNER DETRIMENTAL TO ITS INTEREST AND SHALL BE RETURNED UPON REQUEST.

Sprint

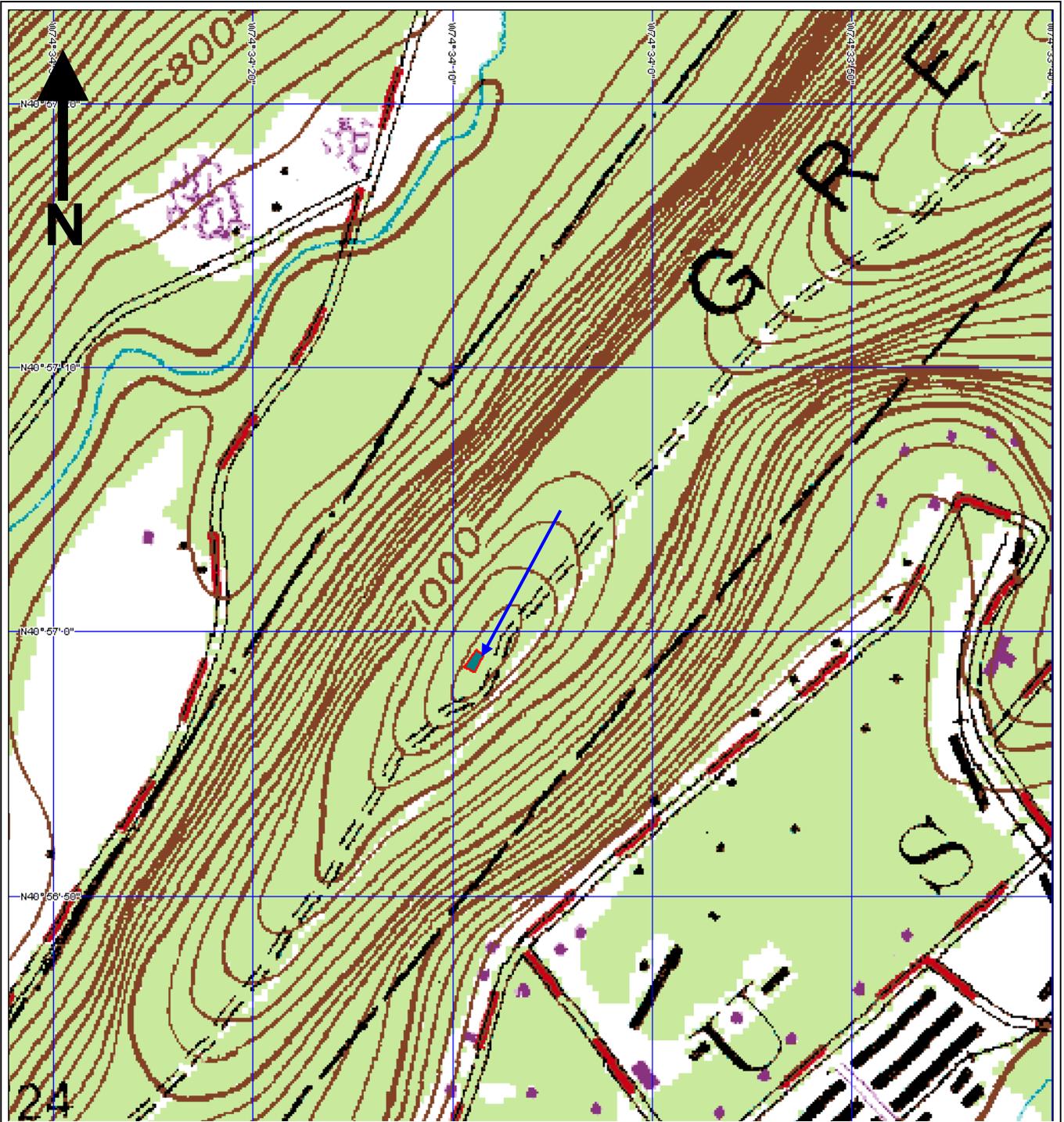
Together with NEXTEL

ONE INTERNATIONAL BLVD.,
SUITE 800 MAHWAH, NJ 07495

WIRELESS COMMUNICATIONS FACILITY

EXHIBIT A

DRAWING ISSUE STATUS CURRENTLY - A-ISSUED AS A LEASE EXHIBIT B-(SPECIFY)		A
SEARCH AREA NAME: NJ455V-B PICATINNY ARSENAL	FIRST ISSUE: 7/8/09 DRAWN BY: JAM CHECKED BY: JS	DRAWING NO. LE-3
CANDIDATE NAME: PICATINNY ARSENAL	SCALE: 1"=20'	SHEET NO: 3 OF 3
DOCUMENT NO.	PICATINNY ARSENAL\NEW SITE\drawing\LE	



USGS Quadrangle showing the location of the APE Direct Effects. The blue arrow indicates the pole location. The grey area indicates the area of APE Direct Effects.

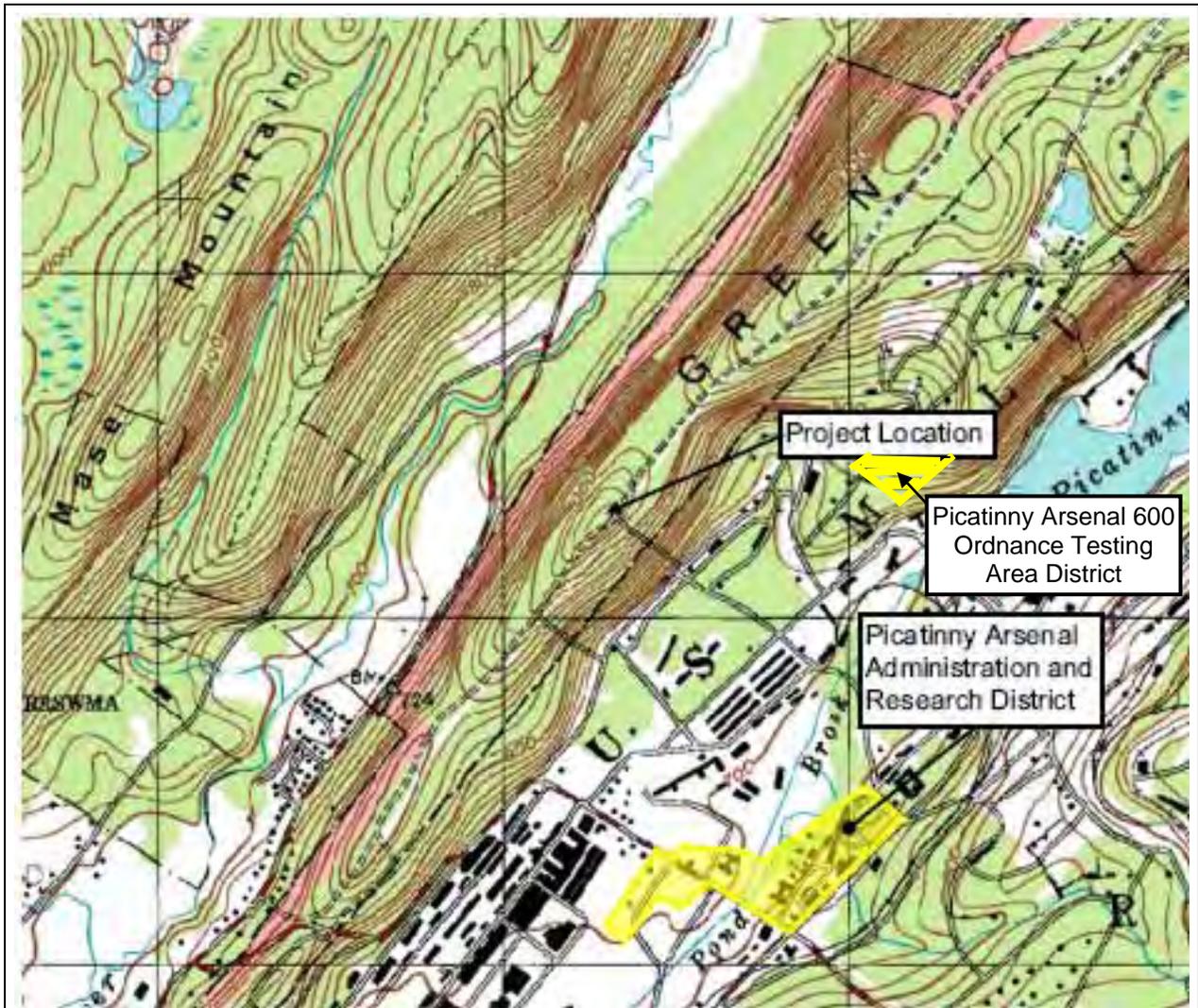


E2 Project Management LLC
 87 Hibernia Avenue
 Rockaway, NJ 07866

Phone (973) 299-5200

Fax (973) 299-5059

Project: P-09-39-01
 NJ455V Picatinny
 Berkshire Trail
 Jefferson Township
 Morris County, New Jersey
APE Map: USGS Dover quadrangle , NJ



USGS map showing location of collocation site and historic properties within one-half mile.



**E2 Project Management
LLC**

**87 Hibernia Avenue
Rockaway, NJ 07866**

Phone (973) 299-5200

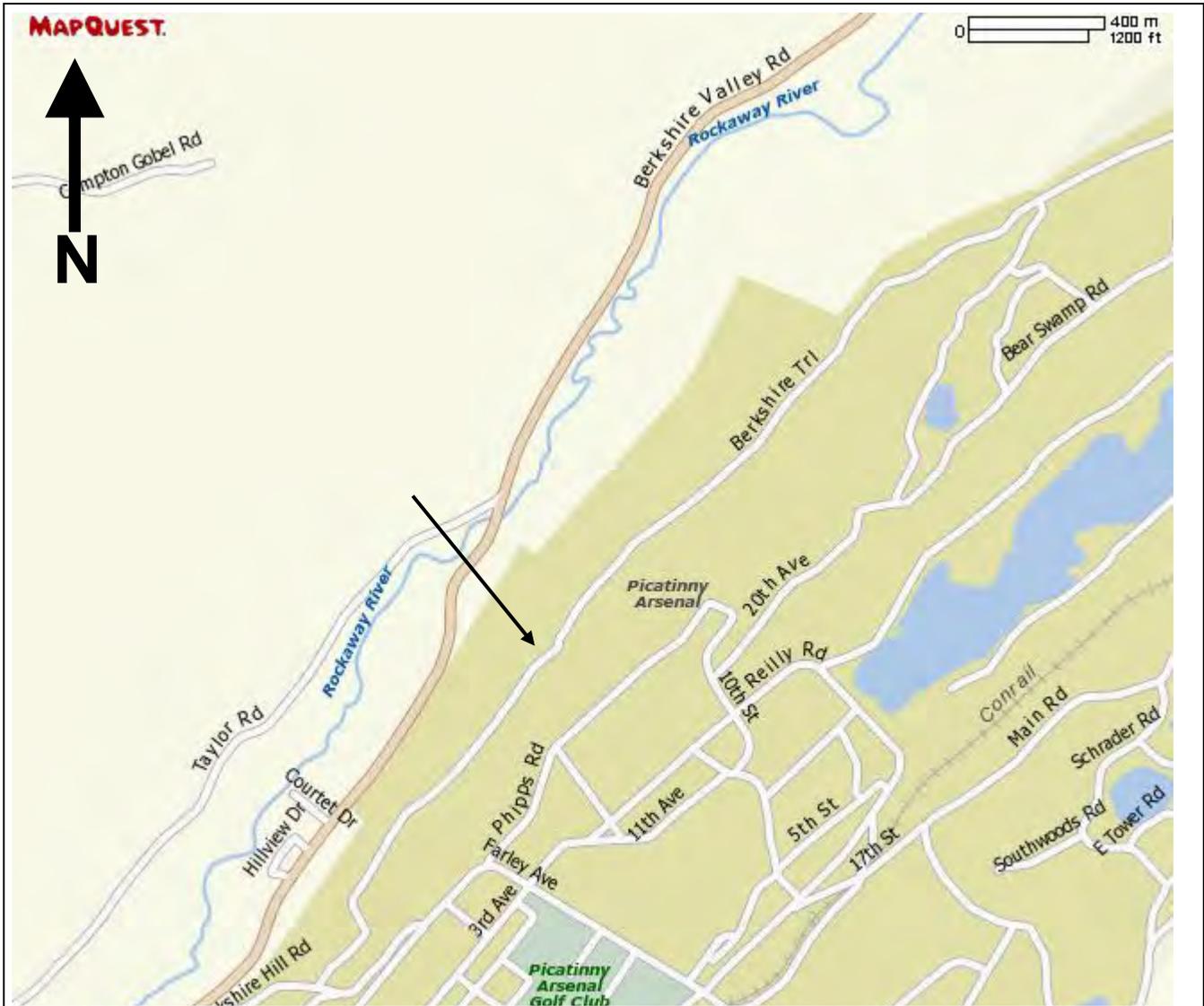
Fax (973) 299-5059

Project: P-09-39-01
 NJ455V Picatinny
 Berkshire Trail, Picatinny Arsenal
 Jefferson Township
 Morris County, New Jersey
USGS Dover quadrangle, NJ

 Sprint

 Picatinny

 NJ455V



Road map of the project vicinity. Arrow indicates project location.

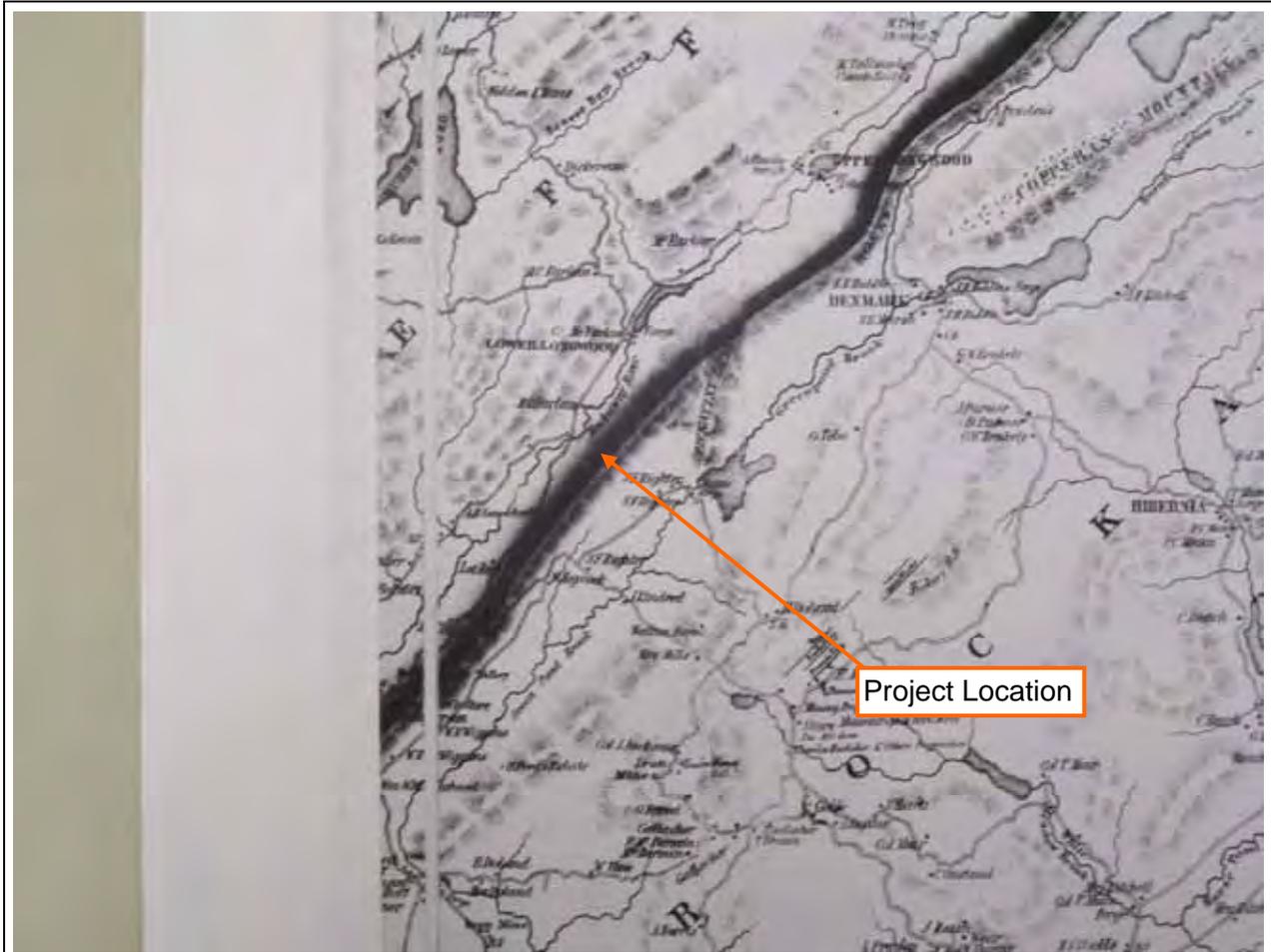


E2 Project Management LLC
 87 Hibernia Avenue
 Rockaway, NJ 07866

Phone (973) 299-5200

Fax (973) 299-5059

Project: P-09-39-01
 NJ455V Picatinny
 Berkshire Trail, Picatinny Arsenal
 Jefferson Township
 Sussex County, New Jersey
Road Map, MapQuest, Inc., 2009



The 1853 "Map of Morris County New Jersey." showing the project area.



**E2 Project Management
LLC**
87 Hibernia Avenue
Rockaway, NJ 07866

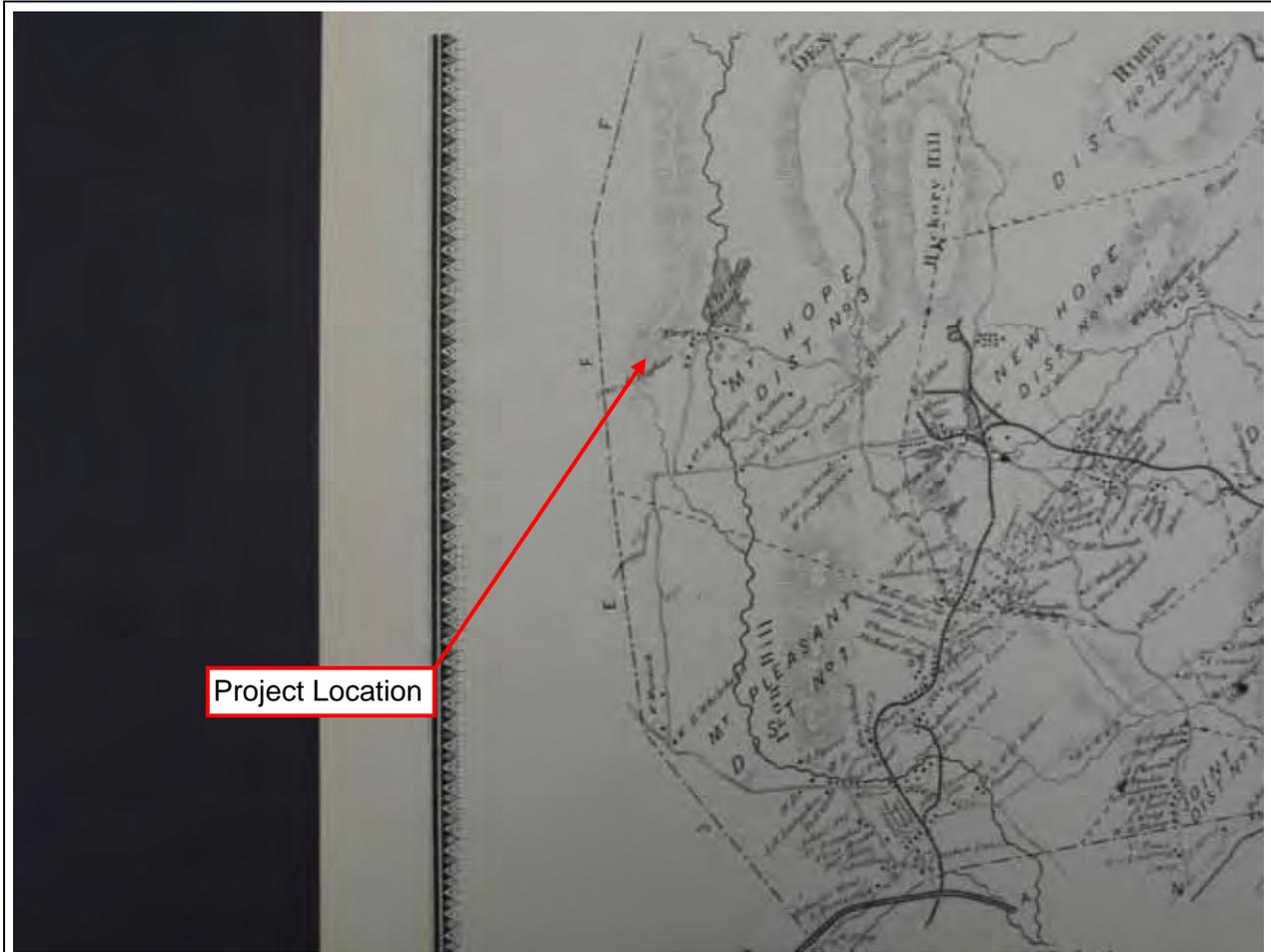
Phone (973) 299-5200 Fax (973) 299-5059

Project: P-09-39-01
NJ455V
Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson Township
Morris County, New Jersey
1853 Map of Morris County NJ

Sprint

Picatinny

NJ455V



The 1868 "Map of Morris Co. New Jersey" showing the project area.



**E2 Project Management
LLC**
87 Hibernia Avenue
Rockaway, NJ 07866

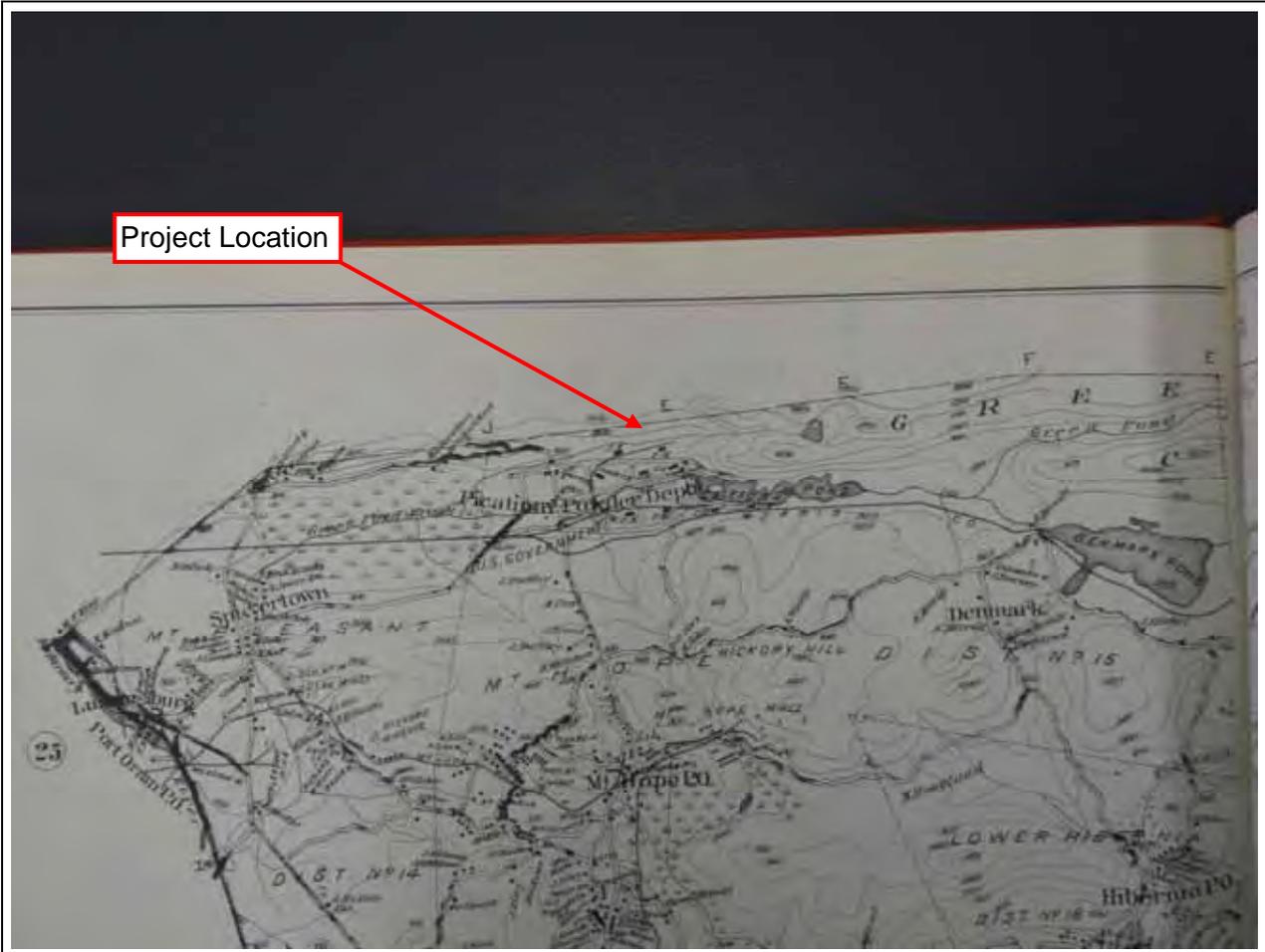
Phone (973) 299-5200 Fax (973) 299-5059

Project: P-09-39-01
NJ455V
Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson Township
Morris County, New Jersey
1868 Map of Morris County

Sprint

Picatinny

NJ455V



The 1887 "Robinson's Atlas of Morris County New Jersey." showing the project area.



**E2 Project Management
LLC**
87 Hibernia Avenue
Rockaway, NJ 07866

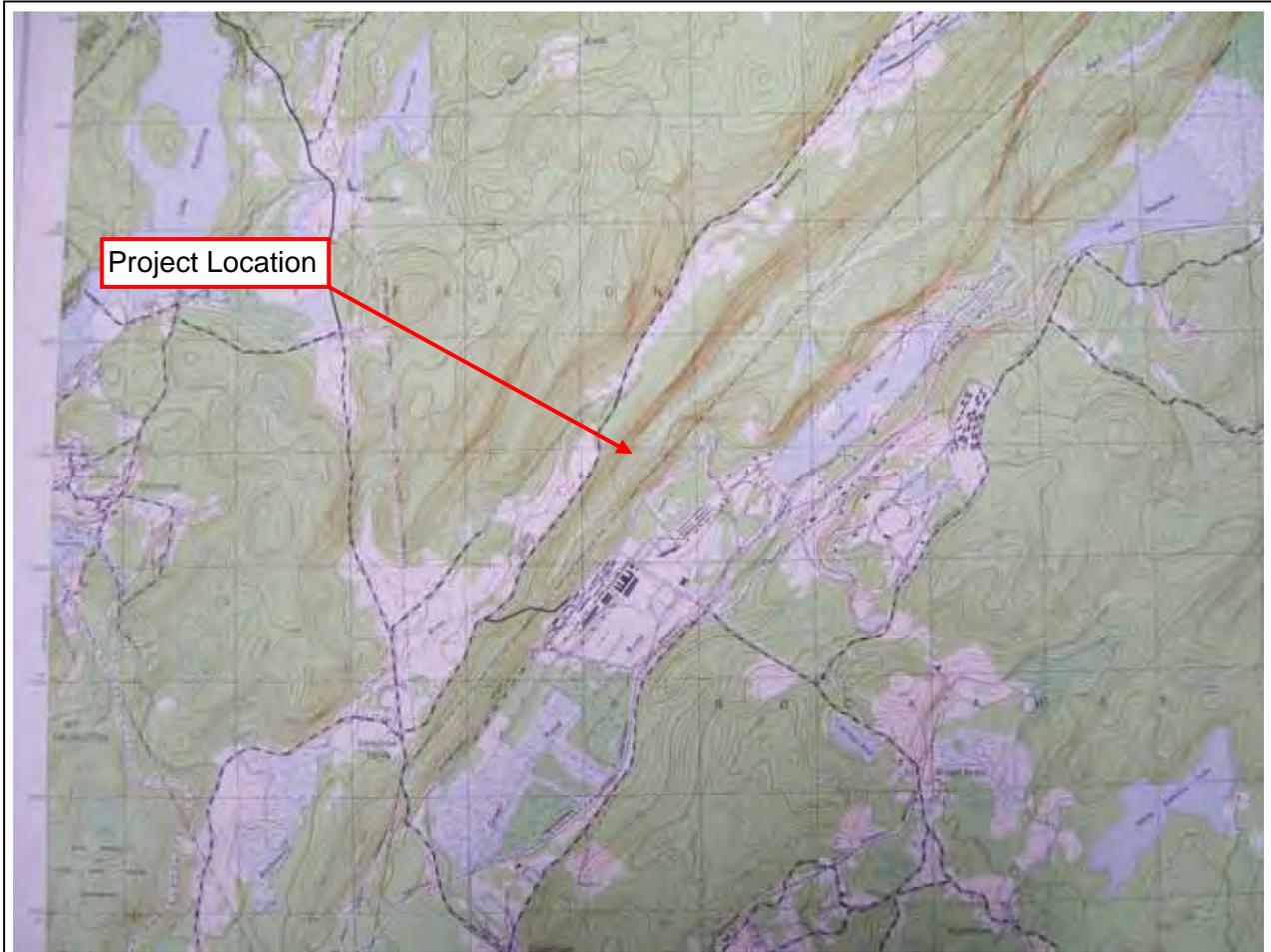
Phone (973) 299-5200 Fax (973) 299-5059

Project: P-09-39-01
NJ455V
Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson Township
Morris County, New Jersey
**1887 Robinson's Atlas of Morris County,
NJ**

Sprint

Picatinny

NJ455V



The 1943 USGS Dover, N.J. quadrangle map showing the project area.



**E2 Project Management
LLC**

**87 Hibernia Avenue
Rockaway, NJ 07866**

Phone (973) 299-5200

Fax (973) 299-5059

Project: P-09-39-01

NJ455V

Picatinny

Berkshire Trail, Picatinny Arsenal

Jefferson Township

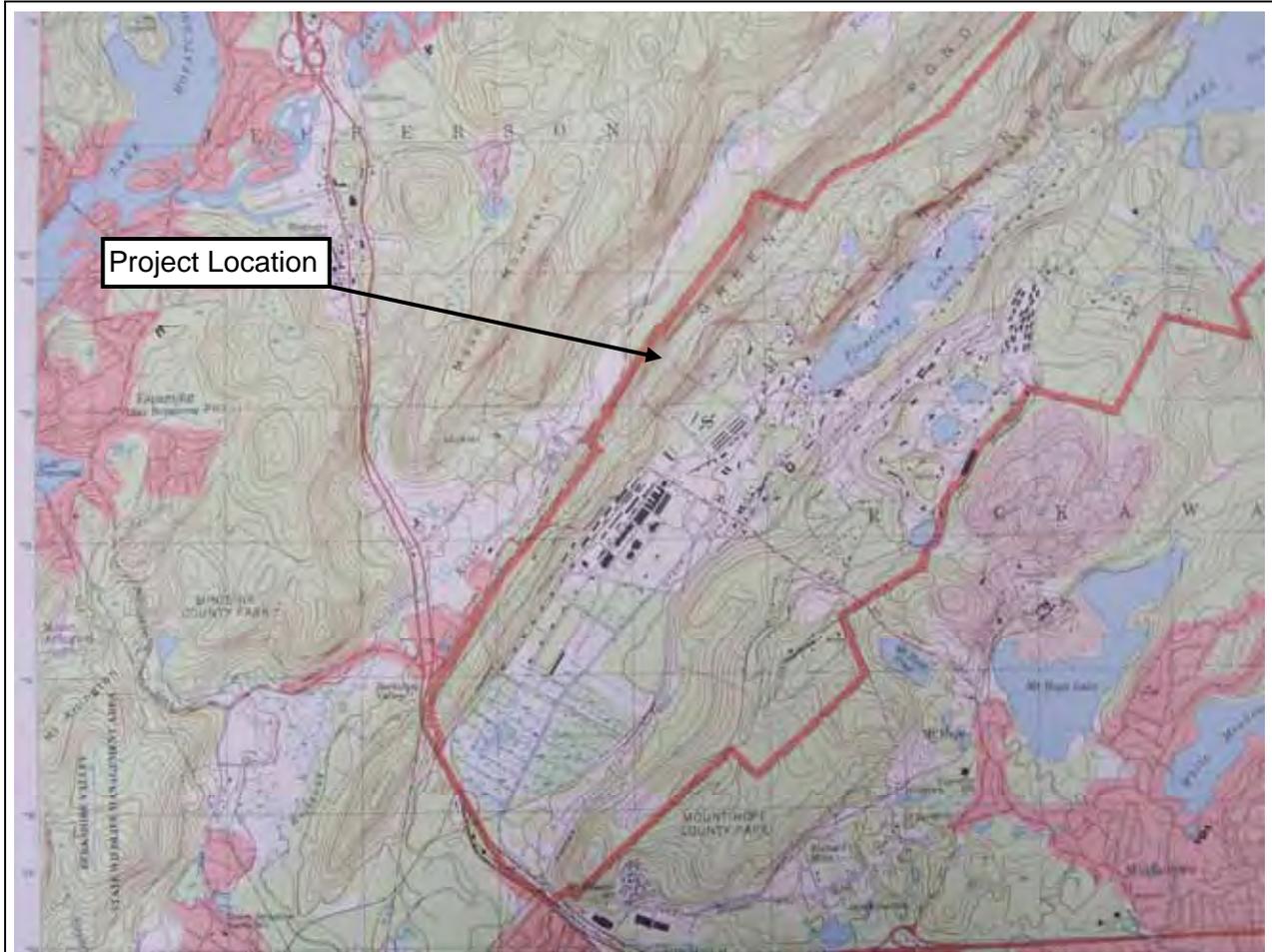
Morris County, New Jersey

1943 USGS Dover Quadrangle, NJ

Sprint

Picatinny

NJ455V



The 1981 USGS Dover, N.J. quadrangle map showing the project area.



**E2 Project Management
LLC**
87 Hibernia Avenue
Rockaway, NJ 07866

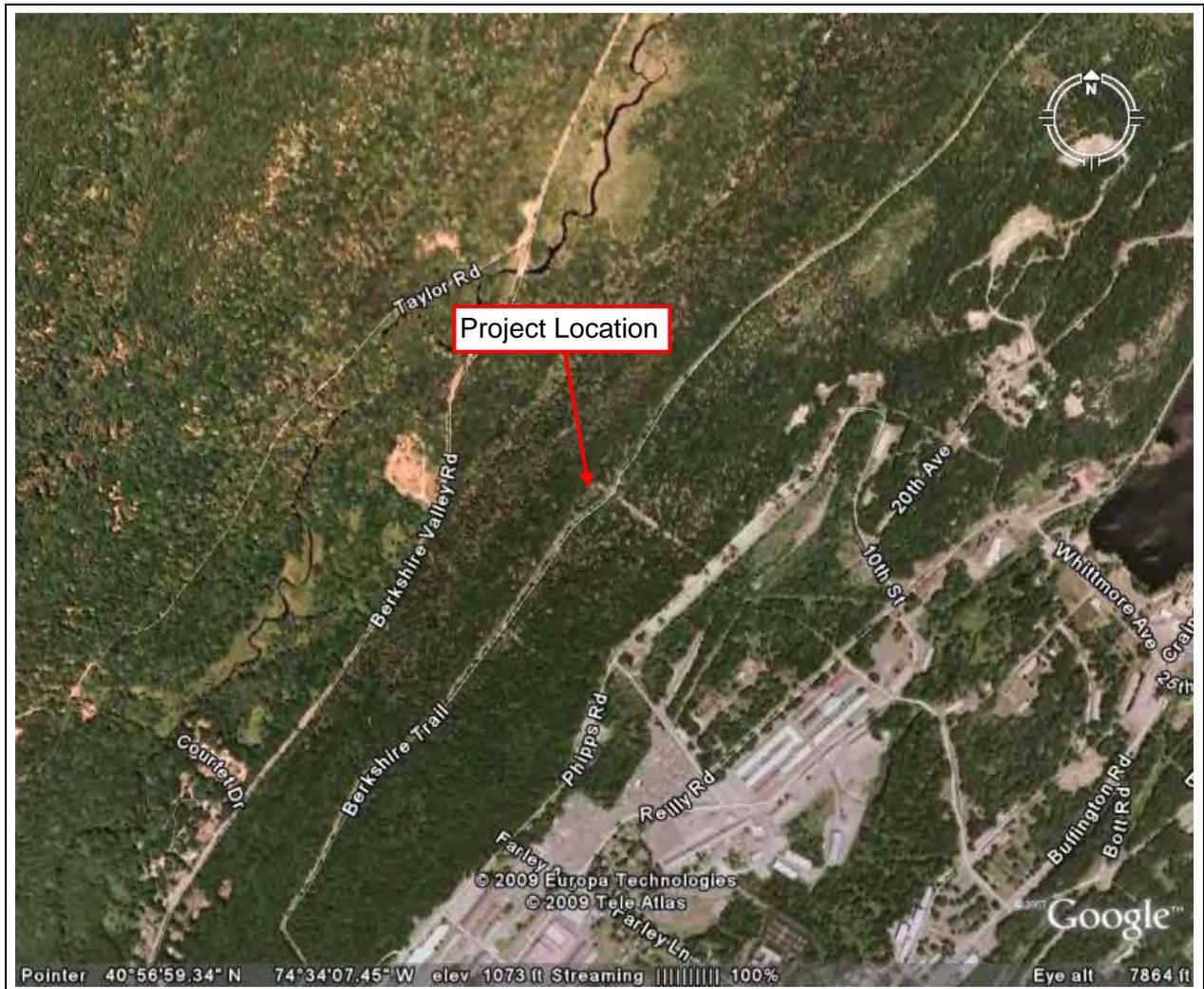
Phone (973) 299-5200 Fax (973) 299-5059

Project:P-09-39-01
NJ455V
Picatinny
Berkshire Trail, Picatinny Arsenal
Jefferson Township
Morris County, New Jersey
1981 USGS Dover quadrangle NJ

Sprint

Picatinny

NJ455V



Aerial photo showing the project location and surrounding area.



**E2 Project Management
LLC**

**87 Hibernia Avenue
Rockaway, NJ 07866**

Phone (973) 299-5200

Fax (973) 299-5059

Project: P-09-39-01

NJ455V Picatinny

Berkshire Trail, Picatinny Arsenal

Jefferson Township

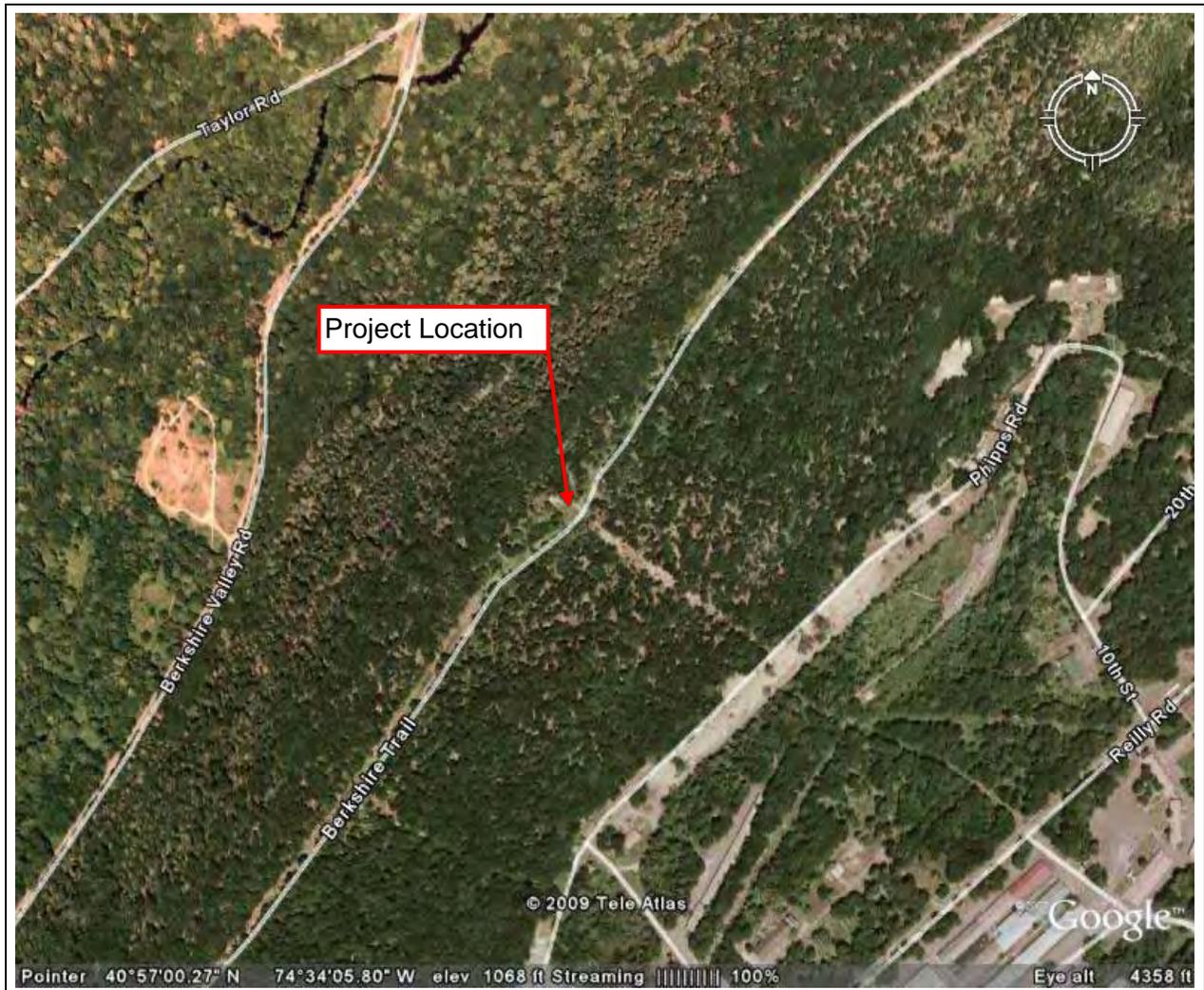
Morris County, New Jersey

Aerial Photo: Google Earth 2009

Sprint

Picatinny

NJ455V



Aerial photo showing the project location and surrounding area.

 <p>E2 Project Management LLC 87 Hibernia Avenue Rockaway, NJ 07866</p> <p>Phone (973) 299-5200 Fax (973) 299-5059</p>	<p>Project: P-09-39-01 NJ455V Picatinny Berkshire Trail, Picatinny Arsenal Jefferson Township Morris County, New Jersey Aerial Photo: Google Earth 2009</p>
---	---

Sprint

Picatinny

NJ455V

Plate: DE.1
Date: 09/19/07
Direction: Northwest
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m:
ca. 75 ft.
Description: View from
entrance to fire observation
tower and site area



Plate: DE.3
Date: 09/19/07
Direction: Northeast
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m:
ca. 85 ft.
Description: View of
proposed parking area



Plate: DE.4
Date: 09/19/07
Direction: North
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m: 0
ft.
Description: View looking
at proposed Sprint
equipment area from project
site





Photo location map. Arrows show direction and number of photos.

E2 P M
E2 Project Management LLC
 87 Hibernia Avenue
 Rockaway, NJ 07866
 Phone (973) 299-5200 Fax (973) 299-5059

Project: P-09-39-01
 NJ455V Picatinny
 Berkshire Trail, Picatinny Arsenal
 Jefferson Township
 Morris County, New Jersey
Google Earth 2009

Sprint
 Picatinny
 NJ455V

Plate: VE.1
Date: 09/19/07
Direction: Northwest
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m:
ca. 75 ft.
Description: View from
entrance to fire observation
tower and site area



Plate: VE.2
Date: 09/19/07
Direction: North
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m: 0
ft.
Description: View toward
proposed equipment
area



Plate: VE.3
Date: 09/19/07
Direction: Southeast
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m: 0
ft.
Description: View from
project site toward access
drive and existing propane
tank



Plate: VE. 4
Date: 09/19/07
Direction: West
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m:
ca.70 ft.
Description: View looking
at fire observation tower



Plate: VE.5
Date: 09/19/07
Direction: North
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m:
ca. 70 ft.
Description: View looking
along Berkshire Trail



Plate: VE.6
Date: 09/19/07
Direction: West
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m:
ca. 20 ft. ft.
Description: View of
existing equipment area
under fire observation tower



Plate: VE.7
Date: 09/19/07
Direction: Northeast
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m:
ca. 85 ft.
Description: View of
proposed parking area



Plate: VE.8
Date: 09/19/07
Direction: North
Photographer:
Chris Lanna
Focal Length: 38mm
Distance from site ft/m: 0
ft.
Description: View looking
at proposed Sprint
equipment area from project
site



Areas of Potential Effect

Direct Effect

The APE for Direct Effects encompasses the area that will be directly affected by the construction of the proposed wireless telecommunications facility.

The APE for Direct Effects includes part of the subject property, Picatinny Arsenal. Please refer to the attached lease exhibits.

Indirect Effect

The APE for Indirect or Visual Effects encompasses the area from which the proposed wireless telecommunications facility will be visible.

The APE for Indirect Effects was determined through the use of a prior pedestrian survey. The surrounding area is characterized by mature vegetation, hilly terrain, and development associated with the military installation. The proposed collocation will be visible from within the compound in the vicinity of the proposed monopole. As such, the APE is confined to the compound where the collocation is taking place. Please refer to the attached maps & aerial photographs.

Native American Consultation Summary

TCNS filed on: 09/29/2009

TCNS #: 56480

<u>Tribes Identified</u>	<u>Date of Follow-up Letter</u>	<u>Consultation Complete?</u>
Delaware Nation	N/A	Yes
Shawnee Tribe	09/29/2009	Yes

The Delaware Nation does not wish to consult on collocation projects. The Shawnee Tribe responded that the Shawnee Tribe's archives do not reveal any issues of concern at the tower location.

Lorraine Witter-Louis

From: towernotifyinfo@fcc.gov
Sent: Friday, October 02, 2009 3:01 AM
To: lorraine.witterlouis@e2pm.com
Cc: kim.pristello@fcc.gov; diane.dupert@fcc.gov
Subject: NOTICE OF ORGANIZATION(S) WHICH WERE SENT PROPOSED TOWER CONSTRUCTION NOTIFICATION INFORMATION - Email ID #2310923

Dear Sir or Madam:

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 information 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).

Persons who have received the information that you provided include leaders or their designees of federally-recognized American Indian Tribes, including Alaska Native Villages (collectively "Tribes"), Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs). For your convenience in identifying the referenced Tribes and in making further contacts, the City and State of the Seat of Government for each Tribe and NHO, as well as the designated contact person, is included in the listing below. We note that Tribes 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 Tribes 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 Tribe or NHO. (NPA, Section IV.F.4).

The information you provided was forwarded to the following Tribes and NHOs who have set their geographic preferences on TCNS. If the information you provided relates to a proposed antenna structure in the State of Alaska, the following list also includes Tribes located in the State of Alaska that have not specified their geographic preferences. For these Tribes and NHOs, if the Tribe or NHO does not respond within a reasonable time, you should make a reasonable effort at follow-up contact, unless the Tribe or NHO has agreed to different procedures (NPA, Section IV.F.5). In the event such a Tribe or NHO does not respond to a follow-up inquiry, or if a substantive or procedural disagreement arises between you and a Tribe or NHO, you must seek guidance from the Commission (NPA, Section IV.G). These procedures are further set forth in the FCC's Declaratory Ruling released on October 6, 2005 (FCC 05-176).

1. NAGPRA/CP Director Tamara Francis - Delaware Nation - Anadarko, OK - regular mail

Details: The Delaware Nation located in Anadarko, Oklahoma charges a \$400 administrative fee for the review of ALL projects. (Change Effective 1/18/2008). We prefer not to review proposed collocation projects and request not to be notified of such projects.

Send fee payable to the Delaware Nation in the form of a check or money order.

All projects for review by the Delaware Nation must pay the \$400 fee.

Please note that the Delaware Nation and the Delaware Tribe of Indians ARE NOT the same entity. Send all correspondence for the DelawareNation to 31064 North Hwy 281, Anadarko, OK 73005. ATTN: NAGPRA/CP Office.

2. THPO Kim Jumper - Shawnee Tribe - Miami, OK - regular mail

Details: THIS IS YOUR OFFICIAL NOTICE THAT THE SHAWNEE TRIBE IS INTERESTED IN CONSULTING ON ALL PROJECTS BUILT IN OUR AREAS OF GEOGRAPHIC INTEREST.

ATTENTION, NEW INFORMATION: Our procedures were updated on 14 January 2008. Please call Kim Jumper, THPO, at 918-542-2441, so that she can send you a copy.

If your tower is a co-location, please fax us this information to let us know. We cannot always tell from the TCNS web site that a tower is a co-location. We require a written response from you to let us know that it is a co-location. If a co-location project includes some new ground disturbance (such as from an expanded compound or access road, or construction of an ancillary structure), the Shawnee Tribe treats such a project the same as any other non co-location project.

Our correct mailing/physical address is: 29 South Highway 69A. Our correct phone number is (918-542-2441) and our historic preservation fax line is (918-542-9915). THPO Kim Jumper manages all cell tower consultation.

As of 26 June 2006, all of the faxed responses of our final comments on a tower site will contain an original Shawnee Tribe signature. Each final comment fax is signed individually. Copies may be compared, for authentication, against the original in our files. If a final comment fax does not contain a signature, it is not valid. ALL FINAL COMMENTS FROM THE SHAWNEE TRIBE ARE WRITTEN; FINAL COMMENTS ARE NEVER PROVIDED VERBALLY. IF THE SHAWNEE TRIBE IS CREDITED WITH HAVING GIVEN A VERBAL RESPONSE, THAT RESPONSE IS NOT VALID.

If you receive notification through the TCNS listing the Shawnee Tribe, that is an indication that the Shawnee Tribe is interested in consulting on the tower for which that notification was received. Please consider that our official indication of interest to you. The Shawnee Tribe considers the Tower Construction Notification System's weekly e-mail to be the first notification that we receive that a tower will be constructed in an area of our concern. We do not view the TCNS notification as completion of 106 consultation obligations.

The Shawnee Tribe has developed streamlined consultation procedures for cell tower developers and their subcontractors. If you do not have a copy of the procedures - most recently updated on 14 January 2008 - please contact us, as you must follow these procedures to consult with us on cell tower projects. Call us at 918-542-2441 or fax us at 918-542-9915. It is the tower builder's responsibility to make sure that you have our most recent consultation procedures.

PLEASE DO NOT SEND US INFORMATION, QUERIES, OR COMMENTS ELECTRONICALLY. SINCE 1 DECEMBER 2005, WE HAVE NOT HANDLED ANY CELL TOWER CONSULTATION, INQUIRIES, OR CORRESPONDENCE VIA E-MAIL.

The information you provided was also forwarded to the additional Tribes and NHOs listed below. These Tribes and NHOs have NOT set their geographic preferences on TCNS, and therefore they are currently receiving tower notifications for the entire United States. For these Tribes and NHOs, you are required to use reasonable and good faith efforts to determine if the Tribe or NHO may attach religious and cultural significance to historic properties that may be affected by its proposed undertaking. Such efforts may include, but are not limited to, seeking information from the relevant SHPO or THPO, Indian Tribes, state agencies, the U.S. Bureau of Indian Affairs, or, where applicable, any federal agency with land holdings within the state (NPA, Section IV.B). If after such reasonable and good faith efforts, you determine that a Tribe or NHO may attach religious and cultural significance to historic properties in the area and the Tribe or NHO does not respond to TCNS notification within a reasonable time, you should make a reasonable effort to follow up, and must seek guidance from the Commission in the event of continued non-response or in the event of a procedural or substantive disagreement. If you determine that the Tribe or NHO is unlikely to attach religious and cultural significance to historic properties within the area, you do not need to take further action unless the Tribe or NHO indicates an interest in the proposed construction or other evidence of potential interest comes to your attention.

None

The information 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.

3. SHPO Ann Safley - Pennsylvania Historical & Museum Commission Bureau for Historic Preservation - Harrisburg, PA - electronic mail

4. Executive Director, SHPO Patrick McIntyre Jr - Tennessee Historical Commission - Nashville, TN - electronic mail

5. SHPO Lisa P Jackson - New Jersey Department of Environmental Protection - Trenton, NJ - electronic mail

If you are proposing to construct a facility in the State of Alaska, you should contact Commission staff for guidance regarding your obligations in the event that Tribes do not respond to this notification within a reasonable time.

Please be advised that the FCC cannot guarantee that the contact(s) listed above opened and reviewed an electronic or regular mail notification. The following information relating to the proposed tower was forwarded to the person(s) listed above:

Notification Received: 09/29/2009
Notification ID: 56480
Tower Owner Individual or Entity Name: Sprint together with Nextel
Consultant Name: Lorraine WitterLouis
Street Address: 87 Hibernia Avenue
City: Rockaway
State: NEW JERSEY
Zip Code: 07866
Phone: 732-751-9464
Email: lorraine.witterlouis@e2pm.com

Structure Type: POLE - Any type of Pole
Latitude: 40 deg 57 min 0.3 sec N
Longitude: 74 deg 34 min 5.9 sec W
Location Description: Berkshire Trail, Picatinny Arsenal
City: Dover
State: NEW JERSEY
County: MORRIS
Ground Elevation: 337.7 meters
Support Structure: 45.7 meters above ground level
Overall Structure: 45.7 meters above ground level
Overall Height AMSL: 383.4 meters above mean sea level

If you have any questions or comments regarding this notice, please contact the FCC using the electronic mail form located on the FCC's website at:

<http://wireless.fcc.gov/outreach/notification/contact-fcc.html>.

You may also call the FCC Support Center at (877) 480-3201 (TTY 717-338-2824). Hours are from 8 a.m. to 7:00 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



SHAWNEE TRIBE
HISTORIC PRESERVATION DEPARTMENT
29 SOUTH HIGHWAY 69A
MIAMI, OKLAHOMA 74354
918 ^ 542 ^ 2441 PHONE 918 ^ 542 ^ 9915 FAX

FACSIMILE COVER PAGE

To: Lorraine FROM: Kim Jumper
 FIRM/AGENCY: E2PM DATE/TIME: 9/30/09
 FAX NUMBER: 732-751-9464 NO. OF PAGES, INCLUDING COVER: _____
 PHONE NUMBER: _____ MEMO: 56480

Message: The Shawnee Tribe's Tribal Historic Preservation Officer concurs that no known historic properties will be negatively impacted by construction of this tower site (see memo line above for TCNS number/s). The Shawnee Tribe's archives do not reveal any issues of concern at this tower location. In the event that archaeological materials are encountered later during construction, use, or maintenance of this tower location, please re-notify us at that time as we would like to resume consultation under such a circumstance.

The Shawnee Tribe's Environmental and Natural Resources Department takes this opportunity to express its concerns that telecommunication towers can have a potentially destructive impact on bats and migratory birds, particularly those that migrate at night, including species listed as threatened and endangered by both states and the federal government, as well as other species. The Shawnee Tribe suggests that this tower be constructed in accordance with the guidelines available from the US Fish and Wildlife Service to reduce the adverse effects of telecommunications towers on migratory birds; these guidelines may be found at: www.fws.gov/migratorybirds/issues/towers/comtow.html.

The Shawnee Tribe's Environmental and Natural Resources Department is further concerned that the proliferation of cell towers may play a role in honey bee Colony Collapse Disorder. We acknowledge that cell phone technology may not be to blame, especially by itself, as other potential causative factors for the decline have been noted, such as insecticides, tracheal and varroa mites (an immunosuppressant), other parasites, pesticides used on hives to eliminate parasites, genetically modified plants, *Nosema* fungus, Israeli Acute Paralysis Virus (IAPV) perhaps introduced from Australia in 2004, Kashmir Bee Virus [KBV], climate change, and drought.

Finally, the Shawnee Tribe's Environmental and Natural Resources Department requests that cell tower sites, whenever remotely feasible, be restored to native vegetation. In all cases, habitat restoration can protect a variety of species, even in small project areas. The large number of cell tower sites provides an as yet unrealized opportunity for region-wide habitat restoration. The Tribe urges the cell phone industry to provide a model for native habitat restoration for other industries.

Please do not hesitate to call us for additional comment.



Historic Properties Identified In the APE for Direct Effects

Archaeology

Environmental Setting

The project area stands at an elevation of approximately 1081 feet above sea level and is located in the Highlands Physiographic Province (Wolfe 1977). The Highlands province comprises about one-eighth of the total land area of the state (900+ square miles) and includes narrow valleys with a generally northeast-southwest orientation lying between the broad, flat highlands. For the most part, the province is underlain by metamorphosed igneous and sedimentary rock of the Middle Proterozoic Age.

Soils in the project area are representative of the Rock outcrop-Rockaway complex, steep (RvF) (Eby 1976), a meld of the Rock outcrop and the Rockaway series. This land type is about 50-90 percent Rock outcrop, which is, as the name implies, exposed, consolidated rock, and about 10-50 percent Rockaway soils. Slopes range from 25 to 35 percent and most of the area is shallow over bedrock, although bedrock can be as much as six feet below the surface.

The Rockaway series consists of deep, gently sloping to very steep, well drained or moderately well drained, soils on uplands. Rock outcrop is Green Pond Conglomerate escarpment associated with Green Pond Mountain, including a small area of rubble at the base of the mountain.

The site lies at a locally high elevation, along the stony spine of a long narrow ridgeline that overlooks all the major facilities of the Picatinny Arsenal as well as Picatinny Lake and Lake Denmark, all to the east. The site is entirely typical of the Highlands province in which it is securely situated. The Highlands is a corduroy landscape of parallel ridges and valleys arranged in a vast, northeast-southwest orientation and pockmarked with lakes and man-made impoundments. To the east and west of this particular narrow, rocky ridge are similarly narrow valleys drained by modest streams roughly at their geographical center. The nearer of these streams to the project site is the sinuous Rockaway River, which lies almost 1,400 feet at its closest to the northwest and is at an elevation almost 400 feet lower. To the east Pond Brook, which has been intermittently dammed to form Picatinny Lake and Lake Denmark further north, flows through the arsenal property about 2,700 feet from the project area and more than 400 feet below it.

The ridgeline is essentially undeveloped, except for a fire tower that adjoins the project area to the south, and is entirely wooded. A narrow, paved road known as Berkshire Trail runs along the crest of the ridge and passes by the project site, providing the easiest access to it. However, there is also a very rough, unpaved path that runs directly down the slope of the ridge and connects the project site to Phipps Road, which parallels Berkshire Trail and follows the base of the ridgeline.

Picatinny Arsenal is the major development in the vicinity of the project area. Other than the arsenal, there is not much in the way of development in the rough, cobbled, forested and uneven terrain that surrounds the project site. Settlement tends to be clustered at somewhat lower elevations about 3-4 miles to the south, in the Wharton-Rockaway-Dover area, and near the major lakes of the region, such as Green Pond, where Woodstock and Petersburg are found about 3.5-5 miles northeast, and along the eastern banks of Lake Hopatcong almost three miles to the west.

Historic Properties Identified In the APE for Direct Effects cont'd

Known Archaeological Sites

A review of files at the New Jersey State Museum and published references indicated that there are no registered archaeological sites within the project area, but there are at least eighteen within a one-mile radius.

The sites that are the closest to the project area are especially significant in assessing the likelihood of archaeological site occurrence in the vicinity, not only because of their proximity but because they occupy the same distinctive environmental setting and characteristics. 28-Mo-330 through 333 and 28-Mo-284 are all prehistoric sites that are located along the summit of the same ridgeline overlooking the arsenal as the project site. 28-Mo-330 through 333 are a cluster of sites that in all probability represent repeated exploitation of the same durable resources offered by the exposed rock outcrop resources by the same group over time. The sites, which are about one-half mile at most northeast of the project area, date primarily to the Late/Terminal Archaic and comprise an assemblage that includes features such as bedrock mortars and storage areas as well as cores, points and other lithic artifacts. 28-Mo-284 is described simply as "possibly a small foraging camp;" it is located slightly over a mile southwest of the project area.

There are at least eight other prehistoric sites within a mile of the project area, but these are either in the valley below the ridgeline where the arsenal is or on the ridgeline just to the south of the arsenal. 28-Mo-280 is an "unknown small prehistoric lithic workshop/ scatter or hunting camp" along Green Pond Brook and within the fully developed portion of the arsenal. 28-Mo-237, 239, 276, 278, 280, 281 and 282 are all found on the ridge that borders the arsenal to the south. These are all undated and generally described rather vaguely as small lithic workshops and scatters.

The remaining archaeological sites within a mile of the project area date to the historic period and relate either to operations at the arsenal or to the farms that predated its founding in the second half of the nineteenth century. The earliest recorded site (28-Mo-335), while martial in origin and found west of Picatinny Lake in the developed portion of the arsenal, predates the facility by a considerable period. The site comprises a cannonball dating to the Revolutionary War and a slag deposit from Middle Forge, which was located at the west end of the lake. 28-Mo-283, 328 and 337 were discovered on the ridge south of the arsenal and are domestic/agricultural sites. 28-Mo-283 is a residential refuse site dating from the end of the eighteenth to the early twentieth centuries. 28-Mo-328 constitutes archaeological deposits associated with the 1865 Andrew Dufford house and 28-Mo-337 is an enclosure formed by nineteenth and early twentieth century stone fences near the A. Walton farm. 28-Mo-345 is a complex of railroad-related foundations and structures just south of the western end of Picatinny Lake associated with the Wharton and Northern Railroad line that ran through the arsenal property.

Prior Cultural Resource Surveys

A review of files at the New Jersey Historic Preservation Office (HPO) undertaken on September 10, 2009 indicated that one prior cultural resource survey that addressed archaeological resources was performed in the project area. Moreover, a total of six such surveys have been conducted within a one-mile radius.

Historic Properties Identified In the APE for Direct Effects cont'd

A survey was undertaken in the project area (it should be noted that the site location map in the survey report misidentifies the actual project area) for a proposed cellular facility that has not been built to date (Richard Grubb & Associates 2004). The review was completed at the phase IA level and identified some, but not all, of the sites that were identified during the current review. Most significantly, the survey report makes no mention of the Late/Terminal Archaic sites (28-Mo-330 through 333) that are located a half-mile or less to the northeast. It is likely that these sites were discovered subsequent to the completion of the survey. In any event, the consultants concluded that, because the site lies on a high, rocky prominence at some distance from a water source, there was a low likelihood for the occurrence of archaeological resources within the area of potential effects for the proposed project. However, since neither the prehistoric sites along the ridgeline to the northeast nor the site to the southwest were taken into account, this assessment must be taken with a grain of salt.

In 1987 and 1989, systematic, reconnaissance-level surveys were performed across the entire Picatinny Arsenal base (Envirosphere Company 1987; Public Archaeology Laboratory 1984). The 1987 study included an evaluation of the known resources within the arsenal boundaries as a precursor to development of a management plan for them. Special emphasis was placed on compiling a list of known historic sites through a close examination of maps of the area. Management recommendations included full archaeological survey wherever development was proposed. In 1989, military structures were researched and dated and then catalogued by the arsenal's building identification system and by their assessed significance. Documentary research and a visual inspection identified a further four prehistoric sites and seven historic sites, including two iron forges, four farmsteads and a family cemetery. None of these resources was in close proximity to the project area.

Two other surveys were conducted specific to the arsenal grounds. However, one is simply a brief 1931 history of the arsenal published by the base itself and centered on the legislative history of the facility's founding, the acquisition process for what became the government the property and the steady growth up to that time of the base buildings and personnel (Picatinny Arsenal 1931). A far more recent archaeological survey was undertaken on a 1.19 acre tract within the arsenal grounds in anticipation of erection of fencing (Huggan 2009). Interestingly, four prehistoric sites were found within this small area. These sites presented evidence of repeated seasonal occupation and a varied assemblage of tools were recovered, including points, adzes, atlatl weights, axes, millstones and mortars; features for storage and for shelter were also identified. However, due to the tenor of the times we live in, the locations of these apparently significant sites were unfortunately redacted. It is very possible, though, from the description of the artifacts and features encountered, that these sites are the four Late/Terminal Archaic sites reported in the State Museum records (28-Mo-330 through 333).

Historic Properties Identified In the APE for Direct Effects cont'd

Finally, two other cultural resource surveys were completed for public projects to the west of the ridgeline where the project area is located and beyond the Picatinny Arsenal borders. One of these was a linear survey along Berkshire Valley Road, which runs parallel to the Rockaway River as it passes west of the arsenal (Unattributed 1978). A two-mile long section relatively close to the project area was reconnoitered and field tested as appropriate. No prehistoric resources were found during either the reconnaissance or the testing, due to some extent to the fact that much of the area had been disturbed in modern times. The consultants noted, however, that, prehistoric sites had been found in the vicinity, but outside of the project's potential impact area. The other study was undertaken at the phase IA level prior to a proposed flood control project along the Rockaway River, in much the same area as the prior survey (Kardas and Larrabee 1982). The river was proposed to be dammed to create a reservoir to the west of Picatinny Lake and Green Pond Mountain. Within the area of potential effects the consultants identified three forge complexes from the eighteenth to mid-nineteenth centuries, including the National Register listed Upper Longwood Forge, as well as 15 other historic sites and four area where prehistoric site occurrence was judged likely because of favorable environmental conditions.

The project as proposed will have no effect upon any resources identified in the survey reports.

National/State Register Files

According to the site files at the HPO no archaeological properties listed on or determined eligible for listing on the National Register of Historic Places lie in the project area or within a one-half mile radius. One "Indian Site" identified during the course of a cultural resource survey (Unattributed 1978) is recorded near the Rockaway River, but there is no indication that it was ever formally reviewed for a determination as to its Register eligibility.

Historic Map Review

A review of historic cartographic evidence available at the New Jersey State Library indicates that, while a small amount of development had occurred in the general vicinity by the middle decades of the nineteenth century, the project area itself appears to have remained vacant until the existing fire tower was built adjacent to the site. The fire tower does not appear on the 1997 USGS (Dover) 7.5' quadrangle map.

In 1853, the "Map of Morris County New Jersey" shows that the ridge line upon which the project area is situated was an impediment to travel and communication between the valleys to the east and west of it. A road runs parallel to the ridge along the base of its eastern flank in what later became the warehousing and ordnance storage area of the arsenal, south of Picatinny Lake. A similar road runs along the west side of the ridge, but there is only one path depicted that crosses over the ridge. The streams on either side of the heights have been dammed to provide hydropower for a series of iron forges. This accounts for the creation of Picatinny Lake, which, however, was much smaller in the mid-nineteenth century than it is currently. South of the lake there are a few houses along the spare road system in this rural part of the state where iron mining and processing accounted for what development has occurred. There is no sign of any building activity along the crest of the ridge, however, including the vicinity of the project area.

Historic Properties Identified In the APE for Direct Effects cont'd

Fifteen years later, on the 1868 "Atlas of Morris Co. New Jersey" Picatinny Lake has acquired the name of Clifford Pond and another road has been cut across the high ridge to connect the growing, rural industrial valleys. Rail lines are now prominent in the fast developing area east of the Picatinny Arsenal site in what is now Dover and Middletown. Yet the arsenal site is still occupied at this time by just two roads leading from the forge south of Clifford Pond and a few, scattered residences along them. The project area, atop the ridge line, is entirely vacant.

Later in the century the 1887 "Robinson's Atlas of Morris County New Jersey" indicates that the "Picatinny Powder Depot" has been established with a series of roads and rail lines linking the powder magazines with a headquarters as well as a store and an office. The government facility is ringed by the rapidly expanding settlements of Spicertown, Luxemburg, Mt. Hope, Middletown and Hibernia to the south, east and northeast in what is clearly a burgeoning pocket of industry and local commerce. Yet the project area and its rocky, isolated surroundings remain unoccupied.

The series of USGS (Dover) quadrangle maps from 1943 to 1997 demonstrate that, with the collapse of the remote, iron mining and smelting-based economy, the arsenal became the focal point of settlement in the area. The towns east of the arsenal, such as Mt. Hope and Middletown, were reduced in size by 1943, but, by and by, they began a slow recovery. By 1981, though divested of their old industrial heritage, these towns were experiencing considerable residential development and the banks of Lake Hopatcong to the west were filling with winding streets lined with housing. The arsenal site also saw some modest expansion, but the ridgeline above and to the west where the project area is located remained wooded and vacant, as it always had been. Berkshire Trail, which passes directly by the project site as it runs along the crest of the ridge, was in existence by 1943, but virtually no development occurred along it. Other than the fire tower, the maps do not indicate any building activity in the vicinity of the project area.

Site Visit

No site visit was conducted during the course of this review. The project area lies within a military installation where access is limited and photographs are not permitted. The immediate vicinity of the project area was inspected, however, and was reviewed for the probability of archaeological site occurrence during the course of a preliminary survey for a proposed telecommunications facility monopole in 2004 (Richard Grubb and Associates 2004). The results of this Section 106 Consultation are summarized above. No significant resources were recorded (although prehistoric resources were subsequently found elsewhere along the ridge where the project site is located) and HPO determined that the proposed monopole would have no adverse effect upon any historic properties in a letter dated July 1, 2004 (HPO-F2004-335).

The project area lies at the top of a narrow, rocky ridge line that declines sharply toward the main arsenal facilities to the east. Next south to the project site is a firetower that provides an excellent panoramic view in all directions, but particularly to the east and west where elevations above sea level are decidedly lower and to the south where the ridge is not quite as pronounced above the surrounding terrain. The project site fronts on Berkshire Trail, a narrow, curving paved road that follows along the top of the ridgeline for several miles to the northeast and southwest.

Historic Properties Identified In the APE for Direct Effects cont'd

Assessment of Archaeological Sensitivity

A preliminary determination of the likelihood that significant cultural resources occur within any given area was based in this instance upon a review of historic and modern documentary sources, including aerial photos of the subject parcel. Documentary sources yielded no evidence of occupation or use of the project area until the fire tower was built next to it in recent years.

The project area sits perched near the crest of a rocky ridgeline between two narrow valleys, an environmental setting not normally associated with prehistoric site occurrence. However, recent examination of this ridgeline has uncovered evidence of a series of Native American sites (28-Mo-284 and 28-Mo-330 through 333) reflecting potentially significant use and occupation of the environs as a lithic quarry and food processing and storage area. Consequently, the overall probability for the occurrence of prehistoric sites in the vicinity of the project area must be considered high. That said, the project area constitutes a very small (20' x 20') expansion of an existing, approved telecommunications facility compound that has already been disturbed by preliminary construction work. Other disturbances in the immediate vicinity have been occasioned by construction of the fire tower and a short access road to it. Because of the amount of modern disturbance in the very limited area that the project area will occupy, the likelihood that the project would have an impact upon significant prehistoric resources is only low to moderate.

The probability of historic site occurrence within the project area is deemed to be low. The documentary evidence suggests that settlement in the area was concentrated in the more hospitable valleys and not on the rocky, windswept and relatively inaccessible ridgeline where the project area is located.

Architecture

The subject properties are of no historic significance.

Historic Properties Identified In the APE for Visual Effects

Due to the nature of this collocation, involving primarily ground disturbance and mounting of new antennas on an existing monopole, the area of potential effects (APE) was confined to the area from which the collocation would be visible. The Picatinny Arsenal Administration and Research District (SHPO Opinion 7/2/1999) is eligible for listing on the National Register of Historic Places under Criteria A and C in the contexts of World War I, the inter-war years, World War II mobilization, and the Cold War. The proposed collocation will be partially visible from the Picatinny Arsenal Administration and Research District. The proposed collocation will have no effect on the resource's integrity of location, design, materials, workmanship, feeling, or association. The proposed collocation will have a minor effect on the resource's integrity of setting but the effect will not be adverse. As an operating military installation specializing in the research, development, and production of armaments, the landscape of the Picatinny Arsenal is both industrial in nature and constantly changing. The proposed collocation will be placed on a monopole that will be located adjacent to an existing fire tower, and there are several other communications and testing towers visible from the Picatinny Arsenal Administration and Research District. The proposed collocation **will not have an adverse effect** on the Picatinny Arsenal Administration and Research District. The proposed collocation will not alter the characteristics of the resource that qualify it for listing on the National Register of Historic Properties nor will it diminish the resource's integrity (36 CFR 800.5.1).

There is one previously identified resource included in the ½ mile search radius that is not included in the APE. The Picatinny Arsenal 600 Ordinance Testing Area District (SHPO Opinion 7/2/99) is located approximately 2500 feet east of the proposed collocation but, due to intervening vegetation and topographical barriers blocking the viewshed, is not included in the APE. The proposed collocation will have no effect on this resource.

In addition to listed or eligible resources, HPO requests that consultants also identify and assess effects to resources identified as eligible in local municipal surveys. There is one previously surveyed resource within the ½ mile search radius - the Picatinny Arsenal (1435-039), the subject property. Several historic districts and individual resources have been identified on the grounds of the Picatinny Arsenal, including the Picatinny Arsenal 600 Ordinance Testing Area District (SHPO Opinion 7/2/99) on 20th Avenue, the Picatinny Arsenal Administration and Research District (SHPO Opinion 7/2/99) including buildings on Buffington Road, Joyces Lane, and Parker Road, the Picatinny Arsenal Navy Commander's Quarters (SHPO Opinion 7/2/99) on Main Road, the Picatinny Arsenal Stable (SHPO Opinion 7/2/99) on Main Road, and the Picatinny Arsenal Test Area E, Naval Air Rocket Test Station District (SHPO Opinion 7/2/99) on Snake Hill Road. The collocation will have no effect on these additional resources.



E2 Project Management LLC

The History Team

87 Hibernia Avenue, Rockaway, New Jersey 07866
Tel. (973) 299-5200, Fax. (973) 299-5059

October 7, 2009

Ms. Marion Harris, Chair
Morris County Trust for Historic Preservation
14 Oak Street
Morristown, NJ 07960

Re: Federal Communications Commission Undertaking
Form 621
Carrier: Sprint together with Nextel
Site Address: Berkshire Trail – Picatinny Arsenal,
Jefferson Township, Morris County, New Jersey
Site Name: Sprint/Nextel NJ455V-Picatinny
Property Owner: U.S. Govt / Picatinny Arsenal

Dear Ms. Harris:

You have been identified as a local party interested in historic preservation. This information is being sent to you under the guidelines for consultation with the public regarding Federal undertakings provided by the New Jersey Historic Preservation Office (HPO), 36 CFR 800, and the 2005 "Nationwide Programmatic Agreement For Review Of Effects On Historic Properties For Certain Undertakings Approved By The Federal Communications Commission."

Sprint together with Nextel (Sprint) proposes to collocate wireless communication antennas on a future 150-foot tall monopole (to be constructed by Verizon Wireless) within the subject property. The proposed collocation will include the installation of 12 wireless antennas at a centerline elevation of 138-feet above ground level on a proposed 150-foot tall monopole. The equipment compound will consist of a 12-foot by 20-foot equipment shelter, telco cabinet, and a meter bank within a 450-square foot lease area to the west of the monopole. Proposed coaxial cables will be routed from the equipment shelter along a cable bridge that stands 10-feet above ground level and extends up the interior of the monopole to the proposed antennas. Access to the equipment will be via an asphalt access drive off of Berkshire Trail.

E 2 Project Management LLC (E2PM) has conducted background research at HPO, New Jersey State Museum, and New Jersey State Library to identify resources previously listed on or considered eligible for listing on the National Register of Historic Places, resources listed in local municipal historic surveys, known archaeological sites and archaeologically sensitive areas, and areas of potential sensitivity. E2PM will be conducting field surveys in the coming week.

If you are aware of any cultural resources of local interest or have any comments on the above referenced undertaking, please respond within 30 days of the date of this letter to the mailing address above, via phone at (973) 299-5200, or via email at david.koenig@e2pm.com

Thank you,

A handwritten signature in black ink that reads "David Koenig".

David Koenig
Principal Architectural Historian

Enclosure

Public Involvement

A public notice describing the proposed undertaking was posted in *The Star-Ledger* on October 12, 2009 and October 13, 2009.

Sprint

Picatinny

NJ455V

PUBLIC NOTICE
NEW TELECOMMUNICATIONS
FACILITY
Jefferson Township together with Nextel Sprint (Sprint) proposes to collocate wireless communication antennas on a 150-foot tall monopole (to be constructed by others) at Berkshire Trail - Picatinny Arsenal, Jefferson Township, Morris County, New Jersey. The proposed collocation will include the installation of 12 wireless antennas at a centerline elevation of 131-feet (AGL) on a proposed 150-foot tall monopole. The equipment compound will consist of a 12-foot by 20-foot equipment shelter within a 450-square foot lease area to the west of the monopole. Proposed coaxial cables will be routed from the equipment shelter along a cable bridge that stands 10-feet (AGL) and extends up the interior of the monopole to the proposed antennas. Access to the equipment will be via an asphalt access drive off of Berkshire Trail. Any interested party wishing to submit comments regarding the effect the proposed facility may have on any historic property may do so by sending such comments to: Lorraine Witter-Louis, E2PM, 87 Hibernia Avenue, Ruckaway, NJ 07866 or by electronic mail to lorraine.witterlouis@e2pm.com, and please refer to E2PM Tracking Number P-09-01-125.
\$141.00



E2 Project Management LLC

The History Team

87 Hibernia Avenue, Rockaway, New Jersey 07866
Tel. (973) 299-5200, Fax. (973) 299-5059

October 7, 2009

Ms. Bonnie-Lynn Nadzeika, Director
Morris County Historical Society
Acorn Hall
68 Morris Avenue
Morristown, NJ 07960-4212

Re: Federal Communications Commission Undertaking
Form 621
Carrier: Sprint together with Nextel
Site Address: Berkshire Trail – Picatinny Arsenal,
Jefferson Township, Morris County, New Jersey
Site Name: Sprint/Nextel NJ455V-Picatinny
Property Owner: U.S. Govt / Picatinny Arsenal

Dear Ms Nadzeika:

You have been identified as a local party interested in historic preservation. This information is being sent to you under the guidelines for consultation with the public regarding Federal undertakings provided by the New Jersey Historic Preservation Office (HPO), 36 CFR 800, and the 2005 "Nationwide Programmatic Agreement For Review Of Effects On Historic Properties For Certain Undertakings Approved By The Federal Communications Commission."

Sprint together with Nextel (Sprint) proposes to collocate wireless communication antennas on a future 150-foot tall monopole (to be constructed by Verizon Wireless) within the subject property. The proposed collocation will include the installation of 12 wireless antennas at a centerline elevation of 138-feet above ground level on a proposed 150-foot tall monopole. The equipment compound will consists of a 12-foot by 20-foot equipment shelter, telco cabinet, and a meter bank within a 450-square foot lease area to the west of the monopole. Proposed coaxial cables will be routed from the equipment shelter along a cable bridge that stands 10-feet above ground level and extends up the interior of the monopole to the proposed antennas. Access to the equipment will be via an asphalt access drive off of Berkshire Trail.

E 2 Project Management LLC (E2PM) has conducted background research at HPO, New Jersey State Museum, and New Jersey State Library to identify resources previously listed on or considered eligible for listing on the National Register of Historic Places, resources listed in local municipal historic surveys, known archaeological sites and archaeologically sensitive areas, and areas of potential sensitivity. E2PM will be conducting field surveys in the coming week.

If you are aware of any cultural resources of local interest or have any comments on the above referenced undertaking, please respond within 30 days of the date of this letter to the mailing address above, via phone at (973) 299-5200, or via email at david.koenig@e2pm.com.

Thank you,

A handwritten signature in black ink, appearing to read 'David Koenig'.

David Koenig
Principal Architectural Historian

Enclosure



E2 Project Management LLC

The History Team

87 Hibernia Avenue, Rockaway, New Jersey 07866
Tel. (973) 299-5200, Fax. (973) 299-5059

October 7, 2009

Ms. Peg Shultz
History Program Coordinator
Morris County Heritage Commission
P.O. Box 900
Morristown, NJ 07963-0900

Re: Federal Communications Commission Undertaking
Form 621
Carrier: Sprint together with Nextel
Site Address: Berkshire Trail – Picatinny Arsenal,
Jefferson Township, Morris County, New Jersey
Site Name: Sprint/Nextel NJ455V-Picatinny
Property Owner: U.S. Govt / Picatinny Arsenal

Dear Ms Shultz:

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David Koenig
Principal Architectural Historian

Enclosure



E2 Project Management LLC

The History Team

87 Hibernia Avenue, Rockaway, New Jersey 07866
Tel. (973) 299-5200, Fax. (973) 299-5059

October 7, 2009

Ms. Marion Harris, Chair
Morris County Trust for Historic Preservation
14 Oak Street
Morristown, NJ 07960

Re: Federal Communications Commission Undertaking
Form 621
Carrier: Sprint together with Nextel
Site Address: Berkshire Trail – Picatinny Arsenal,
Jefferson Township, Morris County, New Jersey
Site Name: Sprint/Nextel NJ455V-Picatinny
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David Koenig
Principal Architectural Historian

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E2 Project Management LLC

The History Team

87 Hibernia Avenue, Rockaway, New Jersey 07866
Tel. (973) 299-5200, Fax. (973) 299-5059

October 7, 2009

Jefferson Township Historical Society
152 Dover-Milton Road
Oak Ridge, New Jersey 07438

Re: Federal Communications Commission Undertaking
Form 621
Carrier: Sprint together with Nextel
Site Address: Berkshire Trail – Picatinny Arsenal,
Jefferson Township, Morris County, New Jersey
Site Name: Sprint/Nextel NJ455V-Picatinny
Property Owner: U.S. Govt / Picatinny Arsenal

To Whom It May Concern:

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David Koenig
Principal Architectural Historian

Enclosure

Bibliography

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Wolfe, Peter E.

1977 *The Geology and Landscapes of New Jersey*. Crane, Russak & Company, New York, New York.



E2 Project Management LLC

The History Team

87 Hibernia Avenue, Rockaway, New Jersey 07866
Tel. (973) 299-5200, Fax. (973) 299-5059

February 1, 2010

Mr. Chris Lanna
E2 Project Management
87 Hibernia Avenue
Rockaway, NJ 07866

Re: Federal Communications Commission Undertaking
Proposed Collocation
Sprint together with NEXTEL
"Picatinny"
Berkshire Trail, Picatinny Arsenal
Town of Dover, Morris County, NJ 07885

Dear Mr. Lanna:

This letter is to explain the steps leading to the completion of the Section 106 process regarding the above job.

On November 4, 2009, on behalf of Sprint together with Nextel, E2PM submitted a Federal Communications Commission (FCC) Form 621 for a wireless telecommunication collocation at the above referenced location. E2PM found no adverse effect on historic properties. When a 621 is received by the FCC, the State Historic Preservation Office (SHPO) is immediately notified, and has 30 days to comment.

On December 8, 2009, the SHPO 30-day review period for this submission expired. E2PM was sent an electronic communication from the FCC that no comment had been received from SHPO. When the 30 day period expires without a comment from SHPO, then SHPO is presumed to have concurred with the applicant's determination, as per NPA 2005, Section VII, which states:

"C. Determinations of No Adverse Effect

2. If the SHPO/THPO does not provide written notice to the Applicant that it agrees or disagrees with the Applicant's determination of no adverse effect within thirty days following its receipt of a complete Submission Packet, the SHPO/THPO is presumed to have concurred with the Applicant's determination. The Applicant shall, pursuant to procedures to be promulgated by the Commission, forward a copy its Submission Packet to the Commission, together with all correspondence with the SHPO/THPO and any comments or objections received from the public, and advise the SHPO/THPO accordingly. The Section 106 process shall then be complete unless the Commission notifies the Applicant otherwise within 15 days after the Commission receives the Submission Packet and accompanying material electronically or 25 days after the Commission receives this material by other means."

On January 14, in accordance with NPA 2005, Section VII, C, E2PM electronically forwarded a copy of its submission packet to the FCC. There was no correspondence from SHPO or members of the public, so none was sent. E2PM also informed SHPO electronically that the submission packet had been sent to the FCC. This e-mail to Dan Saunders at SHPO read as follows:

"January 14, 2010

Re: Federal Communications Commission Undertaking
Proposed Collocation
Sprint together with NEXTEL
"Picatinny"
Berkshire Trail, Picatinny Arsenal
Town of Dover, Morris County, NJ 07885
FCC Ref No. 0004021201

Please find attached the submission to the FCC for this cell site and copies of all correspondence with the SHPO. These are being sent to you in compliance with NPA 2005, Section VII, C, 2. Section. Fifteen days from now the Section 106 process will be complete, unless we are notified otherwise. This was also sent to the FCC on this day.

Joan Nix
Architectural Historian
E2 Project Management
87 Hibernia Road,
Rockaway, NJ "

Since fifteen days has expired from the January 14 2010 resubmission without any comments from the FCC, the Section 106 process is complete.

Thank you,



Joan Nix
Architectural Historian

Attachments:

Confirmation of F-621 filing on November 9, 2009
Expiration of 30-day review period notice from FCC
Letter with resubmission to FCC on January 14, 2010



E2 Project Management LLC

The History Team

87 Hibernia Avenue, Rockaway, New Jersey 07866
Tel. (973) 299-5200, Fax. (973) 299-5059

January 14, 2010

Mr. Dan Abeyta, Esq.
Assistant Chief NEPA Adjudication
Federal Communication Commission
Wireless Telecommunication Bureau
Spectrum & Competition Policy Division
445 12th Street, SW, Portal 1, Room 63338
Washington, DC 20554

Re: Federal Communications Commission Undertaking
Proposed Collocation
Sprint together with NEXTEL
"Picatinny"
Berkshire Trail, Picatinny Arsenal
Town of Dover, Morris County, NJ 07885
FCC Ref. # 0004021201

Dear Mr. Abeyta:

On November 4, 2009, on behalf of Sprint together with Nextel, E2PM submitted a FCC Form 621 for a wireless telecommunication collocation at the above referenced location. With that submittal, Sprint proposed to collocate 12 (twelve) antennas on an exiting 150' monopole at an elevation of 138' above ground level. The project remains unchanged from that submission. It was and still is the opinion of The History Team that there will be no adverse effect on historic properties by the project as proposed.

The primary contact at Sprint is Ms. Carole Knarich, Crossroads Corporate Center, One International Boulevard, Suite 800, Mahwah, NJ 07495, 201 684-4113.

E2PM is representing Sprint as a cultural resource management consultant. The primary contact at E2PM for this undertaking will be Joan Nix, Architectural Historian, E2 Project Management, 87 Hibernia Road, Rockaway, NJ 07866, 973-299-5200, joan.nix@e2pm.com.

Attached to this is a copy of the 621 submission. There have been no communications received from the New Jersey State Historic Preservation Office, or from any members of the public.

When the period of fifteen days has elapsed with no comment from your office, the Section 106 work for this project will be complete.

Thank you,

A handwritten signature in cursive script that reads "Joan P. Nix".

Joan Nix
Architectural Historian

Lorraine Witter-Louis

From: towernotifyinfo@fcc.gov
Sent: Tuesday, December 08, 2009 5:30 AM
To: lorraine.witterLouis@e2pm.com
Subject: Section 106 Notification of Expiration of SHPO/THPO Review Period- Email ID #34748

This is to notify you that the SHPO/THPO review period has expired for the following filing:
Date of Action: 12/08/2009

File Number: 0004021201
Purpose: Collocation Submission Packet
Notification Date: 7AM EST 11/05/2009
Applicant: Sprint together with Nextel
Consultant: The History Team A Division of E 2 Project Management LLC
Site Name: NJ455V-B, Picatinny Arsenal
Site Address: Berkshire Trail, Picatinny Arsenal
Site Coordinates: 40-57-0.3 N, 74-34-5.9 W
City: Dover
County: MORRIS
State: NJ
Lead SHPO/THPO: NJ Historic Preservation Ofc (Deputy SHPO)

The Nationwide Programmatic Agreement (NPA), Section VII, C.2 provides that if the SHPO does not respond, within 30 days, to a completed submission packet for which a recommendation or determination of "No Adverse Effect" on historic properties has been made, the applicant/consultant must send a copy of the completed form and all associated correspondence to the FCC for review and comment. The NPA also provides that the applicant/consultant must also send a copy of the completed submission packet and all associated correspondence whenever a determination or recommendation of "Adverse Effect" has been made.

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.

General Conformity – Record of Non-Applicability

Date Prepared: *2/16/10*

Project Name: *Verizon - Sprint Cell Site Construction*

Project Point of Contact: Christopher Lanna (973) 299-5200

Project Description: *Proposed cell site construction includes the installation of an antenna support tower (monopole type), pre-fabricated equipment shelters, one includes an emergency generator, an LPG storage tank, and electrical utility. The emergency generator will be fueled by LPG.*

Date: *August 2, 2010*

End Date: *Construction duration is estimated at 3 weeks.*

General Conformity under the Clean Air Act, Section 176 has been evaluated for the project described above according to the requirements of 40 CFR 93, Subpart B. The requirements of this rule are not applicable to this project because the project is an exempt action under:

- 40 CFR 93.153(c)(2)(iv): Routine maintenance and repair activities, including repair and maintenance of administrative sites, roads, trails, and facilities.

- 40 CFR 93.153 (c)(2)(x): Actions with respect to existing structures, properties, facilities and lands where future activities conducted will be similar in scope and operation to activities currently being conducted at the existing structures, properties, facilities, and lands (e.g. relocation of personnel, disposition of federally owned existing structures, properties, facilities and lands, rent subsidies, operation and maintenance cost subsidies, the exercise of receivership or conservatorship authority, assistance in purchasing structures, and the production of coins and currency).

- 40 CFR 93.153 (c)(2)(xiii): Routine operation of facilities, mobile assets and equipment.

Name: *James C. Murawski*

Title: *Chief Engineer*

E2 Project Management, LLC

General Conformity – Record of Non-Applicability

Date Prepared: *2/16/10*

Project Name: *Verizon - Sprint Wireless Cell Site Construction*

Project Point of Contact: Christopher Lanna (973) 299-5200

Project Description: *Proposed cell site construction includes the installation of an antenna support tower (monopole type), pre-fabricated equipment shelters, one includes an emergency generator, an LPG storage tank, and electrical utility. The emergency generator will be fueled by LPG.*

Begin Date: *August 2, 2010*

End Date: *Construction duration is estimated at 3 weeks.*

General Conformity under the Clean Air Act, Section 176 has been evaluated for the project described above according to the requirements of 40 CFR 93, Subpart B. The requirements of this rule are not applicable to this project because:

Total direct and indirect emissions from this project have been estimated at **0.47** tons VOCs and **1.49** tons NOx per year, which are below the conformity threshold value established at 40 CFR 93.153 (b) of 100 tons VOCs and 100 tons NOx.

Supported documentation and emission estimates are

- Attached
- Appear in the NEPA Documentation
- Other _____

*Name: James C Murawski
Title: Chief Engineer
E2 Project Management, LLC*

Record Of Non-Applicability (RONA) Calculations

Project Name: Verizon - Sprint Cell Site

Date Prepared: 16-Feb-10

Prepared by: JCM

Calculation includes the construction of the proposed cell site as well as the first year of operation.

Conversion Factor: 1 gram = 0.0022 lbs

Equipment	Number	Fuel	Hp	Hours/Day	Number of Days	Total Hours	Emission Factors ¹		Emissions		
							VOCs (g/hp-hr)	NOx (g/hp-hr)	VOCs (g)	NOx (g)	
Construction											
Cement Truck	5	Diesel	350	2	2	20	0.84	9.60	5,880	67,200	
Flat bed delivery truck - heavy	1	Diesel	300	6	5	30	0.84	9.60	7,560	86,400	
Excavator	1	Diesel	200	6	10	60	0.70	10.73	8,400	128,760	
Crane	1	Diesel	500	6	5	30	0.84	9.60	12,600	144,000	
Dump Truck	1	Diesel	400	6	2	12	0.84	9.60	4,032	46,080	
Backhoe	1	Diesel	100	6	10	60	1.40	10.10	8,400	60,600	
Forklift	1	Diesel	100	6	15	90	1.68	8.00	15,120	72,000	
							Emission Factors ²				
Gasoline Vehicles							Potential Miles Driven ³	VOCs (g/mile)	NOx (g/mile)		
Pick-up Trucks	10	Gasoline	2	15	300	16,500	1.428	3.99	23,562	65,786	
									Total Construction	85,554	670,826
Operation (Initial Year)											
Generator	1	Propane	88	0.5	52	26	113.63	5.80	259,985	13,270	
Asphalt emissions are negligible (repair only)											
									Total Grams	431,093	1,354,921
									Total Pounds	948	2,981
									Total Tons	0.47	1.49

Notes: 1. Source: EPA Nonroad Engine and Vehicle Emission Study - Appendixes, dated November 1991

2. Source: AP42 Appendix H, Highway Mobile Source Emission Factors - Table H-172, dated 30 June 1995

3. Assumes driving 55 miles/hour

**FINAL
FINDING OF NO SIGNIFICANT IMPACT**

Verizon-Sprint Cellular Communications Facility
Picatinny Arsenal, New Jersey

February 2010

1. **Proposed Action** – The proposed action by Verizon Wireless and Sprint consists of the construction of a wireless communications facility located along Berkshire Trail in the U.S. Department of the Army Picatinny Arsenal installation, Jefferson Township, Morris County, New Jersey (the “site”). The purpose of the Site is to provide cellular coverage for the designated Verizon Wireless/Sprint service area. The Site was selected to meet radio frequency transmission requirements for the area with an effort to avoid or minimize possible adverse environmental impacts.
2. **Description of Alternatives** –Two alternatives to the Proposed Action were considered in this assessment. As part of the effort to locate the site, Verizon Wireless/Sprint investigated the availability of existing structures within this section of Rockaway Township to fill the gap in service. Three existing structures as well as other “raw land” sites were identified and were ultimately rejected or eliminated for various reasons. Thus, only the Proposed Action alternative was considered in detail in this assessment.
3. **Anticipated Environmental Impacts** – Implementing the Proposed Action would eliminate a gap in cellular service in its wireless telecommunication network in and around the Picatinny Arsenal area without causing any adverse environmental effects on the Arsenal’s biological, cultural, physical, social or economic resources.
4. **Conclusion** – Based on a review of the information contained in the project’s Environmental Assessment, construction of a wireless facility would not constitute a major federal action significantly affecting the quality of the human environment within the meaning of Section 102 (2) (c) of the National Environmental Policy Act. Accordingly, preparation of an Environmental Impact Statement is not required. Therefore, the draft Finding of No Significant Impact (FNSI) is being made available for public review and comment for 30 days. A final decision would be rendered upon review and due consideration of the comments received.
5. **Effective date** – Construction for the Proposed Action is estimated to start in August 2, 2010.
6. **Public Availability** - The Environmental Assessment and this draft FNSI for the Proposed Action are available for public inspection at the Public Affairs Office, Picatinny Arsenal. General questions concerning this EA can be directed to Mr. Pete Rowland (973-724-7243). Written comments should be mailed to Mr. Rowland at, Public Affairs Office, AMSRD-AAR-AO (Building 1), Picatinny Arsenal, NJ 07806-5000. Public comment on this FNSI will be accepted for a period of 30 days from the date of this notice.

Approve:

John P. Stack
LTC, SF
Garrison Commander

Date