

USFWS

October 30, 2007

Verizon Wireless
c/o Ms. Rachel Mayo
Robinson & Cole, LLP
280 Trumbull Street
Hartford, CT 06103

Subject: Section 7 USFW
Kent, CT
38 Maple Street, Kent, Litchfield County, Connecticut
EBI Project #61070291

Dear Ms. Mayo:

In a letter dated March 12, 2007, EBI Consulting (EBI) forwarded project information and a request for comments relative to the impacts of the proposed project on threatened or endangered species to the United States Fish and Wildlife Service (USFWS). The USFWS returned EBI's letter marked "Received March 19, 2007," with no additional comments.

According to a statement issued by the USFWS in a March 9, 2007 letter, "...towers in urban and other developed areas, in which no natural vegetation will be affected, do not require further review." The area proposed to be occupied by *Verizon Wireless* consists of a developed property improved with the Kent Department of Public Works and town transfer station.

According to information provided by the USFWS in their March 9, 2007 letter, two federally-listed threatened species have been identified within Litchfield County, Connecticut: the Bog turtle and Small whorled pogonia. Further research on these two species regarding their natural habitats identified the following information:

Bog turtle: The preferred habitat for bog turtles includes open wet meadows, shallow water marshes, spring seeps, flood plain wetlands, bogs, and fens. Bog turtles live in wetlands that offer a mosaic of wet and dry areas, thus providing a variety of micro-climatic conditions that aid in thermoregulation and egg incubation. Deep, soft, mucky soils allow bog turtles to avoid predators and to escape climatic extremes such as hot and cold temperatures. Groundwater springs, seeps, and subsurface flows provide areas where the turtles can overwinter without the threat of freezing to death. The wetland plants most often found in these areas include cattails, rushes, jewelweed, skunk cabbage, sedges (particularly tussock sedge), sphagnum, and various native grasses. Common trees and shrubs include red maple, alder, willows, and poison sumac.

Small whorled pogonia: In the Northeast, the Small whorled pogonia typically occurs in acidic sandy loam having a fragipan (impervious layer), associated with the pH and moisture regime which the plant may require. Slope of the terrain where the orchids are found was typically 8 to 15%, or at the base of steep slope (Sperduto and Congalton 1996). Moisture regime is also affected by slope. The vegetative cover is usually mixed deciduous/coniferous, mid-successional forest with gaps in the canopy.

Additionally, according to Mr. Anthony Tur, an Endangered Species Specialist with the USFWS, habitat suitable for the Small whorled pogonia must consist of an area with a seasonable high water table with moisture in close proximity to surface during spring time. The Small whorled pogonia will not be found in areas of excessively drained soils. Additionally, the species thrives in habitats that allow for sunlight, such as logging trails, dirt roads, and areas with fallen trees. There must be a sparse understory and shrub area, and mature over story. Also, the species will not be detected in close proximity to heavily developed areas.

Based on EBI's review of the natural habitats of the two Federally-listed threatened species identified in Litchfield County and information provided by the USFWS, it does not appear that habitat at the Subject Property is suitable to support these species. Therefore, with consideration given to the fact that no suspected habitats for listed threatened or endangered species were identified at the Subject Property, Verizon Wireless' proposed project is not likely to affect Federally-listed threatened or endangered species.

Thank you for the opportunity to prepare this *Letter*, and assist you with this project. Please do not hesitate to contact us should you have any questions or if we may be of further assistance.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read "David Akerblom". The signature is fluid and cursive, with a large initial "D" and "A".

Mr. David Akerblom
Author/Project Scientist

Attachments
USFW Correspondence

March 12, 2007

Mr. Michael Amaral
U.S. Fish & Wildlife Service
70 Commercial St. #300
Concord, NH 03301-5031

Subject: Request for Section 7 Review
Kent, CT
38 Maple Street, Kent, CT 06757
Latitude & Longitude: N 41° 43' 20" and W 73° 28' 30".
EBI Project #61070291

Dear Mr. Amaral:

EBI CONSULTING (EBI) is preparing an environmental review on behalf of *Verizon Wireless* for the project noted above (herein, the Subject Property) as part of its permit process and regulatory review by the Federal Communications Commission (FCC). The review is focused on compliance with the Section 7 of the Endangered Species Act and environmental concerns specified by the FCC in 47 CFR 1.1307.

The Subject Property is located in Kent, Connecticut at 38 Maple Street. Kent is located in Litchfield County in northwest Connecticut. The property consists of an approximately 10.19-acre lot improved with four building structures. A 10-bay garage with a two-bay open-air extension on its western side (the main garage), is located approximately 100 feet southwest of the entrance to the property. A second, five-bay garage (the secondary garage) is located near the southeastern corner of the lot. Two open-air shelter structures are located to the west of the main garage and are used to store sand. These structures are part of the town Department of Public Works operations. The lot also includes the town transfer station. Two large dumpsters associated with the transfer station are located on the west-central portion of the property. A filling station for town trucks, consisting of a combined diesel/gasoline AST, is located to the east of the main garage near the entrance to the property. The area between the buildings consists of packed dirt and asphalt, with scattered dirt piles. Deciduous trees line the edge of the property. Areas of tall grasses and scattered hydric vegetation occur on the western portion of the Subject Property and along the eastern boundary. The main garage building was constructed in 1976. The other structures were constructed in the early-1990s.

Verizon Wireless proposes to construct a 150-foot monopole or stealth tree style telecommunications tower within a 50-foot by 80-foot fenced compound on the central portion of the Subject Property (herein, the Project Site) and adjacent to the secondary garage. Three sectors of four panel antennas each will be mounted to the proposed monopole at a centerline height of 150-feet above the existing ground surface. A 12-foot by 30-foot prefabricated equipment shelter with an internal generator will be placed at the base of the tower within the fenced compound. A telecommunications cabinet and an electric meter center will be placed at the southeast corner of the proposed compound. A pad-mounted transformer will be placed at the northeast corner of the proposed compound. Telecommunications and electric cables will be routed from existing connection points on the property. The site will be accessed via a proposed 12-foot wide access drive over the existing paved driveway area.

Enclosed please find copies of a street map as well as a section of the 1971 Kent, Connecticut USGS topographic map that have the location of the proposed telecommunications installation highlighted. Additionally, photographs of the areas proposed to be occupied by *Verizon Wireless* and vicinity properties are attached to this letter.

We would appreciate your assistance on determining if the proposed project will have an impact on any listed and/or proposed threatened or endangered species or designated and/or proposed critical habitats. On behalf of *Verizon Wireless*, I would appreciate your comments on this proposed telecommunications installation in a letter directed to the attention of Trevelyn Potter at 21 B Street, Burlington, MA 01803.

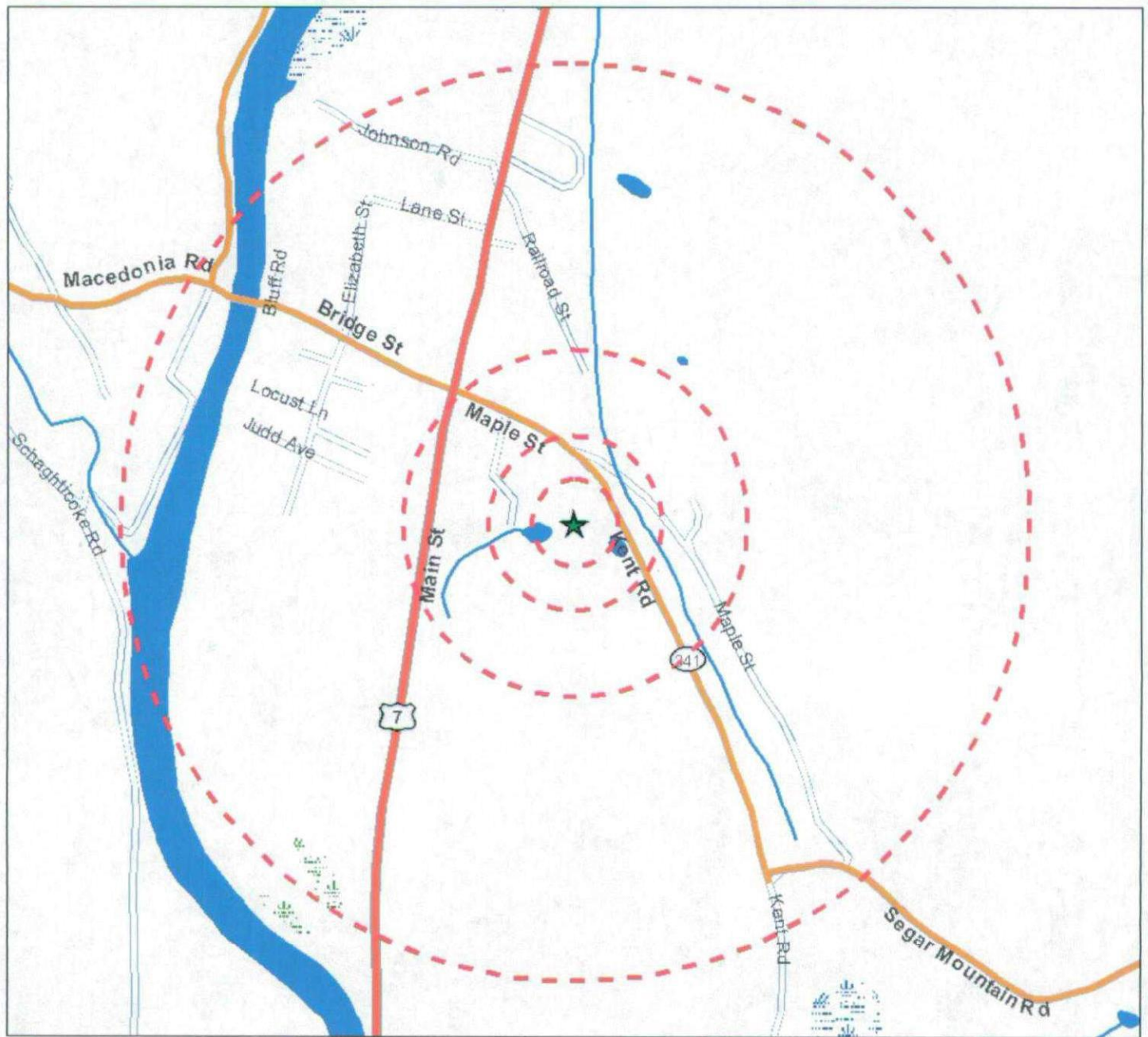
Sincerely,

A handwritten signature in blue ink, appearing to read "Trevelyn Potter".

Ms. Trevelyn Potter
Environmental Scientist
Phone: 617-715-1832
Email: tpotter@ebiconsulting.com

Appendix A – Figures, Drawings, and Maps
Appendix B – Photographs

APPENDIX A
FIGURES, DRAWINGS, AND MAPS



Legend

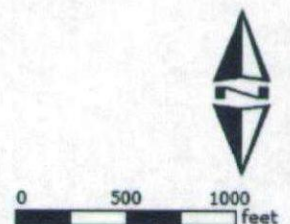
- ★ Project Site
- Site Buffer at 250', 500', 1000' and 1/2 mile

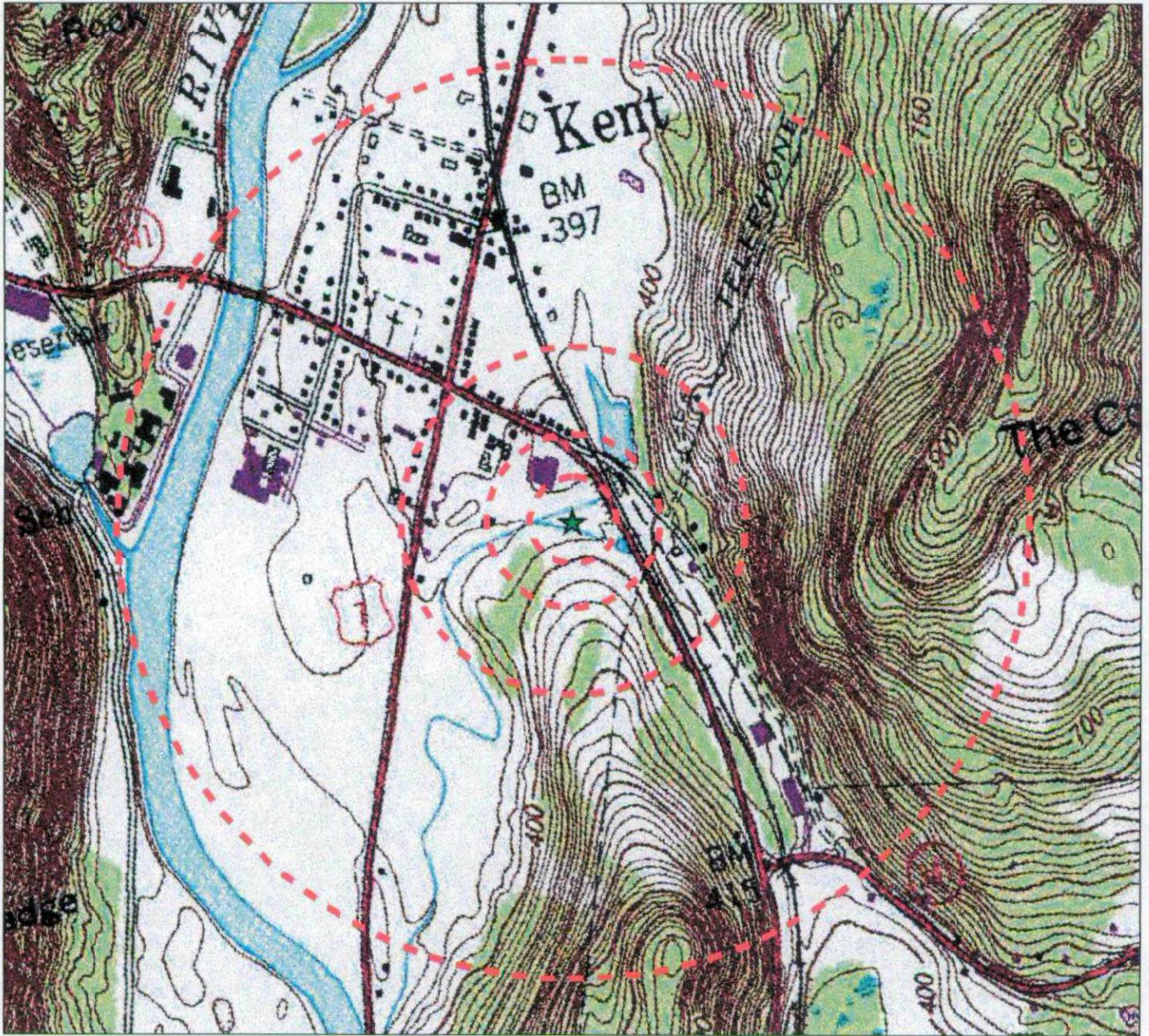
Source: Selected data from ESRI, EBI and NWI

Figure 1 - Site Location Map

/Kent, CT
38 Maple Street
Kent, CT 06757

PN: 61070291





Legend

- ★ Project Site
- ▭ Site Buffer at 250', 500', 1000' and 1/2 mile

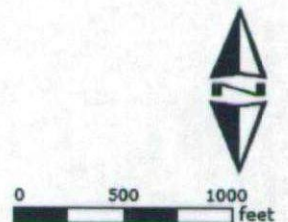
USGS 24k Quad: Kent, CT 1972

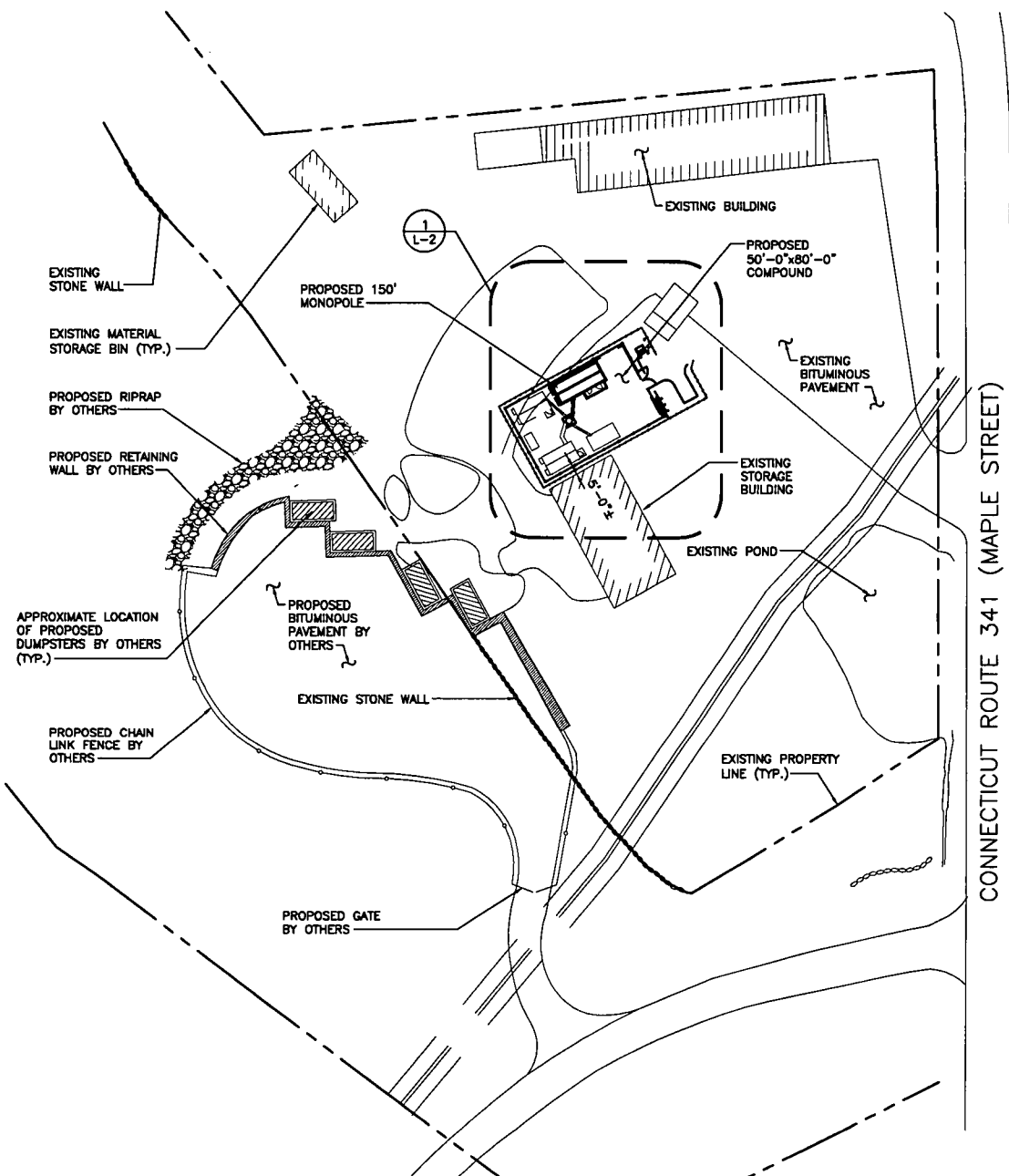
Source: Selected data from ESRI, EBI and USGS

Figure 2 - USGS Quad Location Map

/Kent, CT
38 Maple Street
Kent, CT 06757

PN: 61070291





1
L-1 SITE PLAN
SCALE: 1" = 100'-0"



CONNECTICUT ROUTE 341 (MAPLE STREET)

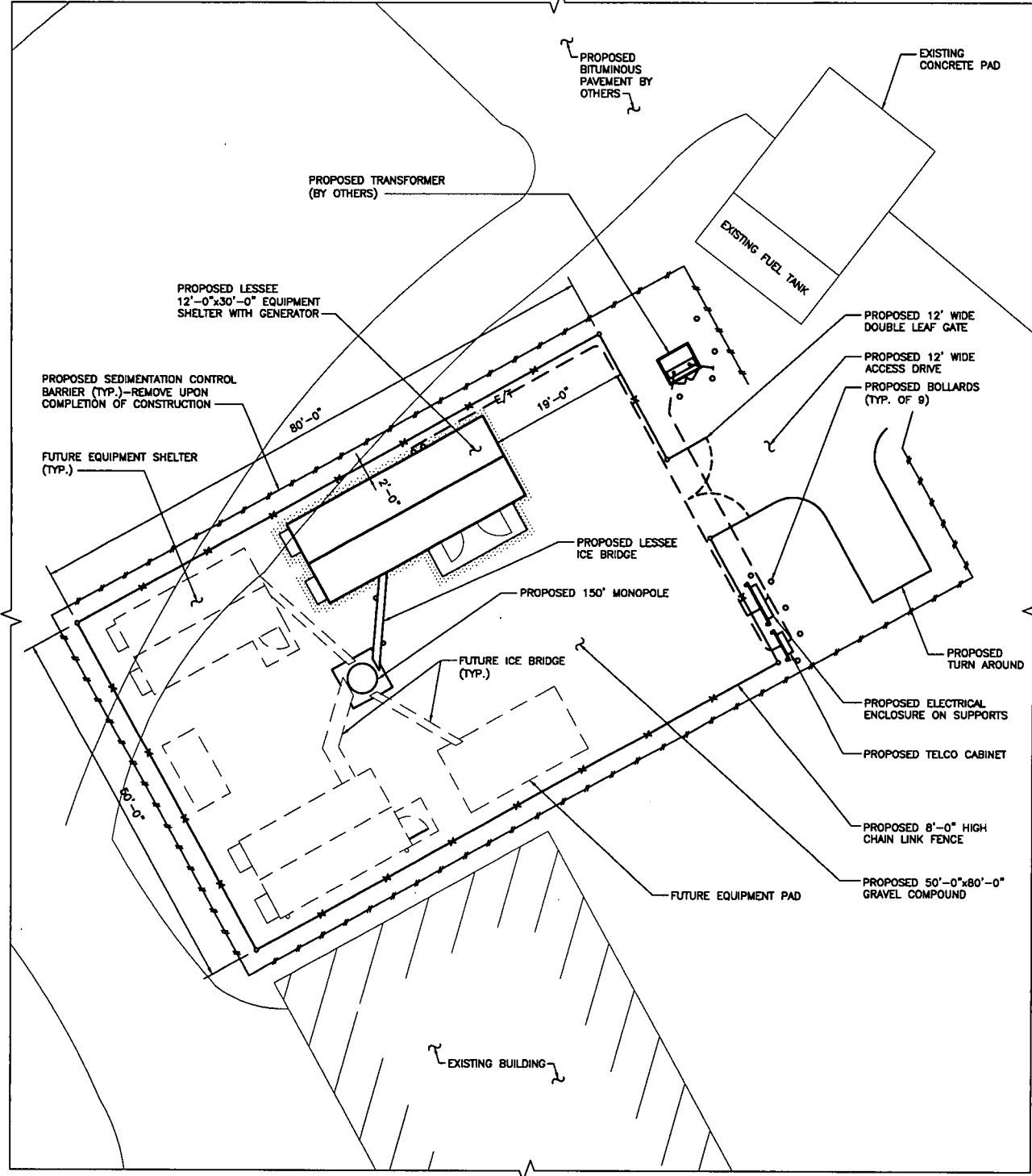
DW NO:
36931022
Designed by:
Drawn by: WRB
Checked by:
Approved by:

URS CORPORATION
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

CELLCO PARTNERSHIP DBA
VERIZON WIRELESS
WIRELESS COMMUNICATIONS FACILITY
SITE ADDRESS:
KENT
38 MAPLE STREET
KENT, CONNECTICUT 06757

REV.	DATE	DESCRIPTION
△	12/13/08	REVISED
Scale: AS NOTED		Date: 08-18-08
Job No. VZ1-197		File No. L-1

Dwg. No.
L-1
Dwg. 1 of 3



1
L-2 **COMPOUND PLAN**
SCALE: 1" = 20'-0"



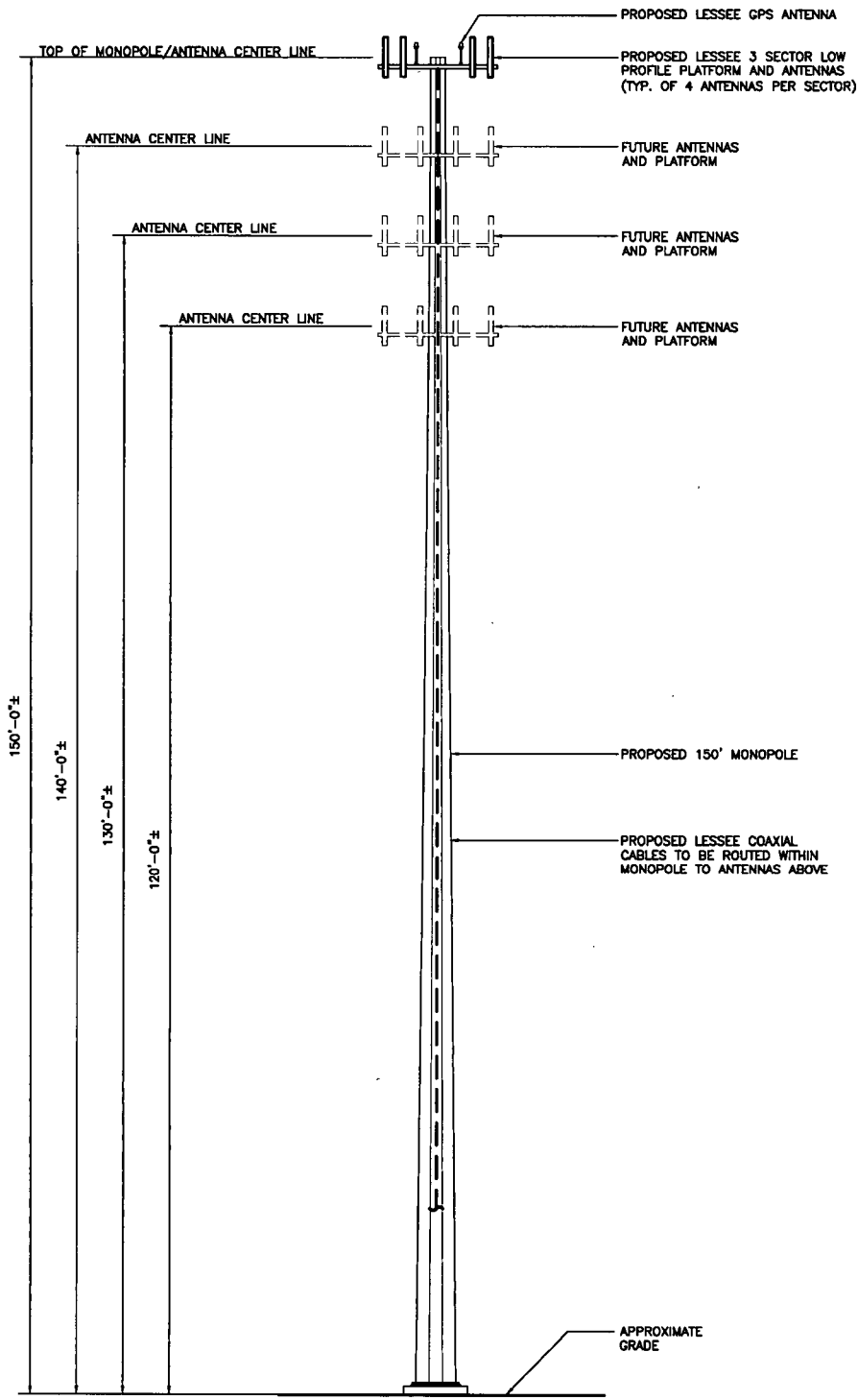
OW NO:
36931022
Designed by:
Drawn by: WRB
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Approved by:

URS CORPORATION
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

CELLCO PARTNERSHIP DBA
VERIZON WIRELESS
WIRELESS COMMUNICATIONS FACILITY
KENT
38 MAPLE STREET
KENT, CONNECTICUT 06757

REV.	DATE	DESCRIPTION
△	12/13/06	REVISED
Scale:	AS NOTED	Date:
		08-18-06
Job No.	VZ1-197	File No.
		L-1

Dwg. No.
L-2
Dwg. 2 of 3



1 TOWER ELEVATION
L-3 SCALE: 1" = 20'-0"



GW NO:
38931022
Designed by:
Drawn by: WRB
Checked by:
Approved by:

URS CORPORATION
500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-(860)-529-8882

CELLCO PARTNERSHIP DBA
VERIZON WIRELESS
WIRELESS COMMUNICATIONS FACILITY
KENT
38 MAPLE STREET
KENT, CONNECTICUT 06757

REV.	DATE	DESCRIPTION
△	12/13/06	REVISED
Scale: AS NOTED		Date: 08-18-08
Job No. VZ1-197		File No. L-2

Dwg. No.
L-3
Dwg. 3 of 3

**APPENDIX B
PHOTOGRAPHS**



1. Town Garage property viewed from Maple Street.



2. Proposed tower site, with the main garage in the background, facing north.



3. Facing east from the proposed tower site towards the secondary garage.



4. Facing south from the proposed tower site.



5. Facing west from the proposed tower site.



6. View of the proposed tower site from the northwest.

March 12, 2007

Mr. Michael Amaral
U.S. Fish & Wildlife Service
70 Commercial St. #300
Concord, NH 03301-5031

RECEIVED
FISH & WILDLIFE SERVICE

MAR 19 2007

NEW ENGLAND FIELD OFFICE
CONCORD, NH

Subject: Request for Section 7 Review
Kent, CT
38 Maple Street, Kent, CT 06757
Latitude & Longitude: N 41° 43' 20" and W 73° 28' 30".
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Enclosed please find copies of a street map as well as a section of the 1971 Kent, Connecticut USGS topographic map that have the location of the proposed telecommunications installation highlighted. Additionally, photographs of the areas proposed to be occupied by *Verizon Wireless* and vicinity properties are attached to this letter.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New England Field Office
70 Commercial Street, Suite 300
Concord, New Hampshire 03301-5087



March 9, 2007

Dear Sir or Madam:

We are in receipt of your enclosed letter requesting our endangered species review with regard to your proposed telecommunications project.

We recently distributed a letter (also enclosed) to numerous companies, including yours, which we hope will streamline the consultation process.

Please review our letter. We're confident that it will adequately respond to your request. If you have any questions, please contact me at 603-223-2541.

Sincerely yours,

Anthony P. Tur
Endangered Species Specialist
New England Field Office

Enclosures



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New England Field Office
70 Commercial Street, Suite 300
Concord, New Hampshire 03301-5087



March 6, 2007

To Whom It May Concern:

The U.S. Fish and Wildlife Service's (Service) New England Field Office has determined that individual project review for certain types of activities associated with communication towers **is not required**. These comments are submitted in accordance with provisions of the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

Due to the rapid expansion of the telecommunication industry, we are receiving a growing number of requests for review of **existing** and **new** telecommunication facilities in relation to the presence of federally-listed or proposed, threatened or endangered species, critical habitat, wilderness areas and/or wildlife preserves. We have evaluated our review process for proposed communications towers and believe that individual correspondence with this office is not required for the following types of actions relative to **existing** facilities:

1. the re-licensing of existing telecommunication facilities;
2. audits of existing facilities associated with acquisition;
3. routine maintenance of existing tower sites, such as painting, antenna or panel replacement, upgrading of existing equipment, etc.;
4. co-location of new antenna facilities on/in existing structures;
5. repair or replacement of existing towers and/or equipment, provided such activities do not significantly increase the existing tower mass and height, or require the addition of guy wires.

In order to curtail the need to contact this office in the future for individual environmental review for **existing** communication towers or antenna facilities, please note that we are not aware of any federally-listed, threatened or endangered species that are being adversely affected by any existing communication tower or antenna facility in the following states: Vermont, New Hampshire, Rhode Island, Connecticut and Massachusetts. Furthermore, we are not aware of any **existing** telecommunication towers in federally-designated critical habitats, wilderness areas or wildlife preserves. Therefore, no further consultation with this office relative to the impact of the above referenced activities on federally-listed species is required.

Future Coordination with this Office Relative to New Telecommunication Facilities

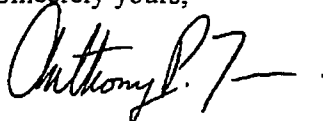
We have determined that proposed projects are not likely to adversely affect any federally-listed or proposed species when the following steps are taken to evaluate new telecommunication facilities:

1. If the facility will be installed within or on an existing structure, such as in a church steeple or on the roof of an existing building, no further coordination with this office is necessary. Similarly, new antennas or towers in urban and other developed areas, in which no natural vegetation will be affected, do not require further review.
2. If the above criteria cannot be met, your review of the attached lists of threatened and endangered species locations within Vermont, New Hampshire, Rhode Island, Connecticut and Massachusetts may confirm that no federally-listed endangered or threatened species are known to occur in the town or county where the project is proposed.
3. If a listed species is present in the town or county where the project is proposed, further review of our enclosed lists of threatened and endangered species may allow you to conclude that suitable habitat for the species will not be affected. Based on past experiences, we anticipate that there will be few, if any, projects that are likely to impact piping plovers, roseate terns, bog turtles, Jesup's milkvetch or other such species that are found on coastal beaches, riverine habitats or in wetlands because communication towers typically are not located in these habitats.

For projects that meet the above criteria, there is no need to contact this office for further project review. A copy of this letter should be retained in your file as the Service's determination that no listed species are present, or that listed species in the general area will not be affected. Due to the high workload associated with responding to many individual requests for threatened and endangered species information, we will no longer be providing response letters for activities that meet the above criteria. This correspondence and the enclosed species lists remain valid until January 1, 2008.

Thank you for your cooperation, and please contact me at 603-223-2541 for further assistance.

Sincerely yours,



Anthony P. Tur
Endangered Species Specialist
New England Field Office

Enclosures

FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN CONNECTICUT

Common Name	Species	Status	County/General Distribution
Sturgeon, shortnose ¹	<i>Acipenser brevirostrum</i>	E	Atlantic coastal waters and Connecticut River
Bat, Indiana	<i>Myotis sodalis</i>	E	New Haven/hibernaculum
Eagle, bald	<i>Haliaeetus leucocephalus</i>	T	Nesting: Hartford, Litchfield Wintering: entire state, major rivers
Plover, piping	<i>Charadrius melodus</i>	T	Nesting: Fairfield, Middlesex, New Haven, New London (coastal beaches) Migratory: Atlantic Coast
Tern, Roseate	<i>Sterna dougallii dougallii</i>	E	Nesting: New Haven (coastal island) Migratory: Atlantic Coast
Turtle, bog	<i>Clemmys muhlenbergii</i>	T	Fairfield, Litchfield
Wedge mussel, dwarf	<i>Alasmidonta heterodon</i>	E	Hartford
Beetle, Puritan tiger	<i>Cicindela puritana</i>	T	Hartford, Middlesex (Connecticut River floodplain)
Beetle, Northeastern beach	<i>Cicindela dorsalis dorsalis</i>	T	Coastal beaches/Extirpated
Small whorled pogonia	<i>Isotria medeoloides</i>	T	Litchfield, New Haven
Sandplain gerardia	<i>Agalinus acuta</i>	E	Hartford
Chaffseed	<i>Scwalbea Americana</i>	E	New London/Historic

¹ Principal responsibility for this species is vested with the National Marine Fisheries Service.

FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN MASSACHUSETTS

Common Name	Species	Status	County/General Distribution
Sturgeon, shortnose ¹	<i>Acipenser brevirostrum</i>	E	Atlantic coastal waters and Connecticut and Merrimack Rivers
Cougar, Eastern	<i>Felis concolor cougar</i>	E	Entire state/historic
Bat, Indiana	<i>Myotis sodalis</i>	E	Berkshire/historic
Eagle, bald	<i>Haliaeetus leucocephalus</i>	T	Barnstable, Berkshire, Essex, Franklin, Hampden, Hampshire, Plymouth, Worcester
Plover, piping	<i>Charadrius melodus</i>	T	Nesting: Barnstable, Essex, Plymouth, Dukes, Nantucket, Bristol (coastal beaches) Migratory: Atlantic Coast
Tern, Roseate	<i>Sterna dougallii dougallii</i>	E	Nesting: Barnstable, Plymouth (coastal islands) Migratory: Atlantic Coast
Turtle, bog	<i>Clemmys muhlenbergii</i>	T	Berkshire
Wedge mussel, dwarf	<i>Alasmidonta heterodon</i>	E	Hampshire, Franklin
Beetle, Puritan tiger	<i>Cicindela puritana</i>	T	Hampshire (Connecticut River floodplain)
Beetle, Northeastern beach	<i>Cicindela dorsalis dorsalis</i>		Barnstable, Duke (coastal beaches)
Beetle, American burying	<i>Nicrophorus americanus</i>	E	Bristol, Nantucket (Penikese & Nantucket Isl.) reintroduced populations
Small whorled pogonia	<i>Isotria medeoloides</i>	T	Hampshire, Essex, Hampden, Worcester, Middlesex
Sandplain gerardia	<i>Agalinus acuta</i>	E	Barnstable, Duke
Northeastern bulrush	<i>Scirpus ancistrochaetus</i>	E	Franklin

¹ Principal responsibility for this species is vested with the National Marine Fisheries Service.

FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN NEW HAMPSHIRE

Common Name	Species	Status	County/General Distribution
Sturgeon, shortnose ¹	<i>Acipenser brevirostrum</i>	E	Atlantic coastal waters
Eagle, bald	<i>Haliaeetus leucocephalus</i>	T	Nesting: Coos, Merrimack, Cheshire, Sullivan Migratory/ wintering: entire state
Plover, piping	<i>Charadrius melodus</i>	T	Nesting: Rockingham (coastal beaches)
Tern, Roseate	<i>Sterna dougallii dougallii</i>	E	Nesting: Isles of Shoals Migratory: Atlantic Coast
Canada lynx	<i>Lynx canadensis</i>	T	Coos
Cougar, Eastern	<i>Felis concolor cougar</i>	E	Entire state/historic
Wolf, gray	<i>Canis lupus</i>	E	Historic
Wedge mussel, dwarf	<i>Alasmidonta heterodon</i>	E	Cheshire (S. Branch Ashuelot, Ashuelot River) Sullivan (Connecticut River main stem), Grafton (Connecticut River main stem), Coos (Connecticut River main stem, Johns River)
Beetle, Puritan tiger	<i>Cicindela puritana</i>	T	Extirpated (Connecticut River floodplain)
Butterfly, karnar blue	<i>Lycaeides melissa samuelis</i>	T	Merrimack
Jesup's milk-vetch	<i>Astragalus robbinsii var. jesupi</i>	E	Sullivan (Plainfield, Charlestown)
Small whorled pogonia	<i>Isotria medeoloides</i>	T	Belknap, Strafford, Grafton, Merrimack, Rockingham, Carroll, Hillsborough
Northeastern bulrush	<i>Scirpus ancistrochaetus</i>	E	Sullivan

¹ Principal responsibility for this species is vested with the National Marine Fisheries Service.

FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN RHODE ISLAND

Common Name	Species	Status	County/General Distribution
Sturgeon, shortnose ¹	<i>Acipenser brevirostrum</i>	E	Atlantic coastal waters
Eagle, bald	<i>Haliaeetus leucocephalus</i>	T	Nesting: Providence Migratory: entire state
Plover, piping	<i>Charadrius melodus</i>	T	Nesting: Newport, Washington (coastal beaches) Migratory: Atlantic Coast
Tern, Roseate	<i>Sterna dougallii dougallii</i>	E	Migratory: Atlantic Coast
Beetle, Northeastern beach	<i>Cicindela dorsalis dorsalis</i>	T	Coastal beaches/Extirpated
Beetle, American burying	<i>Nicrophorus americanus</i>	E	Washington (Block Island)
Small whorled pognia	<i>Isotria medeoloides</i>	T	Providence, Kent
Sandplain gerardia	<i>Agalinus acuta</i>	E	Washington

¹ Principal responsibility for this species is vested with the National Marine Fisheries Service.

FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN VERMONT

Common Name	Species	Status	County/General Distribution
Eagle, bald	<i>Haliaeetus leucocephalus</i>	T	Nesting: Addison, Windsor, Windham Migratory/ wintering: entire state
Canada lynx	<i>Lynx canadensis</i>	T	Extirpated
Cougar, Eastern	<i>Felis concolor cougar</i>	E	Historic
Wolf, gray	<i>Canis lupus</i>	T	Historic
Bat, Indiana	<i>Myotis sodalis</i>	E	Addison, Chittendon, Rutland, Bennington
Wedge mussel, dwarf	<i>Alasmidonta heterodon</i>	E	Windsor and Windham (Connecticut River main stem)
Beetle, Puritan tiger	<i>Cicindela puritana</i>	T	Extirpated (Connecticut River floodplain)
Jesup's milk-vetch	<i>Astragalus robbinsii</i> var. <i>jesupi</i>	E	Windsor (Hartland)
Small whorled pogonia	<i>Isotria medeoloides</i>	T	Chittendon/historic
Northeastern bulrush	<i>Scirpus ancistrochaetus</i>	E	Windsor, Windham

CONNECTICUT DEP
NATURAL DIVERSITY DATA BASE

**Transportation
Land Development
Environmental** . . .
Services



imagination | innovation | energy Creating results for our clients and benefits for our communities

November 1, 2007

Ref: 41240.18

Vanasse Hangen Brustlin, Inc.

Ms. Jenny Dickson
Wildlife Biologist
Connecticut Department of Environmental Protection
Wildlife Division
Sessions Woods Wildlife Management Area
P.O. Box 1550
Burlington, CT 06013-1550

Re: *Parula Americana* – NDDB #15426
Proposed Verizon Wireless Facility
38 Maple Street
Kent, Connecticut

Dear Ms. Dickson:

Vanasse Hangen Brustlin, Inc. (VHB) understands that the CTDEP Natural Diversity Database (NDDB) indicates that the state species of special concern *Parula americana* (Northern Parula) occurs in the vicinity of the proposed Verizon Wireless project. The proposed Site is depicted on the enclosed USGS topographic map that includes the NDDB information. Copies of correspondences from the NDDB (June 7, 2007) and your office (July 18, 2007) are also enclosed for reference.

Northern Parula constructs nests using *Usnea* lichens (old man's beard) growing on cedars or a variety of other kinds of trees and placed from 3 to 20 feet off the ground.¹ In Connecticut, the Northern Parula relies entirely on this lichen for the construction of its nest and has not made an adjustment to use other kinds of nest materials. The decrease in the Northern Parula as a Connecticut breeder is associated with the loss of *Usnea* lichens.² Northern Parulas prefer woodlands near water (i.e., ponds, lakes, swamps, etc.), including both deciduous and coniferous forest, as long as the lichen is present.³

VHB originally inspected the subject property on January 13, 2007 as part of a wetland delineation investigation. The property is improved with the Town of Kent's transfer station and highway department garage. The structures and infrastructure associated with this usage dominates the

¹ *The Atlas of Breeding Birds of Connecticut*. Louis R. Bevier, Editor. State Geological and Natural History Survey of Connecticut Bulletin 113. Pg. 302.

² *The Atlas of Breeding Birds of Connecticut*. Louis R. Bevier, Editor. State Geological and Natural History Survey of Connecticut Bulletin 113. Pgs. 303.

³ CTDEP Wildlife Division Correspondence, NDDB #15426. Jenny Dickson. July 18, 2007.

subject property. The existing facility generally bisects two maintained and more natural vegetated areas located general along the south and north ends of the Site. A small man-made pond (known locally as Kent's Kids Fishing Hole) is located in the southeast corner of the Site along Maple Street. The pond overflows through a culvert drop structure into a narrow drainage ditch feature with some narrow bordering vegetated wetland and upland areas. The banks of this man-made channel are characterized by moderately steep fill slopes and adjoining developed/disturbed areas. This drainage ditch then enters a culvert under the existing facility and outlets just southwest of a long garage into a relatively narrow forested wetland system. Based on a review of plans prepared by URS Corporation (latest revised date 10-31-07), VHB understands that Verizon Wireless proposes to construct a wireless communications facility in the central portion of the subject property immediately adjacent to an existing storage building. A copy of the site plans is enclosed. The drainage ditch is located approximately 12 feet northeast of the proposed Verizon Wireless facility. Although work is proposed in proximity to nearby wetland resource area, no direct impact to wetlands is proposed for the Verizon Wireless development and no mature vegetation will be removed. The property's developed and vegetated areas are depicted on a color aerial photograph enclosed as *Parula Americana* Habitat Analysis figure.

A subsequent Site inspection was performed on October 4, 2007 to determine if suitable habitat exists on the subject property for Northern Parula. In particular, forest habitat in and surrounding the Site was closely observed to determine if *Usnea* lichens are present. VHB utilized *Lichens of North America* (Brodo, Sharnoff & Sharnoff. Yale University Press. 2001) for the identification and classification of *Usnea* lichens. Photographs of the Site are enclosed.

Dominant vegetation was noted within the wetland corridor west of the pond, generally identified by wetland flags WF 1-09 to 1-29. American elm (*Ulmus americana*) all of which was in poor health or dead, with some white ash (*Fraxinus americana*) dominate the overstory. A few silver maples (*Acer saccharinum*) and American basswoods (*Tilia americana*) were noted on the western tip of this wetland (near wetland flags WF 1-20 to 1-23) and adjacent to the gravel drive that accesses the transfer station. A row of small Eastern hemlocks (*Tsuga canadensis*) exists on the northern edge of the wetland along the gravel access area (near WF 1-15 to 1-20), probably planted as a landscape feature. Jewelweed (*Impatiens capensis*) and Japanese knotweed (*Polygonum cuspidatum*) were dominant in the understory within the wetland. A planted row of large white spruce trees (*Tsuga canadensis*) exists behind the garage along the north property boundary. The overstory within this small flagged wetland area (WF 1-50 to 1-54) along the north boundary is dominated by Eastern cottonwood (*Populus deltoides*). Each over-story tree within the two wetland areas and adjoining uplands, including the row of white spruce trees was inspected for the presence of the *Usnea* lichen. No *Usnea* lichen was observed on the subject property or in proximity to the proposed Verizon Wireless development.

Due to the lack of *Usnea* lichen on the subject property and the general lack of established woodlands on the developed subject property, it is unlikely that Northern Parula occurs on the property. Therefore, the proposed Verizon Wireless project will not adversely impact this species of special concern.



Ms. Jenny Dickson
Project No.: 41240.18
November 1, 2007
Page 3

We respectfully request your written concurrence with our findings to support our application with the Connecticut Siting Council. At your earliest convenience, please forward correspondence to my attention.

Thank you in advance for your prompt consideration of this request.

Very truly yours,

VANASSE HANGEN BRUSTLIN, INC.

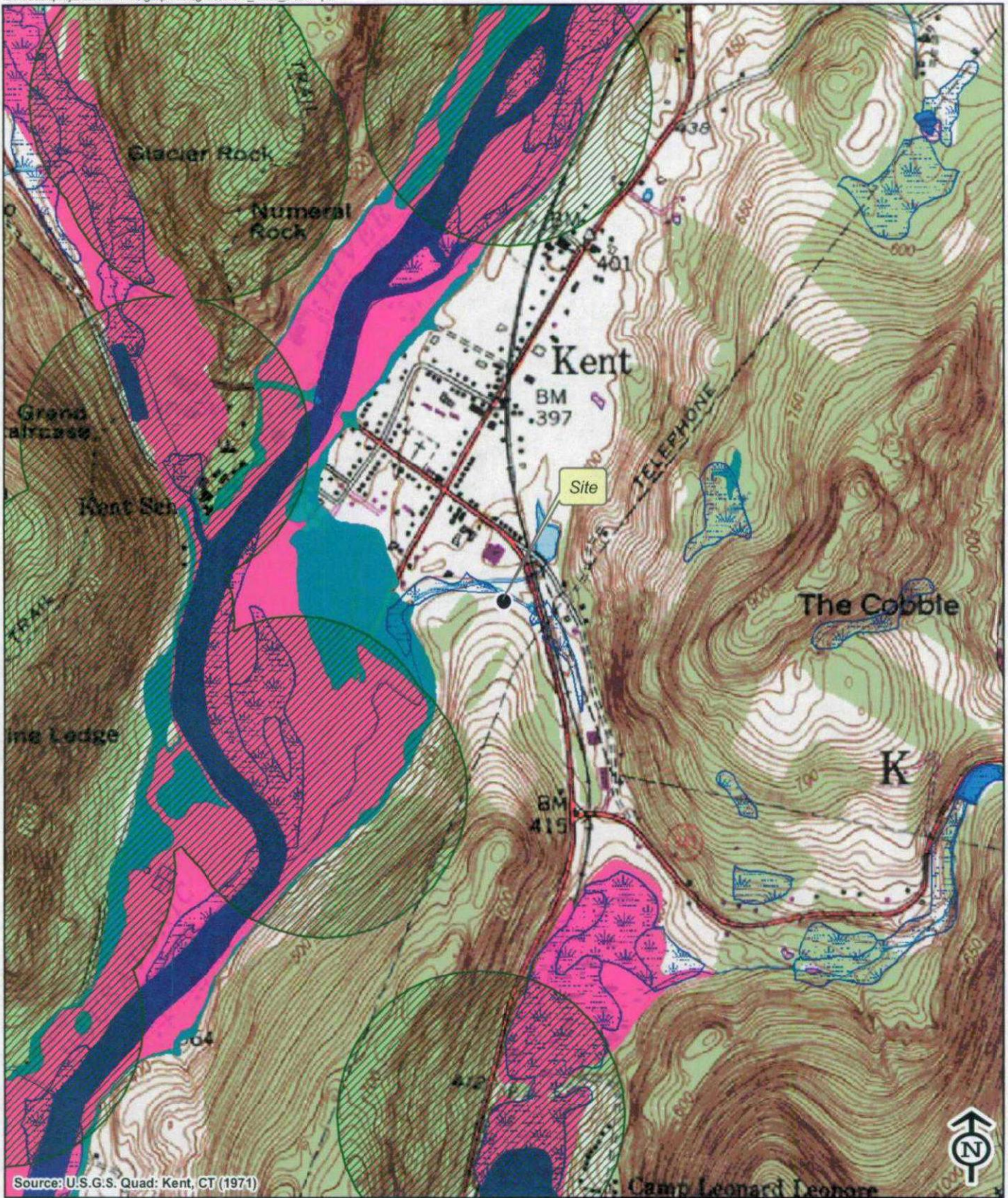


Dean Gustafson
Senior Environmental Scientist

Enclosures

cc: Dawn M. McKay, CTDEP NDDB
Sandy Carter, Verizon Wireless
Kenneth C. Baldwin, Robinson & Cole LLP





Source: U.S.G.S. Quad: Kent, CT (1971)



Legend

- Site
- Natural Diversity Database Areas (buffered; last updated June 2007)
- Wetlands
- Open Water
- FEMA Flood Zone**
- 100 Year Flood Zone
- 500 Year Flood Zone
- Floodway in Zone AE
- Other Flood Areas

Vanasse Hangen Brustlin, Inc.

**Natural Diversity Database (NDDB)
 State and Federally Listed Endangered,
 Threatened, and Special Concern Species
 and Significant Natural Communities Screen
 Proposed Verizon Wireless Facility
 38 Maple Street
 Kent, Connecticut**

October 31, 2007



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Natural Resources
Division of Wildlife
79 Elm Street, 6th Floor
Hartford, CT 06106
Natural Diversity Data Base

June 7, 2007

Ms. Trevelyn Potter
EBI Consulting
21 B Street
Burlington, MA 01803

re: New Verizon Wireless
Telecommunication Facility at 38 Maple
Street in Kent, Connecticut

Dear Ms. Potter:

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map you provided for the proposed new Verizon Wireless telecommunication facility at 38 Maple Street in Kent, Connecticut. According to our information, there are records for State Special Concern *Parula americana* (northern parula) from this area of Kent. I have sent your letter to Jenny Dickson (DEP-Wildlife; 860-675-8130) for further review. Ms. Dickson will write to you directly with her comments regarding this bird.

Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Natural Resources Center's Geological and Natural History Survey and cooperating units of DEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available.

Please contact me if you have further questions at 424-3592. Thank you for consulting the Natural Diversity Data Base. Also be advised that this is a preliminary review and not a final determination. A more detailed review may be conducted as part of any subsequent environmental permit applications submitted to DEP for the proposed site.

Sincerely,


Dawn M. McKay
Biologist/Environmental Analyst 3

Cc: Jenny Dickson, NDDDB #15426



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WILDLIFE DIVISION



SESSIONS WOODS WILDLIFE MANAGEMENT AREA
 P.O. BOX 1550 • BURLINGTON, CT 06013 - 1550
 TELEPHONE (860) 675-8130 • FAX (860) 675-8141

July 18, 2007

Ms. Trevelyn Potter
 EBI Consulting
 21 B Street
 Burlington, MA 01803

Re: Telecommunications facility at 38 Maple Street in Kent, Connecticut

Dear Ms. Potter:

Materials pertaining to the above project were forwarded to me on 6/21/07 by the DEP Natural Diversity Database (NDDDB). The NDDDB indicated that the state species of special concern northern parula (*Parula americana*) occurs in the vicinity of the project.

Northern parulas are strongly tied to *Usnea* lichens for nesting material. This gray-green lichen is often called "old man's beard" and the decline in nesting parulas is linked to the loss of this lichen. In Connecticut, this bird has not made the switch to alternative nesting materials. While it will utilize hemlock or spruce for nesting, it can be found in deciduous or coniferous stands as long as the lichen is present. The nesting season for this bird is May through August. Generally, northern parulas prefer woodlands near water (ponds, lakes, swamps, etc.).

Some potential impacts to this and other avian species through tower kills during migration can be reduced through the tower design process. It does appear from the material I received that the height and style of the proposed tower are consistent with current recommendations for minimizing bird strikes. Two other issues relating to bird strikes involve tower lighting and geographic location. In general, towers located along ridgelines have a greater potential for bird strikes. While the current location is not on a ridgeline, it occurs between two ridgelines and is adjacent to the Housatonic River, a major migration corridor. This makes lighting and design details more significant in reducing the potential overall impact.

The Wildlife Division has not made an on-site inspection of the project area. Consultation with this office should not be substituted for site-specific surveys that may be required for environmental assessments. This is a preliminary site review and is not a final determination. A more detailed review may be conducted as part of any subsequent environmental permit applications submitted to the DEP for the proposed site. Please be advised that should state permits be required or should state involvement occur in some other fashion, specific restrictions or conditions relating to the species discussed above may apply. In this situation, additional evaluation of the proposal by the DEP Wildlife Division should be requested and species-specific surveys may be required.

Please feel free to contact me if you have additional questions regarding northern parulas.

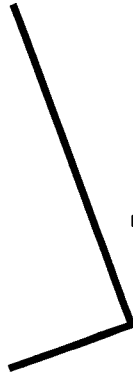
Sincerely,

Jenny Dickson
 Wildlife Biologist

JD/s
 cc: D. McKay - 15426

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CELLCO PARTNERSHIP DBA

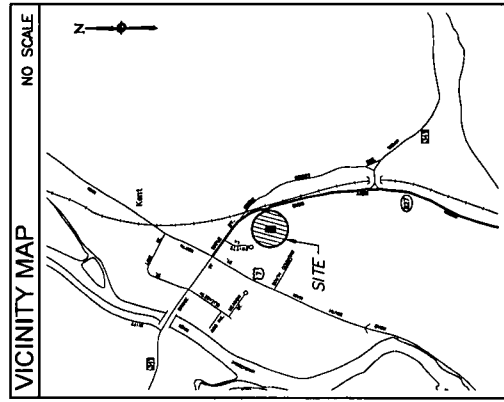


verizon wireless

WIRELESS COMMUNICATIONS FACILITY

KENT

38 MAPLE STREET
KENT, CONNECTICUT 06757



PROJECT SUMMARY

SITE NAME:	KENT
SITE ADDRESS:	38 MAPLE STREET KENT, CONNECTICUT 06757
CONTACT PERSON:	CELLCO PARTNERSHIP DBA CELLCO WIRELESS SMART CENTER (860) 800-9411
PROPERTY OWNER:	1700 GREEN BULLEWARD KENT, CONNECTICUT 06757
LATITUDE:	41°-03'-18.85"
LONGITUDE:	73°-25'-39.57"
GROUND ELEVATION:	361'
ADDRESS BY LOCALITY:	MAP 4, BLOCK 12, LOT 4 ROCKY HILL, CT
JURISDICTION:	CONNECTICUT SITING COUNCIL
APPLICANT:	URS CORPORATION A.E.S. SUITE 30 ROCKY HILL, CT 06067
42/CP NUMBER:	URS CORPORATION A.E.S. 500 ENTERPRISE DRIVE ROCKY HILL, CT 06067
SUBMITTER:	URS CORPORATION A.E.S. SUITE 30 ROCKY HILL, CT 06067

LEGEND

SYMBOL	DESCRIPTION
	SECTION OR DETAIL NUMBER SHEET WHERE DETAIL/SECTION OCCURS
	ELEVATION NUMBER SHEET WHERE ELEVATION OCCURS

ABBREVIATIONS

W/L	WIRELESS
FIELD	FIELD
ON CENTER	ON CENTER
PSF	POUND/SQUARE FOOT
TYP.	TYPICAL
FEET	FEET
SQ.FT.	SQUARE FEET
N/A	NOT APPLICABLE

SHEET INDEX

SHEET NO.	DESCRIPTION
T-1	TITLE SHEET - GENERAL NOTES AND LEGENDS
SC-1	SITE PLAN
SC-2	COMPOUND PLAN AND TOWER ELEVATION
SC-3	SITE DETAILS AND NOTES
SC-4	EQUIPMENT SHEDDER ELEVATIONS, DETAILS AND NOTES
SC-5	ASBUTTES MAP AND LIST

CELLCO PARTNERSHIP
DBA
verizon wireless

38 MAPLE STREET
KENT, CONNECTICUT 06757

PROJECT NO: 36831022
JOB NO: V1-197
DRAWN BY: JES
CHECKED BY:

ISSUED FOR

06-11-07	REVISED
06-24-07	REVISED
06-24-07	ISSUED
06-14-07	FINAL
06-28-07	FINAL REVISED
06-30-07	FINAL REVISED

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KENT
38 MAPLE STREET
KENT, CONNECTICUT 06757

SCALE: AS NOTED

TITLE SHEET GENERAL NOTES AND LEGENDS

T-1

CELCO PARTNERSHIP
DBA
verizon wireless

500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-800-526-8882

PROJECT NO: 30931022

JOB NO: V21-107

DRAWN BY: JES
CHECKED BY:

ISSUED FOR	DATE
02-14-07 REVIEW	
02-26-07 REVIEW	
02-11-07 TOWN REVIEW	
02-11-07 PERM.	
02-25-07 PERM. EXEMPT	
12-31-07 PERM. EXEMPT	

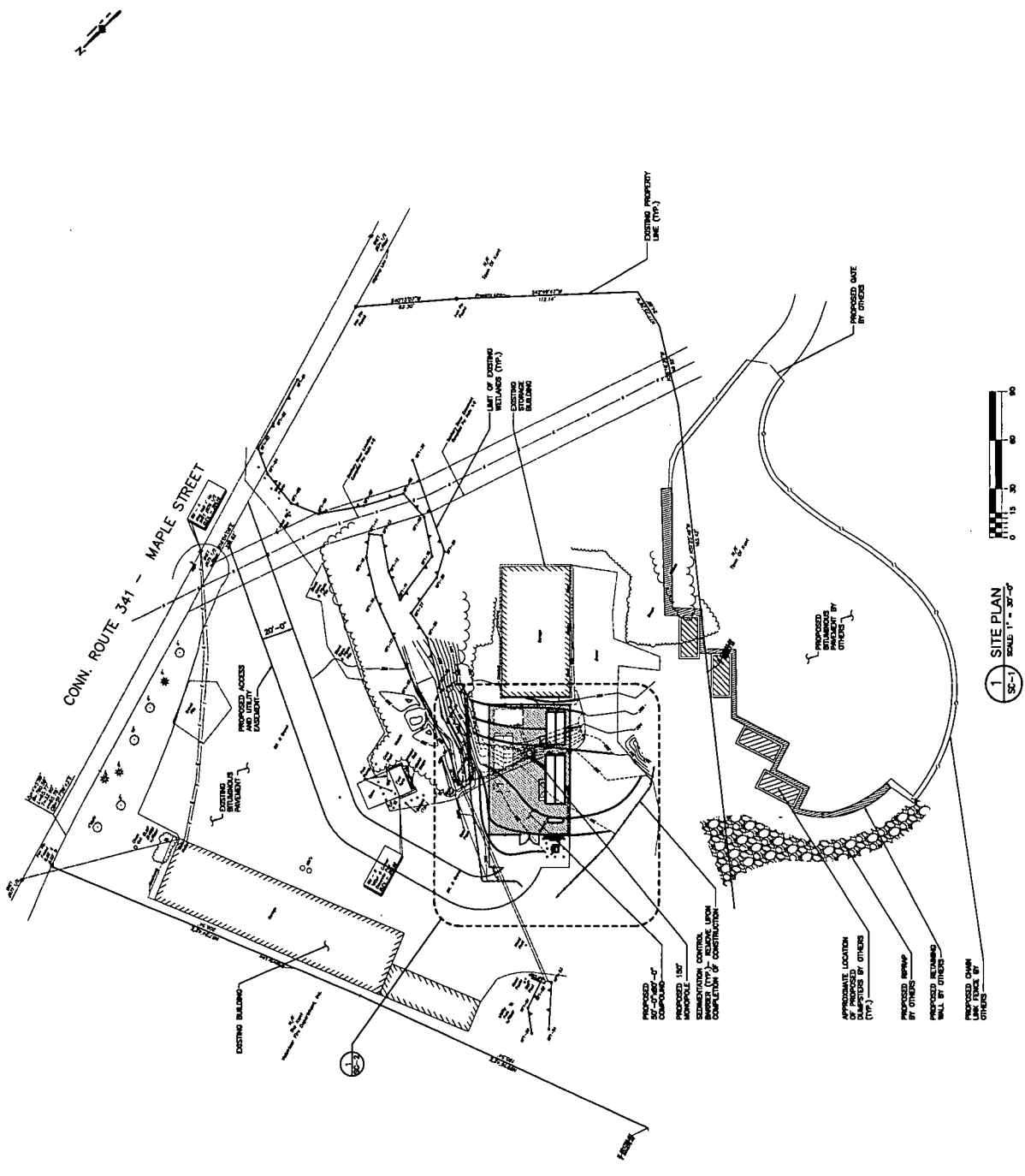
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KENT
30 MAPLE STREET
KENT, CONNECTICUT 06757

SCALE: AS NOTED

SITE PLAN

SC-1



1 SITE PLAN
SC-1 SCALE 1" = 30'-0"

CELCO PARTNERSHIP
DBA
verizon wireless

500 ENTERPRISE DRIVE
SUITE 308
ROCKY HILL, CONNECTICUT
14600-500-0002

PROJECT NO: 36831022

JOB NO: VZ-1-197

DRAWN BY: JES

CHECKED BY:

ISSUED FOR:

THE INFORMATION CONTAINED
HEREIN IS PROPRIETARY TO
ANY USE OR DISCLOSURE
OTHER THAN THAT FOR WHICH
IT IS STRICTLY PROHIBITED.

KENT
36 MAPLE STREET
KENT, CONNECTICUT 06757

SCALE: AS NOTED

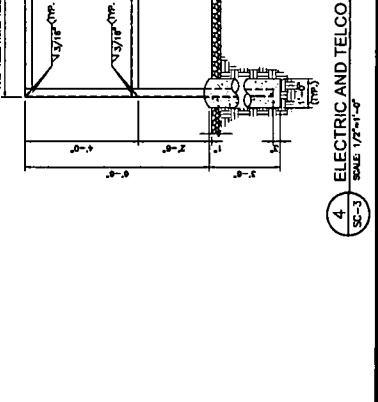
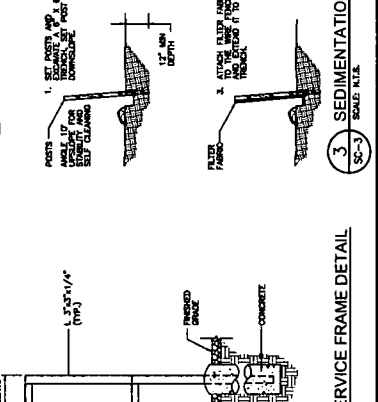
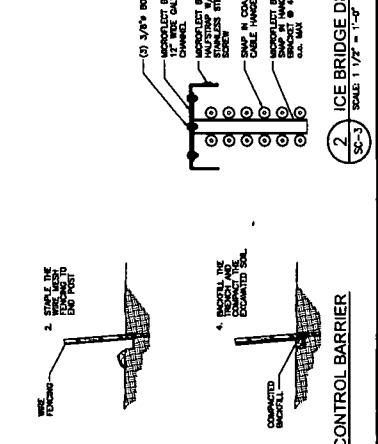
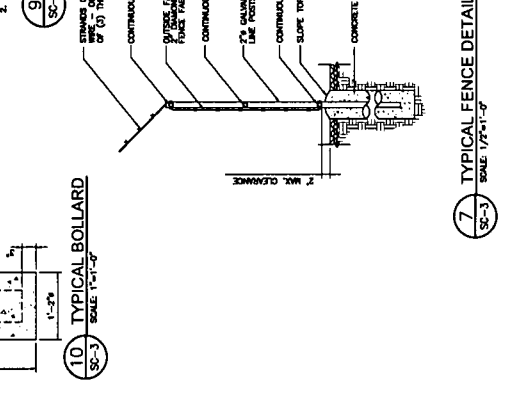
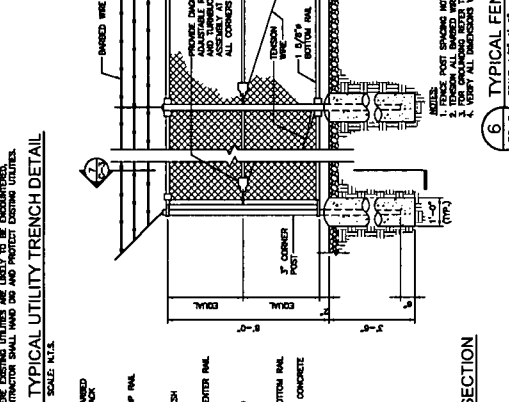
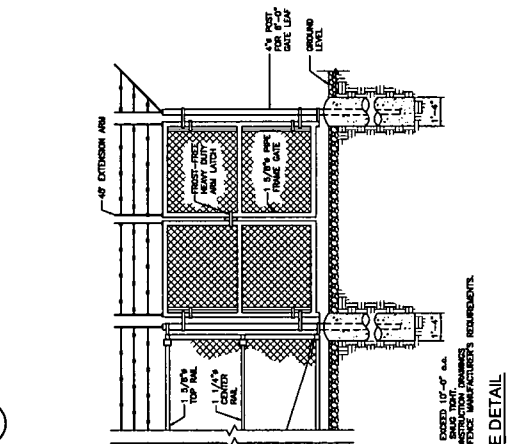
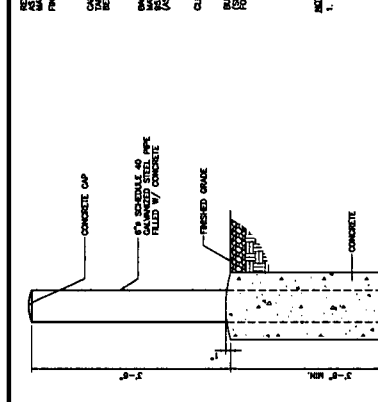
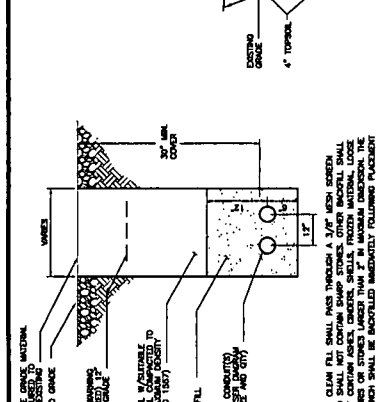
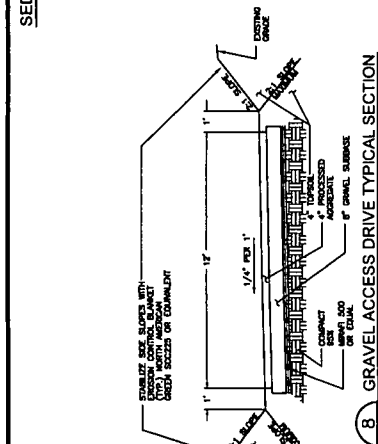
SITE DETAILS
AND NOTES

SC-3

SEDIMENTATION CONTROL FENCE SPECIFICATIONS

MAINTENANCE

1. THE FENCE SHALL BE MAINTAINED IN PROPER WORKING ORDER AT ALL TIMES. THE FENCE SHALL BE MAINTAINED IN PROPER WORKING ORDER AT ALL TIMES. THE FENCE SHALL BE MAINTAINED IN PROPER WORKING ORDER AT ALL TIMES.
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11 ICE BRIDGE DETAIL
SCALE: 1" = 1'-0"

12 ICE BRIDGE DETAIL
SCALE: 1" = 1'-0"

13 SEDIMENTATION CONTROL BARRIER
SCALE: N.T.S.

14 ELECTRIC AND TELCO SERVICE FRAME DETAIL
SCALE: 1/2" = 1'-0"

STRUCTURAL NOTES

1. THE BEARING CAPACITY OF SOILS HAS BEEN ASSUMED TO BE THAT OF THE LOCAL AVERAGE. CONTRACTOR RESPONSIBLE FOR VERIFYING BEARING CAPACITY.
2. ALL SURFACES MUST BE FREE OF STANDING WATER PRIOR TO PLACING CONCRETE.
3. CONNECTED GROUND FILL PER CONNECTOUT DOT STANDARD SPEC.
4. CONTRACT THE ENGINEER IF GROUND WATER IS ENCOUNTERED AND REMEDIATION IS REQUIRED.

CONCRETE

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 308, 309, AND 318 AND THE SPECIFICATION CAST-IN-PLACE CONCRETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE APPROVED TEST RESULTS FOR ALL CONCRETE WORK. ALL CONCRETE SHALL BE PROTECTED FROM FREEZING AND THAWING DAMAGE BY THE CONTRACTOR. ALL CONCRETE SHALL BE COVERED WITH 2" OF FRESH CONCRETE COVER UNTIL IT IS PROTECTED FROM WEATHER AND DAMAGE. ALL CONCRETE SHALL BE PROTECTED FROM WEATHER AND DAMAGE BY THE CONTRACTOR.

CONCRETE COVER TO LIGHT ON WALLS:

- 1. #4 AND LARGER 1/2" MIN.
- 2. #3 AND SMALLER 3/8" MIN.
- 3. ALL REINFORCEMENT SHALL BE COVERED WITH 1/2" MIN. OF CONCRETE.

SLABS AND WALLS

- 1. #4 AND LARGER 1/2" MIN.
- 2. #3 AND SMALLER 3/8" MIN.

REINFORCEMENT

1. ALL REINFORCEMENT SHALL BE PROVIDED AT ALL CORNERS, ENDS AND JOINTS OF CONCRETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE APPROVED TEST RESULTS FOR ALL REINFORCEMENT WORK. ALL REINFORCEMENT SHALL BE PROTECTED FROM FREEZING AND THAWING DAMAGE BY THE CONTRACTOR. ALL REINFORCEMENT SHALL BE COVERED WITH 2" OF FRESH CONCRETE COVER UNTIL IT IS PROTECTED FROM WEATHER AND DAMAGE. ALL REINFORCEMENT SHALL BE PROTECTED FROM WEATHER AND DAMAGE BY THE CONTRACTOR.

FOUNDATION NOTES

1. THE FOUNDATION SHALL BE DESIGNED AND MANUFACTURED TO MEET ALL STATE AND LOCAL CODES. THE LAYOUT SHALL BE COORDINATED WITH THE VERION WIRELESS CONTRACTOR. THE FOUNDATION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED TEST RESULTS FOR ALL FOUNDATION WORK. ALL FOUNDATION SHALL BE PROTECTED FROM FREEZING AND THAWING DAMAGE BY THE CONTRACTOR. ALL FOUNDATION SHALL BE COVERED WITH 2" OF FRESH CONCRETE COVER UNTIL IT IS PROTECTED FROM WEATHER AND DAMAGE. ALL FOUNDATION SHALL BE PROTECTED FROM WEATHER AND DAMAGE BY THE CONTRACTOR.

DESIGN LOAD CRITERIA

DESIGN WINDSPEED	150 MPH (3 SECOND GUST)
DESIGN WINDSPEED CATEGORY	II
DESIGN WINDSPEED FACTOR (K ₁)	1.0
DESIGN WINDSPEED FACTOR (K ₂)	0.85 (FOR EXPOSED WALLS)
DESIGN WINDSPEED FACTOR (K ₃)	1.0 (FOR EXPOSED WALLS)
DESIGN WINDSPEED FACTOR (K ₄)	1.0 (FOR EXPOSED WALLS)
DESIGN WINDSPEED FACTOR (K ₅)	1.0 (FOR EXPOSED WALLS)
DESIGN WINDSPEED FACTOR (K ₆)	1.0 (FOR EXPOSED WALLS)
DESIGN WINDSPEED FACTOR (K ₇)	1.0 (FOR EXPOSED WALLS)

CELCO PARTNERSHIP
DBA
verizon wireless

500 ENTERPRISE DRIVE
SUITE 3B
ROCKY HILL, CONNECTICUT
08601-3502

PROJECT NO: J0931022
JOB NO: V21-197
DRAWN BY: RHM
CHECKED BY:

ISSUED FOR:

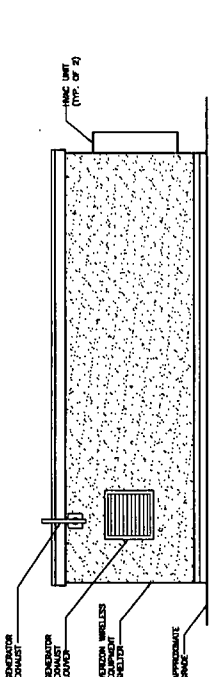
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11-04-07	REVISED
11-05-07	REVISED
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11-07-07	REVISED
11-08-07	REVISED
11-09-07	REVISED
11-10-07	REVISED
11-11-07	REVISED
11-12-07	REVISED

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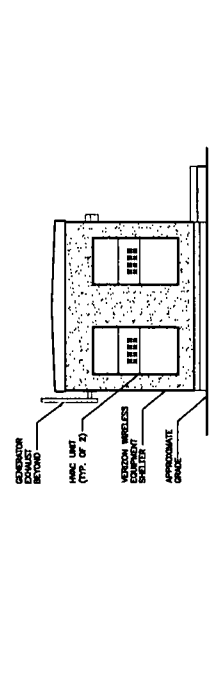
KENT
38 MAPLE STREET
KENT, CONNECTICUT 06757

SCALE: AS NOTED
EQUIPMENT SHELTER ELEVATIONS, DETAILS AND NOTES

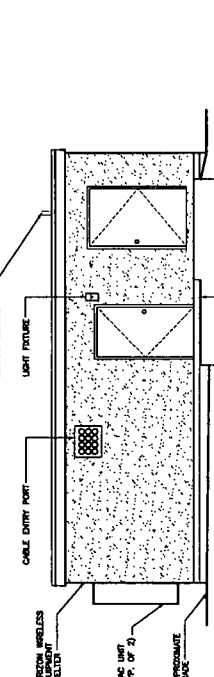
SC-4



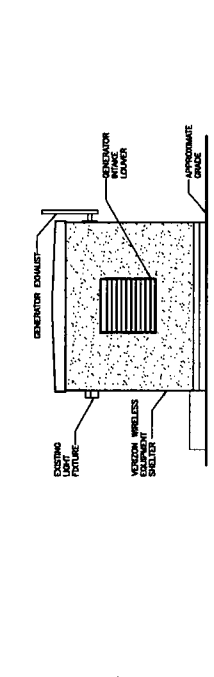
8 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



9 EAST ELEVATION
SCALE: 1/4" = 1'-0"



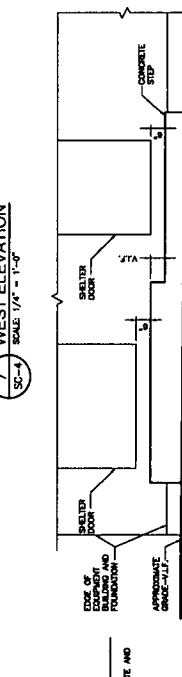
6 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



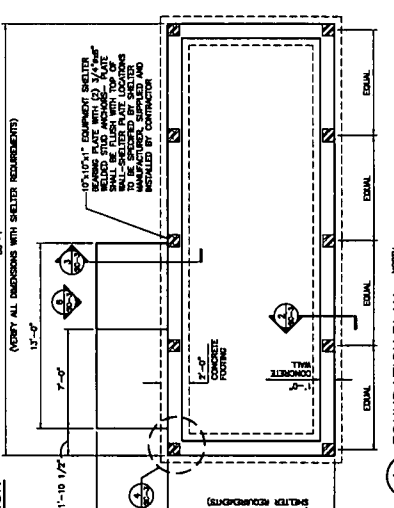
7 WEST ELEVATION
SCALE: 1/4" = 1'-0"



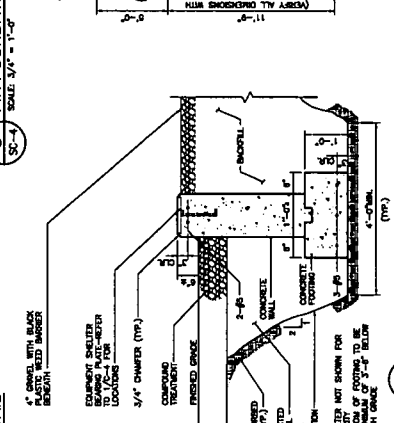
5 PIN FOUNDATION
SCALE: 3/4" = 1'-0"



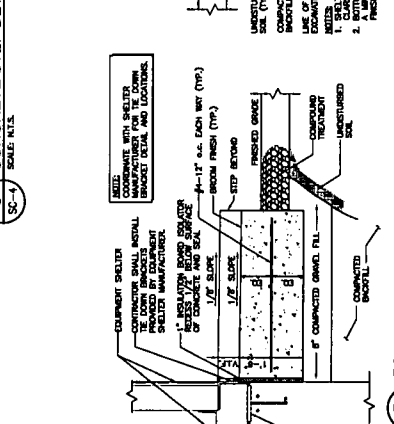
6 CONCRETE STEP DETAIL
SCALE: 1/4" = 1'-0"



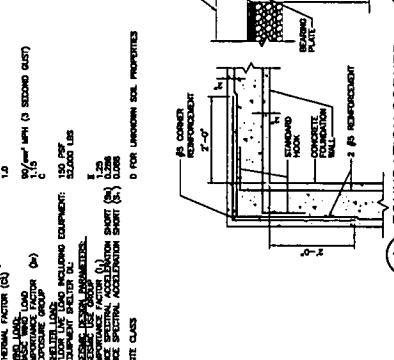
1 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



2 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



3 FOUNDATION WALL DETAIL
SCALE: 3/4" = 1'-0"



4 FOUNDATION CORNER
SCALE: 3/4" = 1'-0"

CELLCO PARTNERSHIP
DBA
verizon wireless

500 ENTERPRISE DRIVE
ROCKY HILL, CONNECTICUT
1-800-552-8822

PROJECT NO: 36831022
JOB NO: V21-197
DRAWN BY: JES
CHECKED BY:

ISSUED FOR:
02-12-07 1899
02-28-07 1899
08-12-07 1899
08-14-07 1899
08-25-07 1899
10-31-07 1899

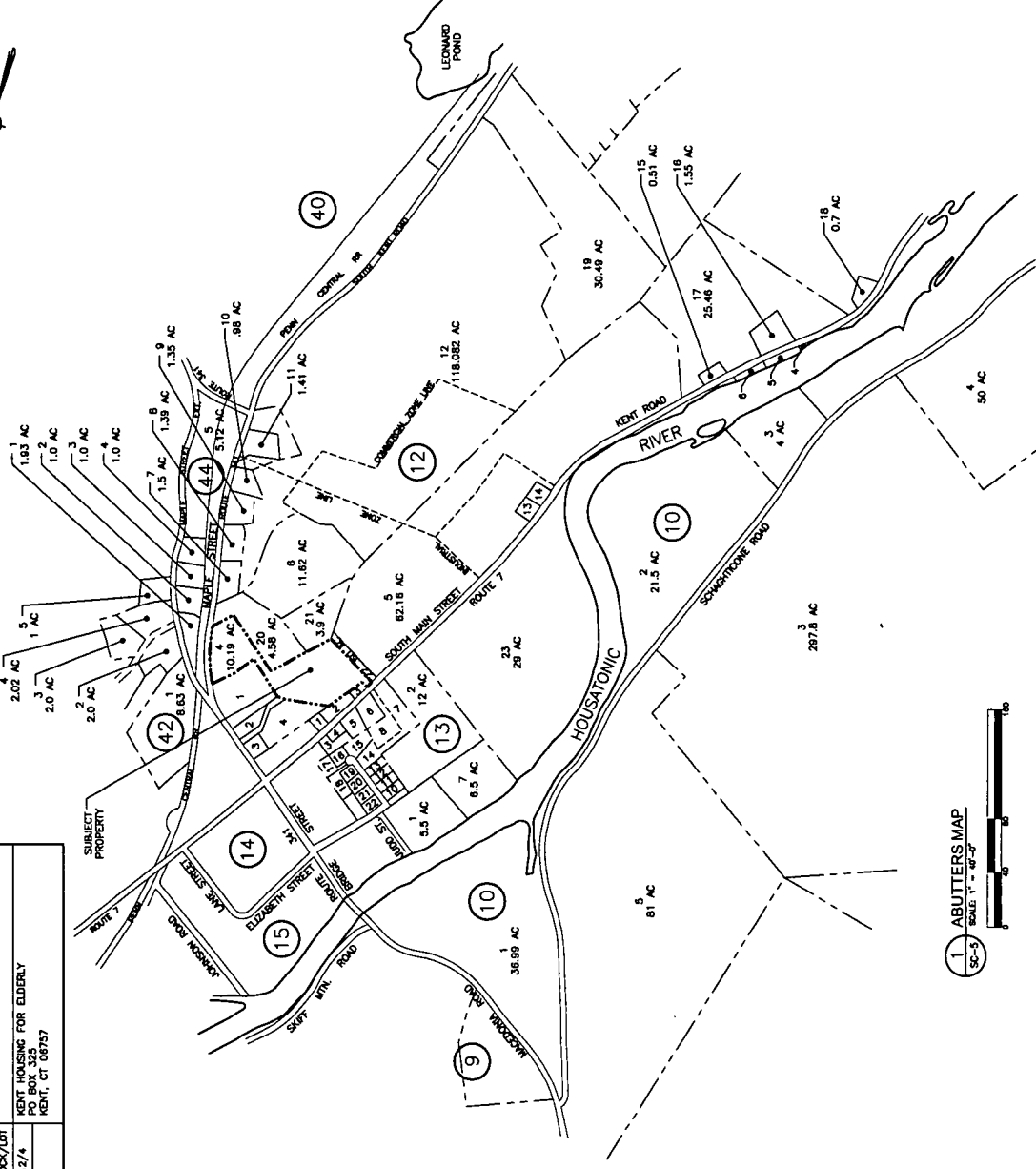
THE INFORMATION CONTAINED
HEREIN IS PROPRIETARY TO
CELLCO PARTNERSHIP. ANY
USE OR DISCLOSURE
OF THIS INFORMATION
RELATES TO VERIZON WIRELESS
IS STRICTLY PROHIBITED.

KENT
38 MAPLE STREET
KENT, CONNECTICUT 06757

SCALE: AS NOTED

ABUTTERS MAP
AND LIST

SC-5



1 ABUTTERS MAP
SCALE: 1" = 40'-0"





MAP/BLOCK/LOT	19/12/3
	TOWN OF KENT PO BOX 678 KENT, CT 06757
MAP/BLOCK/LOT	19/12/4
	KENT HOUSING FOR ELDERLY PO BOX 325 KENT, CT 06757

MAP/BLOCK/LOT	ABUTTERS LIST
4/12/20 (4.5 ACRES)	MAPLE STREET TOWN OF KENT PO BOX 678 KENT, CT 06757
4/12/21 (3.9 ACRES)	22 SOUTH COMMONS SOUTH COMMON LIMITED PARTNERSHIP c/o COMMUNITY BUILDERS INC. ATTN: MG LOPEZ 85 BERRILEY STREET, SUITE 502 BOSTON, MA 02116
4/12/22 (.80 ACRES)	SOUTH MAIN STREET TOWN OF KENT PO BOX 678 KENT, CT 06757
4/12/3 (.18 ACRES)	31 SOUTH MAIN STREET KOLEEN H. AND ROBERT H. INDOOR F., JR. 88 STUDIO HILL ROAD KENT, CT 06757
4/12/2 (.61 ACRES)	25 SOUTH MAIN STREET MARLAN F. PANCOSHA 25 SOUTH MAIN STREET KENT, CT 06757
4/12/1 (.25 ACRES)	23 SOUTH MAIN STREET WILLIAM PAUL AND BETH HELENE DOLEY 120 FULLER MTH ROAD KENT, CT 06757
4/13/6 (.25 ACRES)	30 SOUTH MAIN STREET DEBORAH A. AND BRUCE D. BENNETT 107 PREAM HILL ROAD WEST CORNWALL, CT 06786
4/12/1 (8.63 ACRES)	MAPLE STREET EXT. J. E. CASEY JR. & CASSY DONOR JOHN F. AND DOROTHY CASEY PO BOX 218 KENT, CT 06757
4/14/1 (1.9 ACRES)	18 MAPLE STREET EXT. AURORA PROPERTY MANAGEMENT 391 KENT CORNWALL ROAD KENT, CT 06757
4/14/2 (1.0 ACRES)	20 MAPLE STREET EXT. KENT TRUST INC. PO BOX 821 KENT, CT 06757
4/12/5 (62.16 ACRES)	SOUTH MAIN STREET KENT LAND TRUST INC. PO BOX 66 KENT, CT 06757
4/13/2 (62.16 ACRES)	SOUTH MAIN STREET KENT LAND TRUST INC. PO BOX 66 KENT, CT 06757
19/12/1	KENT VOLUNTEER FIRE DEPARTMENT PO BOX 355 KENT, CT 06757
19/12/2	KENT VOLUNTEER FIRE DEPARTMENT PO BOX 355 KENT, CT 06757



Source: 2006 Aerial Photograph

Legend

-  Proposed Site Location
-  Approximate Property Boundary
-  Natural Diversity Database Areas (buffered; last updated June 2007)
-  Wetlands



Vanasse Hangen Brustlin, Inc.

***Parula americana* Habitat Analysis**
Proposed Verizon Wireless
Telecommunications Facility
38 Maple Street
Kent, Connecticut



Vanasse Hangen Brustlin, Inc.
PHOTOLOG DOCUMENTATION
Proposed Verizon Wireless Kent Facility
October 4, 2007



Photo 1 : View of transfer station gravel drive with Wetland 1 in background and proposed Verizon Wireless facility to the right near dumpster and just out of the photo, looking northeast.



Photo 2: Overview of Wetland 1, looking south from highway garage/transfer station access.

Vanasse Hangen Brustlin, Inc.
PHOTOLOG DOCUMENTATION
Proposed Verizon Wireless Kent Facility
October 4, 2007



Photo 3 : View of interior of Wetland 1, looking west from pond outfall.

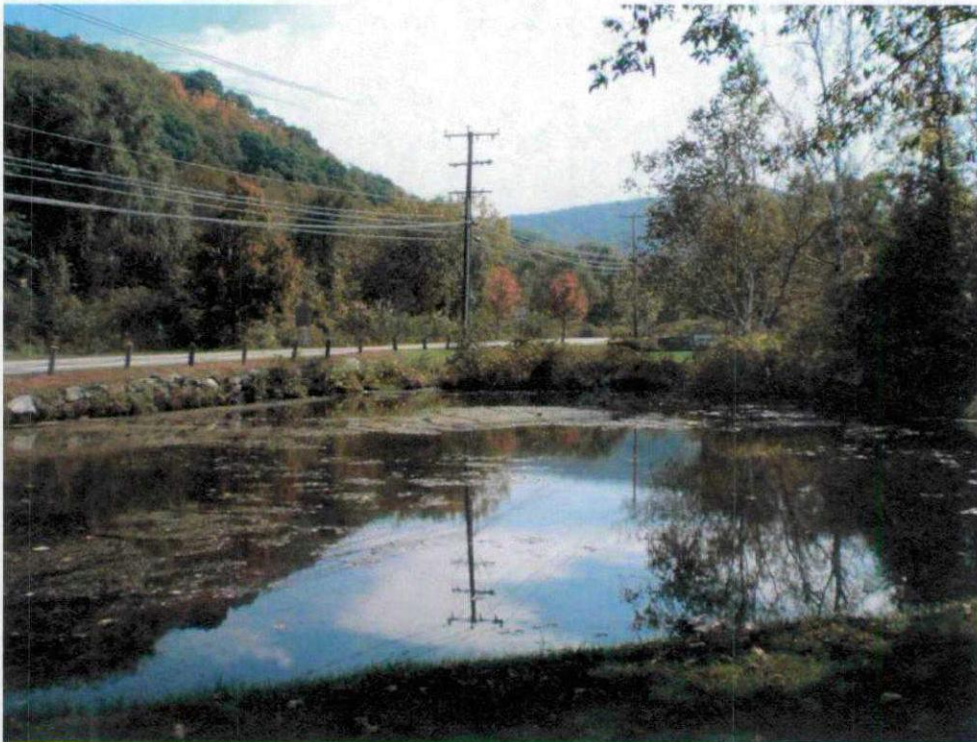


Photo 4: View of pond (Kent Kid's Fishing Hole), looking east with Maple Street in the background.

Vanasse Hangen Brustlin, Inc.
PHOTOLOG DOCUMENTATION
Proposed Verizon Wireless Kent Facility
October 4, 2007



Photo 5 : View of Town of Kent Highway Dept. garage with white spruce trees behind, looking north.



Photo 6: View of white spruce trees behind garage, looking south from adjoining property.



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
WILDLIFE DIVISION



SESSIONS WOODS WILDLIFE MANAGEMENT AREA
P.O. BOX 1550 • BURLINGTON, CT 06013 - 1550
TELEPHONE (860) 675-8130 • FAX (860) 675-8141

July 18, 2007

Ms. Trevelyn Potter
EBI Consulting
21 B Street
Burlington, MA 01803

Re: Telecommunications facility at 38 Maple Street in Kent, Connecticut

Dear Ms. Potter:

Materials pertaining to the above project were forwarded to me on 6/21/07 by the DEP Natural Diversity Database (NDDB). The NDDB indicated that the state species of special concern northern parula (*Parula americana*) occurs in the vicinity of the project.

Northern parulas are strongly tied to *Usnea* lichens for nesting material. This gray-green lichen is often called "old man's beard" and the decline in nesting parulas is linked to the loss of this lichen. In Connecticut, this bird has not made the switch to alternative nesting materials. While it will utilize hemlock or spruce for nesting, it can be found in deciduous or coniferous stands as long as the lichen is present. The nesting season for this bird is May through August. Generally, northern parulas prefer woodlands near water (ponds, lakes, swamps, etc.).

Some potential impacts to this and other avian species through tower kills during migration can be reduced through the tower design process. It does appear from the material I received that the height and style of the proposed tower are consistent with current recommendations for minimizing bird strikes. Two other issues relating to bird strikes involve tower lighting and geographic location. In general, towers located along ridgelines have a greater potential for bird strikes. While the current location is not on a ridgeline, it occurs between two ridgelines and is adjacent to the Housatonic River, a major migration corridor. This makes lighting and design details more significant in reducing the potential overall impact.

The Wildlife Division has not made an on-site inspection of the project area. Consultation with this office should not be substituted for site-specific surveys that may be required for environmental assessments. This is a preliminary site review and is not a final determination. A more detailed review may be conducted as part of any subsequent environmental permit applications submitted to the DEP for the proposed site. Please be advised that should state permits be required or should state involvement occur in some other fashion, specific restrictions or conditions relating to the species discussed above may apply. In this situation, additional evaluation of the proposal by the DEP Wildlife Division should be requested and species-specific surveys may be required.

Please feel free to contact me if you have additional questions regarding northern parulas.

Sincerely,

Jenny Dickson
Wildlife Biologist

JD/ls
cc: D. McKay - 15426

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STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Natural Resources
Division of Wildlife
79 Elm Street, 6th Floor
Hartford, CT 06106
Natural Diversity Data Base

June 7, 2007

Ms. Trevelyn Potter
EBI Consulting
21 B Street
Burlington, MA 01803

re: New Verizon Wireless
Telecommunication Facility at 38 Maple
Street in Kent, Connecticut


Dear Ms. Potter:

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map you provided for the proposed new Verizon Wireless telecommunication facility at 38 Maple Street in Kent, Connecticut. According to our information, there are records for State Special Concern *Parula americana* (northern parula) from this area of Kent. I have sent your letter to Jenny Dickson (DEP-Wildlife; 860-675-8130) for further review. Ms. Dickson will write to you directly with her comments regarding this bird.

Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Natural Resources Center's Geological and Natural History Survey and cooperating units of DEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available.

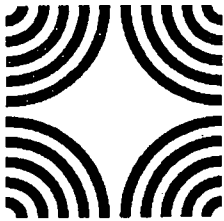
Please contact me if you have further questions at 424-3592. Thank you for consulting the Natural Diversity Data Base. Also be advised that this is a preliminary review and not a final determination. A more detailed review may be conducted as part of any subsequent environmental permit applications submitted to DEP for the proposed site.

Sincerely,


Dawn M. McKay
Biologist/Environmental Analyst 3

Cc: Jenny Dickson, NDDB #15426

CONNECTICUT STATE
HISTORIC PRESERVATION OFFICER



Connecticut Commission on Culture & Tourism

October 24, 2006

Historic Preservation
& Museum Division

Mr. Kenneth C. Baldwin
Robinson & Cole
280 Trumbull Street
Hartford, CT 06106

59 South Prospect Street
Hartford, Connecticut
06106

(v) 860.566.3005
(f) 860.566.5078

Subject: Proposed Telecommunications Facility
38 Maple Street
Kent, Connecticut
Verizon Wireless

Dear Mr. Baldwin:

The State Historic Preservation Office is in receipt the above-referenced project, submitted for review and comment pursuant to the National Historic Preservation Act and in accordance with Federal Communications Commission regulations.

After an on-site inspection facilitated by use of a 150' crane, this office has determined that while the proposed installation is partially visible from certain limited areas within the town center, it appears to have no adverse effect on cultural resources listed or eligible for listing on the National Register of Historic Places, with the following condition:

if not in use for six consecutive months, the antennae and equipment shall be removed by the telecommunications facility owner. This removal shall occur within 90 days of the end of such six-month period.

The State Historic Preservation Office appreciates the opportunity to provide R&C with this evaluation. Please contact Susan Chandler, Historical Architect, should you have additional questions concerning this matter.

Sincerely,

Karen Senich
Deputy State Historic Preservation Officer