

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

Connecticut Siting Council

APPLICATION OF CELLCO PARTNERSHIP
D/B/A VERIZON WIRELESS

VOLUNTOWN FACILITY

DOCKET NO. _____

SEPTEMBER 2, 2010



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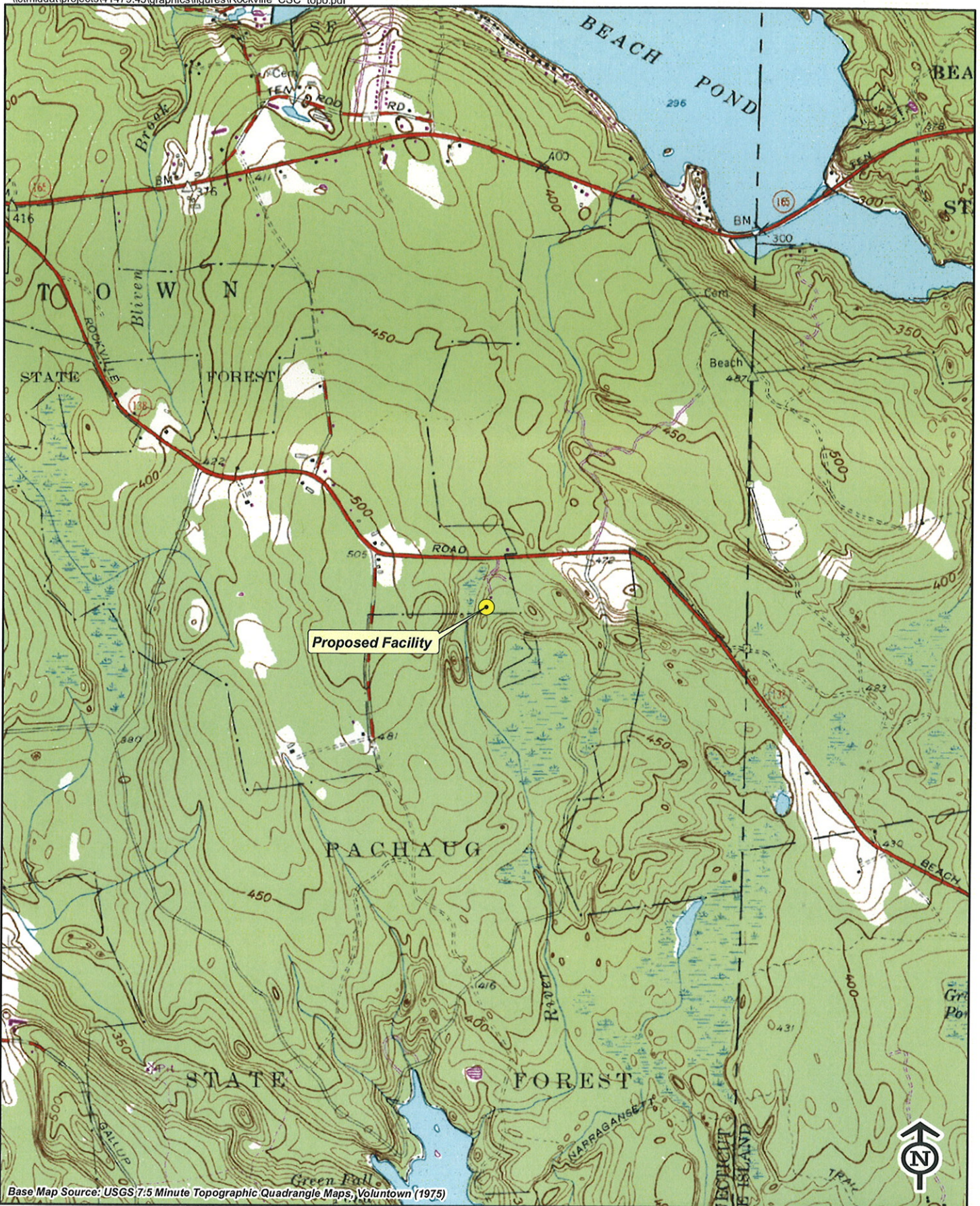
EXECUTIVE SUMMARY

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) (“Applicant”), proposes to construct a telecommunications tower and related facility (the “Voluntown Facility”) at one of two locations in the easterly portion of the Town of Voluntown. The Voluntown Facility will provide coverage and capacity relief to Cellco customers along significant portions of Routes 138, 165 and 49, as well as local roads in the easterly portion of Voluntown.

The first alternative site would be located on a 11.2 acre parcel at 422 Rockville Road in Voluntown (“Site 1”). At Site 1, Cellco proposes the construction of a 160-foot telecommunications tower. Cellco will install fifteen (15) panel-type antennas, with their centerline at the 160-foot level on the tower. The top of Cellco’s antennas will extend to an overall height of 163 feet above ground level (“AGL”). Cellco would also install a 12’ x 24’ shelter on the ground near the base of the tower to house its radio equipment and a diesel-fueled back-up generator. The tower and equipment shelter will be located within a 50’ x 50’ fenced compound. Vehicular access to Site 1 would extend from Rockville Road over the property owner’s existing dirt and gravel driveway, a distance of approximately 720 feet, then over a new gravel driveway extension, an additional distance of approximately 170 feet to the site compound. Utilities would extend from existing service along Rockville Road.

The second alternative site would be located on a 9.5 acre parcel at 81 James Road (“Site 2”) Cellco proposes the construction of a 160-foot telecommunications tower at Site 2. Cellco would install fifteen (15) panel-type antennas with their centerline at the 160-foot level on the tower. The top of Cellco’s antennas would extend to an overall height of 163 feet AGL. Cellco would also install a 12’ x 24’ shelter on the ground near the base of the tower and a diesel-fueled

back-up generator. The tower and equipment shelter would be located within a 50' x 50' compound area. Vehicular access to Site 2 would extend from James Road over the property owner's existing paved driveway a distance of approximately 155 feet then over a new gravel driveway an additional distance of approximately 680 feet to the site compound. Utilities would also extend from existing service along James Road.



Base Map Source: USGS 7.5 Minute Topographic Quadrangle Maps, Voluntown (1975)



Vanasse Hangen Brustlin, Inc.

USGS Topographic Map
Proposed Verizon Wireless
Telecommunications Facility
Voluntown - Site 1
422 Rockville Road
Voluntown, Connecticut



Quadrangle Location





Base Map Source: 2006 Color Aerial Photograph with 1 foot Resolution



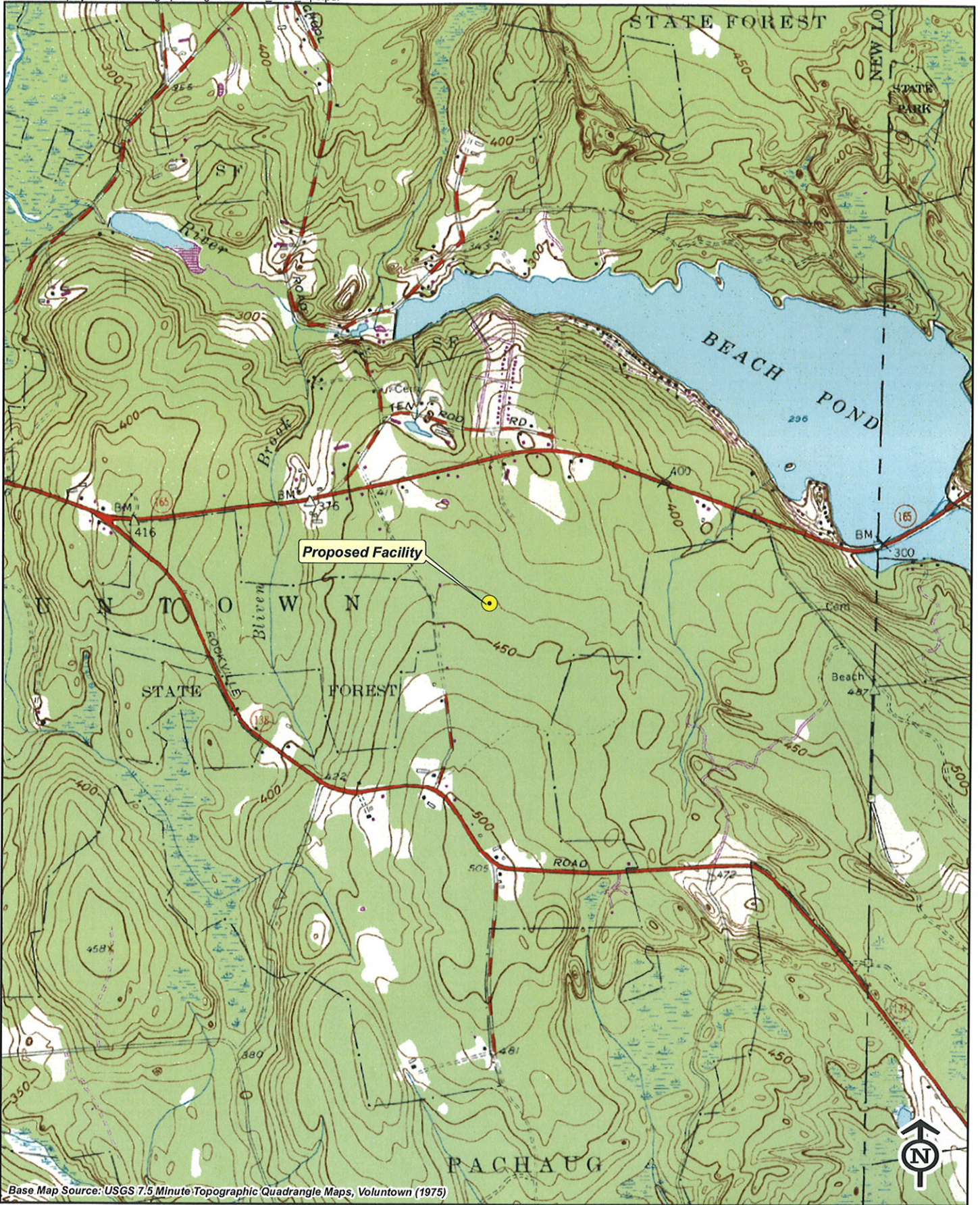
Vanasse Hangen Brustlin, Inc.

Aerial Photograph
Proposed Verizon Wireless
Telecommunications Facility
Voluntown - Site 1
422 Rockville Road
Voluntown, Connecticut



Quadrangle Location





Base Map Source: USGS 7.5 Minute Topographic Quadrangle Maps, Voluntown (1975)



Vanasse Hangen Brustlin, Inc.

USGS Topographic Map
 Proposed Verizon Wireless
 Telecommunications Facility
 Voluntown - Site 2
 81 James Road
 Voluntown, Connecticut



Quadrangle Location



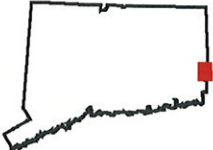


Base Map Source: 2006 Color Aerial Photograph with 1 foot Resolution



Vanasse Hangen Brustlin, Inc.

Aerial Photograph
Proposed Verizon Wireless
Telecommunications Facility
Voluntown - Site 2
81 James Road
Voluntown, Connecticut



Quadrangle Location



**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

IN RE: :
 :
APPLICATION OF CELLCO PARTNERSHIP : **DOCKET NO. ____**
D/B/A VERIZON WIRELESS FOR A :
CERTIFICATE OF ENVIRONMENTAL :
COMPATIBILITY AND PUBLIC NEED FOR :
THE CONSTRUCTION, MAINTENANCE :
AND OPERATION OF A WIRELESS :
TELECOMMUNICATIONS FACILITY IN :
VOLUNTOWN, CONNECTICUT :
 : **SEPTEMBER 2, 2010**

**APPLICATION FOR CERTIFICATE OF
ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED**

I. INTRODUCTION

A. Authority and Purpose

This Application and the accompanying attachments (collectively, the “Application”) is submitted by Cellco Partnership d/b/a Verizon Wireless (“Cellco”) or the (“Applicant”), pursuant to Chapter 277a, Sections 16-50g et seq. of the Connecticut General Statutes (“C.G.S.”), as amended, and Sections 16-50j-1 et seq. of the Regulations of Connecticut State Agencies (“R.C.S.A.”), as amended. The Application requests that the Connecticut Siting Council (“Council”) issue a Certificate of Environmental Compatibility and Public Need (“Certificate”) for the construction, maintenance, and operation of a wireless telecommunications facility, at one of two locations in the easterly portion of the Town of Voluntown, Connecticut (the “Voluntown Facility”). The proposed Voluntown Facility would provide wireless telecommunications

coverage and capacity relief along portions of Routes 138, 165 and 49, as well as local roads, residential and recreational areas in eastern Voluntown. These coverage gaps exist at both cellular and PCS frequencies between Cellco's existing Griswold East and Bailey Pond cell sites and the Rhode Island State line. Cellco proposes to fill these gaps by installing two new cell sites in the South Voluntown area.

Cellco's Griswold East cell site consists of antennas at the 157-foot level of a 180-foot tower at 1439 Voluntown Road in Griswold, located approximately 4.4 miles west of the proposed Site 1 Facility and 3.91 miles from the proposed Site 2 Facility. Cellco's Bailey Pond cell site consists of antennas at the 153-foot level of a 180-foot tower at 497 Ekonk Hill Road in Voluntown, located approximately 4.22 miles northwest of the proposed Site 1 Facility and 3.25 miles northwest of the Site 2 Facility.

The first alternative cell site ("Site 1") would be located in the southerly portion of an approximately 11.2 acre parcel at 422 Rockville Road in Voluntown. At Site 1, the Applicant would construct a 160-foot self-supporting monopole telecommunications tower. Cellco would install a total of fifteen (15) panel-type antennas (six (6) cellular (850 MHz) antennas; six (6) PCS (1900 MHz) antennas and three (3) LTE (700 MHz) antennas) with their centerline at the 160-foot level. The top of Cellco's antennas would extend to an overall height of approximately 163 feet above ground level ("AGL"). Equipment associated with Cellco's antennas would be located in a 12' x 24' shelter installed near the base of the tower within a 50' x 50' fenced compound. Vehicular access to Site 1 would extend from Rockville Road over a portion of the property owner's existing dirt and gravel driveway a distance of approximately 720 feet, then

along a new gravel driveway extension an additional distance of approximately 170 feet.

Utilities will extend underground from existing service along Rockville Road.

The proposed Site 1 Facility will provide reliable wireless service to a 4.0 mile portion of Route 138, a 2.09 mile portion of Route 165, a 1.79 mile portion of Route 49, and an overall area of 10.27 square miles at cellular frequencies; a 2.17 mile portion of Route 138, a 1.83 mile portion of Route 165, a 0.57 mile portion of Route 49, and an overall area of 6.95 square miles at PCS frequencies; and a 3.36 mile portion of Route 138, a 2.2 mile portion of Route 165, a 1.54 mile portion of Route 49, and an overall area of 10.08 square miles at 700 MHz frequencies.

The second alternative cell site ("Site 2") would be located in the portion of a 9.5 acre parcel at 81 James Road. At Site 2, the Applicant would construct a 160-foot self-supporting monopole telecommunications tower. Cellco would install a total of fifteen (15) panel-type antennas (six (6) cellular (850 MHz) antennas; six (6) PCS (1900 MHz) antennas; and three (3) LTE (700 MHz) antennas) with a centerline at 160 feet AGL. The top of Cellco's antennas would extend to an overall height of approximately 163 AGL. Equipment associated with Cellco's antennas would be located in a 12' x 24' shelter installed near the base of the tower within a 50' x 50' fenced compound. Vehicular and utility access to Site 2 would extend from James Road over a portion of the property owner's existing paved driveway a total distance of approximately 155 feet then over a new gravel driveway extension an additional distance of approximately 680 feet to the cell site. Utilities would extend from existing service along James Road.

The proposed Site 2 Facility will provide reliable wireless service to a 4.12 mile portion of Route 138, a 2.01 mile portion of Route 165, a 1.64 mile portion of Route 49, and an overall

area of 9.73 square miles at cellular frequencies; a 3.09 mile portion of Route 138, a 1.85 mile portion of Route 165, a 0.54 mile portion of Route 49, and an overall area of 6.68 square miles at PCS frequencies; and a 3.88 mile portion of Route 138, a 2.17 mile portion of Route 165, a 0.03 mile portion of Route 49, and an overall area of 9.42 square miles at 700 MHz frequencies.

The towers and facility compound areas of both Site 1 and Site 2 would be designed to accommodate additional carriers as well as state or local emergency services antennas and equipment. As of the date of this filing Cellco has been notified that the Quinebaug Valley Emergency Service provider would be interested in sharing the proposed tower.

Cellco's equipment shelter would house radio and related equipment, including (a) receiving, transmitting, switching, processing and performance monitoring equipment; and (b) automatic heating and cooling equipment. A back-up generator would also be installed in a segregated generator room within the shelter for use during power outages and periodically for maintenance purposes.

The tower and equipment shelter would be enclosed by an 8-foot high security fence and gate. Cellco's equipment shelter would be equipped with a silent intrusion and system alarms and will be monitored on a 24-hour basis to receive and to respond to incoming alarms or other technical problems. The equipment building would remain unstaffed, except as required for maintenance. Once the cell site is operational, maintenance personnel will visit the cell site on a monthly basis. More frequent visits may be required if there are problems with the cell site equipment.

Included in this Application, as Attachments 1 and 2 , are factual summaries and project plans for the Site 1 and Site 2 Facilities. These summaries, along with the other attachments

submitted as part of this Application, contain all of the site-specific information required by statute and the regulations of the Council.

B. The Applicant

Cellco is a Delaware Partnership with an administrative office located at 99 East River Drive, East Hartford, CT, 06108. Cellco is licensed by the Federal Communications Commission (“FCC”) to operate a wireless telecommunications system in the State of Connecticut within the meaning of C.G.S. Section 16-50i(a)(6). Cellco has extensive national experience in the development, construction and operation of wireless telecommunications systems and the provision of wireless telecommunications service to the public. Operation of the wireless telecommunications systems and related activities are Cellco’s sole business in the State of Connecticut.

Correspondence and/or communications regarding this Application may be addressed to:

Sandy Carter, Regulatory Manager
Verizon Wireless
99 East River Drive
East Hartford, Connecticut 06108

A copy of all such correspondence or communications should also be sent to:

Robinson & Cole LLP
280 Trumbull Street
Hartford, Connecticut 06103-3597
(860) 275-8200
Attention: Kenneth C. Baldwin, Esq.

C. Application Fee

The estimated total construction cost for either the Site 1 Facility or Site 2 Facility would be less than \$5,000,000. Therefore, pursuant to Section 16-50v-1a(b) of the Regulations of

Connecticut State Agencies, an application fee of \$1,250 accompanies this Application in the form of a check payable to the Council.

II. SERVICE AND NOTICE REQUIRED BY C.G.S. SECTION 16-50I(b)

Copies of this Application have been sent by certified mail, return receipt requested, to municipal, regional, state and federal officials, pursuant to C.G.S. Section 16-50I(b). A certificate of service, along with a list of the parties served with a copy of the Application, is included as Attachment 3.

Notice of Cellco's intent to submit this Application was published on August 30 and 31, 2010, by Cellco in the *Norwich Bulletin* pursuant to C.G.S. Section 16-50I(b). A copy of the published legal notice is included as Attachment 4. A copy of an Affidavit of Publication will be forwarded to the Council as soon as it is available.

Attachment 5 contains a certification that notices were sent to each person appearing of record as an owner of property that may be considered to abut the land on which the Site 1 and Site 2 Facilities would be located in accordance with C.G.S. Section 16-50I(b), as well as a list of the property owners to whom such notice was sent and a sample notice letter.

III. REQUIRED INFORMATION: PROPOSED WIRELESS FACILITY

The purpose of this section is to provide an overview and general description of the Site 1 and Site 2 Facilities proposed to be installed in Voluntown.

A. General Information

Prior to the 1980's, mobile telephone service was characterized by insufficient frequency availability, inefficient use of available frequencies and poor quality of service. These limitations generally resulted in problems of congestion, blocking of transmissions, interference, lack of

coverage and relatively high cost. Consequently, the FCC, in its Report and Order released May 4, 1981 in FCC Docket No. 79-318, recognized the public need for technical improvement, wide-area coverage, high quality service and a degree of competition in mobile telephone service.

More recently, the federal Telecommunications Act of 1996 (the "Act") emphasized and expanded on these aspects of the FCC's 1981 decision. Among other things, the Act recognized an important nationwide public need for high-quality wireless telecommunication services of all varieties. The Act also expressly promotes competition and seeks to reduce regulation in all aspects of the telecommunications industry in order to foster lower prices for consumers and to encourage the rapid deployment of new telecommunications technologies.

The proposed Voluntown Facility would be part of Cellco's expanding wireless telecommunications network envisioned by the Act and has been developed to help meet these nationwide goals. In particular, Cellco's system has been designed, and the cell sites proposed in this Application have been selected, so as to maximize the geographical coverage and quality of service while minimizing the total number of cell sites required.

Because the FCC and the United States Congress have determined that there is a pressing public need for high-quality wireless telecommunications service nationwide, the federal government has preempted the determination of public need by states and municipalities, including the Council, with respect to public need for the service to be provided by the proposed facility. In addition, the FCC has promulgated regulations containing technical standards for wireless systems, including design standards, in order to ensure the technical integrity of each system and nationwide compatibility among all systems. State and local regulation of these matters is likewise preempted.

The FCC has also exercised its jurisdiction over and preempted state and local regulation with respect to radio frequency interference issues by establishing regulations in this area as well.

Pursuant to FCC authorizations, Cellco has constructed and currently operates a wireless system throughout Connecticut. This system, together with Cellco's system throughout its east coast and nationwide markets, has been designed and constructed to operate as one integrated, contiguous system, consistent with Cellco's business policy of developing compatibility and continuity of service on a regional and national basis.

Recognizing the public safety benefits that enhanced wireless telecommunications networks can provide, the United States, Congress also enacted the Wireless Communications and Public Safety Act of 1999 to promote and enhance public safety by making 911 the universal emergency assistance number, furthering the deployment of wireless 911 capabilities and further encouraging the construction and operation of seamless, ubiquitous and reliable wireless networks. In 2004, Congress enacted the Enhanced 911 Act for the specific purpose of enhancing and promoting Homeland Security, public safety and citizen activated emergency response capabilities. These goals and other related responsibilities imposed on wireless service providers can only be satisfied if Cellco maintains a ubiquitous and reliable wireless network.

Included as Attachment 6 is a copy of the FCC's authorization issued to Cellco for its wireless service in New London County, Connecticut. The FCC's rules permit a licensee to modify its system, including the addition of new cell sites, without prior approval by the FCC, as long as the licensee's authorized service area is not enlarged. The Voluntown Facility would not enlarge Cellco's authorized service area.

B. Public Need and System Design

1. Public Need

As noted above, the Act has pre-empted any state or local determination of public need for wireless services. In New London County, Cellco holds an FCC License to provide cellular, PCS and LTE services. Pursuant to its FCC Licenses, Cellco has developed and continues to develop a network of cell sites to serve the demand for wireless service in the area. Cellco's network currently provides coverage in Voluntown and the surrounding areas from its existing cell sites in the area. Plots showing coverage from Cellco's existing Griswold East and Bailey Pond facilities alone and together with the coverage from either the Site 1 or Site 2 Facilities are included as Attachment 7.

2. System Design and Equipment

a. System Design

Cellco's wireless system in general and the proposed Voluntown Facility, in particular, have been designed and developed to allow Cellco to achieve and to maintain high quality, reliable wireless service without interruption from dropped calls and interference.

The system design provides for frequency reuse and hand-off, is capable of orderly expansion and is compatible with other wireless systems. The resulting quality of service compares favorably with the quality of service provided by conventional wireline telephone service. The wireless system is designed to assure a true cellular configuration of base transmitters and receivers in order to cover the proposed service area effectively while providing the highest quality of service possible. Cell site transmissions are carefully tailored to the FCC's technical standards with respect to coverage and interference and to minimize the amount of power that is radiated.

Mobile telephone switching offices (“MTSOs”) in Windsor and Wallingford are interconnected and operate Cellco’s wireless systems in Connecticut as a single network, offering the subscriber uninterrupted use of the system while traveling throughout the State. This network is further interconnected with the local exchange company (“LEC”) and inter-lata (long distance) carriers network.

Cellco has designed its wireless system in conformity with applicable standards and constraints for wireless systems. Cellco’s system is also designed to minimize the need for additional cell sites in the absence of additional demand or unforeseen circumstances.

b. Cellular System Equipment

The key elements of the cellular system are the two MTSOs located in Windsor and Wallingford and the various connector cell sites around the state. Cellco’s CDMA wireless networks are deployed on two platforms: the earlier AUTOPLEX system, using Series II base stations, and the newer FLEXENT CDMA system, using smaller, more compact modular base stations. Because the Series II base stations are no longer manufactured, the newer CDMA systems, using smaller, more compact modular base stations are used for all current installations.

The major electronic components of each cell site are radio frequency transmission and receiving equipment and cell site controller equipment. Cellco’s cellular system uses Lucent Flexent® Modular Cell 4.0B cell site equipment to provide complete cell site control and performance monitoring. This equipment is capable of expanding in modules to meet system growth needs. The cell site equipment primarily provides for: message control on the calling channel; call setup and supervision; radio frequency equipment control; internal diagnostics; response to remote and local test commands; data from the mobile or portable unit in both

directions and on all channels; scan receiver control; transmission of power control commands; rescanning of all timing; and commands and voice channel assignment. Additional information with respect to the Lucent Flexent® Modular Cell 4.0B equipment is contained in Attachment 8.

3. Technological Alternatives

Cellco submits that there are no equally effective technological alternatives to the proposal contained herein. In fact, Cellco's wireless system represents state-of-the-art technology offering high-quality service. Cellco is aware of no viable and currently available alternatives to its system design for carriers licensed by the FCC.

C. Site Selection and Tower Sharing

1. Cell Site Selection

The goal in selecting cell sites such as the one proposed in Voluntown is to locate a facility in such a manner as to allow it to build and to operate a high-quality wireless system with the least environmental impact. The Applicant has determined that the proposed Site 1 and Site 2 Facilities will satisfy this goal and is necessary to resolve existing coverage problems and to provide high-quality reliable service primarily along portions of Routes 138, 165 and 49, as well as local roads in the area. The proposed Voluntown Facility will also provide for improved wireless service to significant portions of the Pachaug State Forest.

The methodology of cell site selection for a wireless system generally limits the search for possible locations to specific locations on the overall grid for the area. A list of existing towers or other non-tower structures considered is included in Attachment 9. Cellco currently shares the existing towers in the area including those sites identified on the coverage maps. (See Attachment 7). These existing tower sites cannot satisfy the coverage objectives for the Voluntown search area. Cellco also regularly investigates the use of existing, non-tower structures in an area, when

available, as an alternative to building a new tower. No existing non-tower structures of suitable height exist in Voluntown. Cellco initiated a site search process for Voluntown cell site in May 2009, and identified the property at 422 Rockville Road and 81 James Road as viable candidates for a cell site. Cellco determined that an antenna height of 160 feet at either location would satisfy its coverage objectives in the area. The site search summary together with the site information contained in Attachments 1 and 2 support Cellco's position that the sites selected represent the most feasible alternative of the sites investigated.

2. Tower Sharing

The Applicant will design the approved facility tower and compound to be shared by a minimum of four wireless carriers, and the Town, or local emergency service providers if a need exists. This type of tower sharing arrangement would reduce, if not eliminate, the need for these other carriers or municipal entities to develop a separate tower in this same area in the future. As of the date of this filing, no other carrier has yet expressed any interest in the Voluntown Facility. The Quinebaug Valley Emergency Services has expressed an interest in sharing the proposed Voluntown Facility.

D. Cell Site Information

1. Site Facilities

At Site 1, Cellco would construct a new 160-foot tall tower and install fifteen (15) panel-type directional antennas at the top of the tower. At Site 2, the Applicant would construct a new 160-foot tall monopole tower and install fifteen (15) panel-type directional antennas at the top of the tower. Cellco would install a 12' x 24' single-story shelter near the base of either the Site 1 or Site 2 tower to house its receiving, transmitting, switching, processing and performance monitoring equipment and the required heating and cooling equipment. A diesel-fueled generator would also

be installed within a segregated room in Cellco's equipment shelter for use during power outages and periodically for maintenance purposes. The tower and equipment shelter would be surrounded by an 8-foot high security fence and gate. (See Attachments 1 and 2).

The equipment shelter would be equipped with silent intrusion and systems alarms. Cellco personnel will be available on a 24-hour basis to receive and to respond to incoming alarms. The equipment building will remain unstaffed, except as required for periodic maintenance purposes.

2. Overall Costs and Benefits

Aside from the limited visual impacts discussed further below, the Applicant believes that there are no significant costs attendant to the construction, maintenance, and operation of the proposed cell site. In fact, the public will benefit substantially from its increased ability to receive high-quality, reliable wireless service in Voluntown.¹ The Voluntown Facility would be a part of a communications system that addresses the public need identified by the FCC and the United States Congress for high-quality, competitive mobile and portable wireless service. Moreover, the proposed cell site would be part of a system designed to limit the need for additional cell sites in the future.

The overall costs to the Applicant for development of the proposed cell site are set forth in Section III.E. of the Application.

¹ Businesses across the State have become more dependent on wireless telecommunication services. The public safety benefits of wireless telephone service are illustrated by the Connecticut State Police Enhanced 911 emergency calling system. The E-911 emergency calling system is available statewide to all wireless telephone users. Numerous other emergency service organizations have turned to wireless telephone service for use during natural disasters and severe storms when wireline service is interrupted or unavailable.

3. Environmental Compatibility

Pursuant to Section 16-50p of the General Statutes, in its review of the Application, the Council is required to find and to determine, among other things, the nature of the probable environmental impact, including a specification of every significant adverse effect of the Site 1 and Site 2 Facilities, whether alone or cumulatively with other effects, on, and conflicting with the policies of the state concerning the natural environment, ecological balance, public health and safety, scenic, historic and recreational values, forests and parks, air and water purity and fish and wildlife.

a. Primary Facility Impact is Visual

The wireless system of which the proposed Voluntown Facility would be a part has been designed to meet the public need for high-quality, reliable wireless service while minimizing any potential adverse environmental impact. In part because there are few, if any other adverse impacts, the primary impact of facilities such as this is visual. This visual impact will vary from location to location around a tower, depending upon factors such as vegetation, topography, the distance of nearby properties from the tower and the location of buildings and roadways in a “sight line” toward the tower. Similarly, visual impact of a tower facility can be further reduced through the proper use of alternative tower structures; so-called “stealth installations.” Where appropriate, telecommunications towers camouflaged as trees, can help to further reduce visual impacts associated with these structures. Attachments 10 and 11 contain Visual Resource Evaluation Reports, prepared by VHB, Inc. (the “VHB Reports”) for the Site 1 and Site 2 Facilities, respectively. The VHB Reports assess the visual impact of the Site 1 and Site 2 towers. Each report includes photosimulations for the Council’s review and consideration.

(1) Site 1 Visibility

According to the VHB Report for Site 1, areas where the tower would be visible above the tree canopy comprise approximately two (2) acres or less than one-tenth of one percent of the 8,042 acre study area. The areas of year-round visibility associated with the Site 1 tower is generally limited to the area immediately surrounding the facility. Areas where seasonal views are anticipated comprise of approximately 38 additional acres and are generally located in the area immediately surrounding the Site 1 Facility.

There are five (5) residences within 1,000 feet of the Site 1 Facility including the Property Owner's residence. The closest off-site residence is located at 412 Rockville Road, approximately 625 feet to the northwest of Site 1. The property at 412 Rockville Road is listed on Cellco's abutting properties list behind Attachment 5 of this Application.

(2) Site 2 Visibility

According to the VHB Report for Site 2, areas where the tower would be visible above the tree canopy comprise approximately 3.5 acres or less than one-tenth of one percent of the 8,042 acre study area. The areas of year-round visibility associated with Site 2 are limited to the area immediately surrounding the Site 2 Facility. Areas where seasonal views are anticipated comprise approximately 26 additional acres and are generally located in the area immediately surrounding the Site 2 location.

There are nine (9) residences within 1,000 feet of Site 2. The closest off-site residence is located at 103 James Road, approximately 600 feet to the southwest of the Site 2 tower location. The 103 James Road parcel is not an abutting property.

Weather permitting, the Applicant will raise balloons with a diameter of at least three (3) feet at the Site 1 and Site 2 locations on the day of the Council's hearing on this Application, or at a time otherwise specified by the Council.

b. Environmental Reviews and Agency Comments

Section 16-50j of the General Statutes requires the Council to consult with and to solicit comments on the Application from the Commissioners of the Departments of Environmental Protection, Public Health, Public Utility Control, Economic Development, and Transportation, the Council on Environmental Quality, and the Office of Policy and Management, Energy Division. In addition to the Council's solicitation of comments, Cellco, as a part of the National Environmental Policy Act ("NEPA") Checklist, each solicit comments on the proposed Site 1 and Site 2 Facilities from the U.S. Department of the Interior, Fish and Wildlife Service ("USFWS"), Environmental and Geographic Information Center of the Connecticut Department of Environmental Protection ("DEP") and the Connecticut Historical Commission, State Historic Preservation Officer ("SHPO"). Information on the USFWS and DEP reviews regarding impacts on known populations of Federal or State Endangered, Threatened or Special Concern Species occurring at the proposed site are included in Attachment 12.

According to the USFWS letter dated January 4, 2010, and Dean Gustafson's Site 1 and Site 2 memoranda dated June 24, 2010, no federally listed or proposed, threatened or endangered species or critical habitat are known to occur in Voluntown, Connecticut.

In a comment letter dated January 13, 2010, the DEP summarized its findings with respect to the Site 1 and Site 2 candidates.

According to the DEP there are no known extent populations of Federal or State Endangered, Threaten or Special Concern Plan Species at the Site 1 location at 422 Rockville Road. The DEP does, however, indicate the presence of certain state-listed plant species and an acidic Atlantic White Cedar Swamp on property to the south of 422 Rockville Road parcel. The DEP recommends the design and construction of effective soil erosion and siltation controls to ensure this habitat is not negatively affected.

According to the DEP, records indicate that a State Special Concern Species eastern hognose snake may occur in the vicinity of Site 2 at 81 James Road. In a letter dated January 28, 2010 Julie Victoria, a Wildlife Biologist with DEP, recommends further site investigation to determine if any eastern hog nose snakes are present at the 81 James Road property. This investigation was completed and a summary report, including recommendations to be implemented during construction, was sent to DEP on August 20, 2010. A copy of the USFWS information, Mr. Gustafson's August 18, 2009 memorandum and the DEP's letters referenced above are all included as a part of Attachment 12.

Also included in Attachment 12 is a letter from the SHPO confirming that the Site 1 Facility will have no effect on historic, architectural or archeological resources listed on or eligible for the National Register of Historic Places.

This review by federal and state agencies furnishes ample expert opinion on the potential environmental impacts from the Voluntown Facility, in the context of the criteria which the Council must consider.

c. **Non-Ionizing Radio Frequency Radiation**

The FCC has adopted a standard for exposure to Radio Frequency (“RF”) emissions from telecommunications facilities like those proposed in this Application. To ensure compliance with the applicable standards, Cellco has performed maximum power density calculations for the proposed cell site according to the methodology prescribed by the FCC Office of Engineering and Technology Bulletin No. 65, Edition 97-01 (August 1997) (“OET Bulletin 65”). The calculation is a conservative, worst-case approximation for RF power density levels at the closest accessible point to the antennas, in this case the base of the tower, and with all antennas transmitting simultaneously on all channels at full power. The calculations indicate that the maximum power density level for Cellco’s cellular, PCS and LTE antennas would be 15.50% of the Standard at Site 1 and Site 2.

d. **Other Environmental Issues**

No sanitary facilities are required for either Site 1 or Site 2. The operations at the Voluntown Facility will not cause any significant air, water, noise or other environmental impacts, or hazard to human health.

Based on agency comments received and field investigations by the Cellco project team, the Applicant submits that the proposed Site 1 and Site 2 Facilities will have no significant adverse effect on scenic, natural, historic or recreational features, and that none of the potential effects from either the Site 1 or Site 2 Facilities alone or cumulatively with other effects is sufficient reason to deny this Application.

4. **Consistency with Local Land Use Controls**

The Council Application Guide for Community Antenna Television and Telecommunication Facilities, as amended in April 2010, requires the inclusion of a narrative summary of the project’s consistency with the Town’s Plan of Conservation and Development (the

“Plan”) and Building Zoning Regulations, as well as a description of planned and existing uses of the site location and surrounding properties.

a. Planned and Existing Land Uses

The proposed Site 1 Facility would be located on an approximately 11.2 acre parcel owned by Cheryl A. Marcinko. The proposed Site 2 Facility would be located on an approximately 9.5 acre parcel owned by Ronald and Joanne Millovitsch. Both parcels are zoned Rural District. Both the Site 1 and Site 2 parcels are used for private residential purposes and are surrounded by wooded areas, low density residential land uses and portions of the Pachaug State Forest.

b. Plan of Conservation and Development (2010)

The Town of Voluntown Plan of Conservation & Development (2010) (the “Plan”), do not identify telecommunications facilities as a land use consistent or inconsistent with the general planning and conservation principles or policies of the Town. The Plan recognizes that the Town is located in the Quinebaug and Shetucket Rivers National Heritage Area (“QSNHA”). This designation recognizes the unique historic and natural assets of the 25 towns within the corridor. Cellco submits that neither the Site 1 or Site 2 facility towers would have a substantial adverse environmental effect on resources identified in the QSNHA. Four (4) copies of the Plan were filed, in bulk, with the Council.

c. Zoning Regulations

According to the Town’s Zoning Map, both the Site 1 and Site 2 parcels are located in the Rural zone district. Pursuant to Section 6.2.13 of the Voluntown Zoning Regulations, towers are permitted in the Rural District subject to the approval of a Special Exception from the Planning and Zoning Commission. The Voluntown Zoning Regulations include location preferences for

the telecommunications facilities. (See Section 9.5.14.A). The preferences are, from most to least preferred, 1) on existing structures; 2) on existing or approved towers; 3) on new towers located on property occupied by other towers; and 4) on new towers. Towers in the Rural Zone must be set back from all property lines a distance equal to the height of the tower. Both the Site 1 and Site 2 towers maintain a minimum 160-foot setback from all property lines.

d. Inland Wetland and Water Course Regulations

The Inland Wetlands and Watercourses Regulations of the Town of Voluntown (the “IWW Regulations”) define Regulated Activity as any operation within, or use of, a wetland or watercourse involving removal or deposition of material, or any obstruction, construction, alteration or pollution of the land of such wetlands or watercourses. Four (4) copies of the Voluntown IWW Regulations were filed, in bulk, with the Council.

Dean Gustafson, Professional Soil Scientist with VHB, Inc., conducted a field investigation and completed a Wetlands Delineation Report and Wetlands Compliance Memorandum for development for both the Site 1 and Site 2 Facilities. The closest wetland area to Site 1 is located approximately 88 feet west of the Site 1 Facility compound. A second wetland area has been identified approximately 130 feet to the east of the Site 1 Facility compound. In his NEPA Wetlands Compliance Memorandum, Mr. Gustafson concludes that the Site 1 Facility will have no adverse impact to area wetlands.

Mr. Gustafson also conducted a field investigation and completed a Wetlands Delineation Report for the Site 2 Facility. The closest wetland area is located approximately 12 feet to the northeast of the corner of the Site 2 Facility compound. Regardless, Mr. Gustafson believes that

the construction of the Site 2 Facility will not likely result in an adverse impact to nearby wetland resources.

Copies of the Site 1 and Site 2 Wetlands Delineation Report and NEPA Wetlands Compliance Memorandum are included in Attachment 13.

In accordance with the Connecticut Soil Erosion Control Guidelines, as established by the Council for Soil and Water Conservation, adequate and appropriate soil erosion and sedimentation control measures will be established and maintained throughout the cell site construction period. In addition, the Applicant will employ appropriate construction management practices to ensure that no pollutants would be discharged to any nearby watercourse or wetland areas or to area groundwater during the construction process. Four (4) copies of the Voluntown IWWA Regulations were filed, in bulk, with the Council.

According to the Federal Emergency Management Agency Flood Insurance Rate Map ("FIRM"), Community Panel Number 0901430010B (Map Effective Date: June 3, 1988), the Site 1 and Site 2 Facilities would be located in Flood Zone X. A copy of the FIRM is also included in Attachment 13.

5. Local Input

Section 16-50~~(e)~~(e) of the Connecticut General Statutes, as amended, requires local input on matters before the Council. On June 14, 2010, Cellco representatives met with Voluntown's Town First Selectman, Ronald Millovitsch, Selectman, Willis Maynard and Robert Hanson, Chair of the Town's Planning and Zoning Commission, to commence the sixty (60) day municipal consultation process for Site 1. Copies of technical information summarizing Cellco's plans to establish a telecommunications facility at the Property were submitted. At the request of the Town, on July 21,

2010, Cellco representatives hosted a Public Information Meeting (“PIM”) at Voluntown Town Hall. At this meeting, Cellco discussed, in detail, the aspects of the proposed Voluntown Facility, its need in the area and the Connecticut Siting Council application process. On July 9, 2010, notice of the July 21, 2010 PIM was sent to the owners of property within 150 feet of both the 422 Rockville Road parcel and the 81 James Road parcel. Notice of the PIM was published on July 9, 2010 in the *Norwich Bulletin*.

6. Consultations With State and Federal Officials

Attachment 12 and Section III.D. of the Application describes Cellco’s consultations with state and federal officials regarding Cellco’s proposed Site 1 and Site 2 Facilities.

a. Federal Communications Commission

The FCC did not review this particular proposal. As discussed above, FCC approval is not required where the authorized service area is not enlarged.

b. Federal Aviation Administration

As it does with all of its tower applications, Cellco conducted on air-space analyses for the proposed Site 1 and Site 2 Facilities to determine if either proposed tower would constitute an obstruction or hazard to air navigation. These analyses have confirmed, pursuant to FAA standards and guidelines that neither the Site 1 nor Site 2 towers would constitute an obstruction or hazard to air navigation. Therefore, no obstruction marking or lighting would be required. A copy of the Federal Airways & Airspace Summary Report is included in Attachment 14.

c. United States Fish and Wildlife Service

According to the USFWS, there are no federally-listed or proposed, threatened or endangered species or critical habitat that occur in the project area for Site 1 or Site 2. (See Attachment 12).

d. **Connecticut Department of Environmental Protection**

(1) **Environmental and Geographic Information Center**

As discussed above, the DEP determined that there are no known extent populations of Federal or State Endangered, Threatened or Special Concern Species that occur at the Site 1 location. (See correspondence contained behind Attachment 12). The DEP determined that a State Special Concern Species (hog nose snake) may occur in the vicinity of the Site 2 Facility. Appropriate and protective measures are proposed to limit or eliminate the potential for any impact on this species.

(2) **Bureau of Air Management**

Pursuant to R.C.S.A. § 22a-174-3, the on-site emergency back-up generator proposed as a part of this Application will require the issuance of a permit from the DEP Bureau of Air Management. As proposed, this emergency generator will be run only during the interruption of utility service to the cell site and periodically as required for maintenance purposes. Cellco will obtain the necessary permit prior to installing the generator at the Voluntown Facility.

e. **Connecticut State Historic Preservation Officer**

As discussed above, Attachment 12 also includes the SHPO's determination for both Site 1 and Site 2 that the proposed development will have no effect on architectural or archaeological resources listed on or eligible for listing in the National Register of Historic Places.

E. **Estimated Cost and Schedule**

1. **Overall Estimated Costs**

The total estimated cost of construction for Site 1 is \$762,000. This estimate includes:

- | | | |
|-----|--|-----------|
| (1) | Cell site radio equipment of approximately | \$450,000 |
| (2) | Tower, coax and antenna costs of approximately | 150,000 |

- | | | |
|-----|--|--------|
| (3) | Power systems costs of approximately | 20,000 |
| (4) | Equipment building costs of approximately | 50,000 |
| (5) | Miscellaneous costs (including site preparation and installation) of approximately | 92,000 |

The total estimated cost of construction for Site 2 is \$779,000. This estimate includes:

- | | | |
|-----|--|-----------|
| (1) | Cell site radio equipment of approximately | \$450,000 |
| (2) | Tower, coax and antenna costs of approximately | 145,000 |
| (3) | Power systems costs of approximately | 19,000 |
| (4) | Equipment building costs of approximately | 50,000 |
| (5) | Miscellaneous costs (including site preparation and installation) of approximately | 115,000 |

2. Overall Scheduling

Site preparation and engineering would commence following Council approval of Cellco's Development and Maintenance ("D&M") plan and are expected to be completed within two to four weeks. Due to the delivery schedules of the manufacturers, installation of the building and installation of the tower are expected to take an additional two weeks. Equipment installation is expected to take an additional two weeks after installation of the building and installation of the tower. Cell site integration and system testing is expected to require two weeks after equipment installation.

IV. CONCLUSION

Based on the facts contained in this Application, Cellco submits that the establishment of the Voluntown Facility, at either Site 1 or Site 2, will not have any substantial adverse environmental effects. A public need exists for high quality reliable wireless service in the Town of

Voluntown and throughout New London County, as determined by the FCC and the United States Congress, and a competitive framework for providing such service has been established by the FCC and the Telecommunications Act of 1996. Cellco submits that the public need far outweighs any possible environmental effects resulting from the construction of the proposed cell site.

WHEREFORE, Cellco respectfully requests that the Council grant this Application for a Certificate of Environmental Compatibility and Public Need for the proposed Voluntown Facility.

Respectfully submitted,

CELLCO PARTNERSHIP D/B/A VERIZON
WIRELESS AND MESSAGE CENTER
MANAGEMENT

By: 

Kenneth C. Baldwin, Esq.

Robinson & Cole LLP

280 Trumbull Street

Hartford, Connecticut 06103-3597

(860) 275-8200

Attorneys for the Applicant

VOLUNTOWN

**Site 1
422 Rockville Road
Voluntown, Connecticut**

Description of Proposed Cell Site

Cellco Partnership d/b/a Verizon Wireless
99 East River Drive
East Hartford, CT 06108

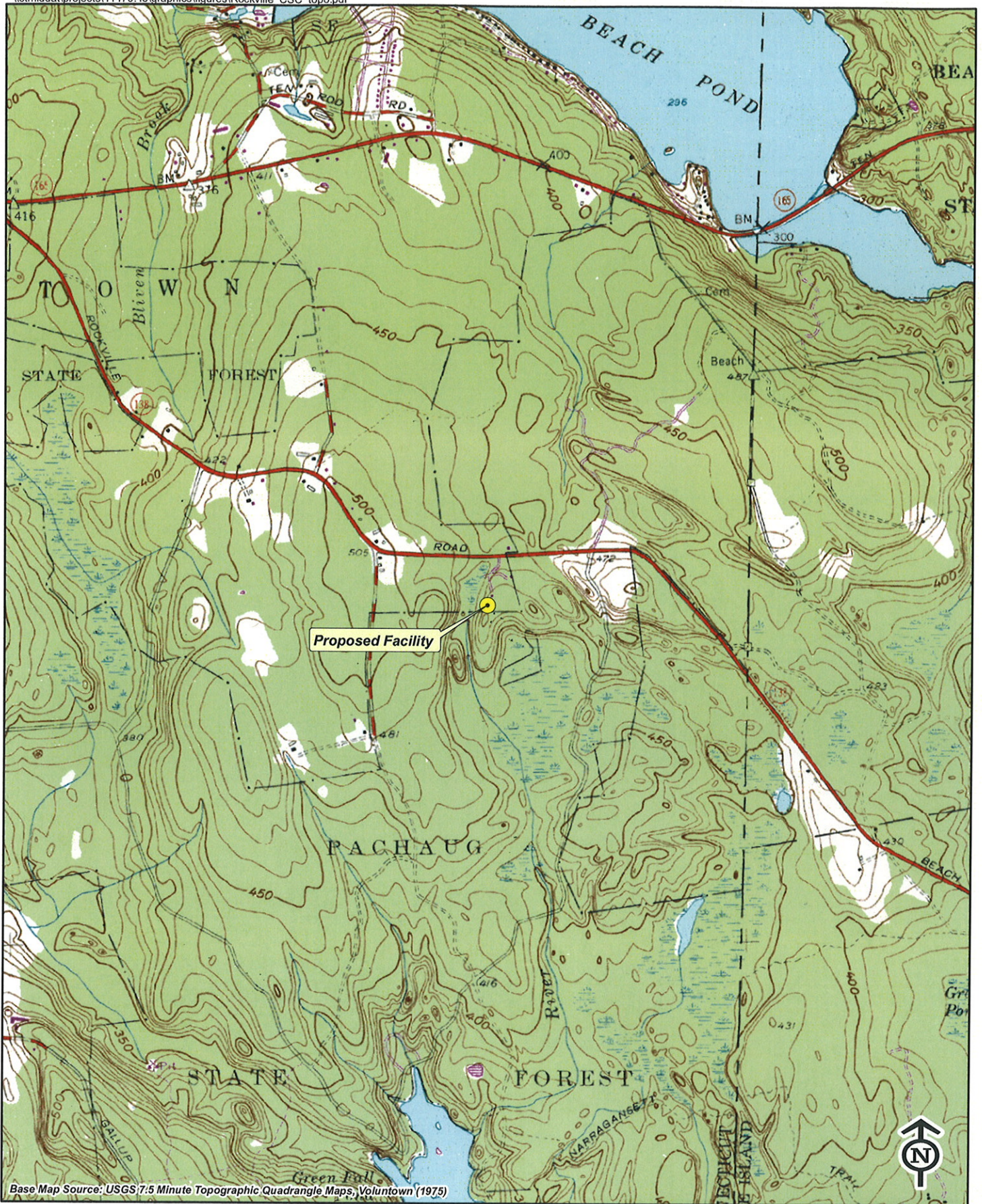
TABLE OF CONTENTS

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GENERAL CELL SITE DESCRIPTION	1
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SITE NAME: SITE 1 – 422 Rockville Road, Voluntown, CT

GENERAL CELL SITE DESCRIPTION

The proposed cell site would be located within a 50' x 50' fenced compound within an 100' x 100' leased area in the southwest portion of an approximately 11.2 acre parcel owned by Cheryl A. Marcinko (the "Marcinko Property"). The Marcinko Property is located on the south side of Rockville Road in Voluntown (the "Site 1 Facility"). The Site 1 Facility would consist of a 160-foot telecommunications tower and a 12' x 24' equipment shelter located near the base of the tower. Cellco antennas would be mounted at the top of the tower with their centerline at the 160-foot level. The top of the Cellco antennas would extend above the top of the tower to a height of approximately 163 feet above ground level. Vehicular access to the site would extend from Rockville Road over the property owners existing dirt and gravel driveway a distance of approximately 720 feet, then over a new gravel driveway extension an additional distance of approximately 170 feet to the site compound. Utility service would extend underground from Rockville Road to the cell site.



Base Map Source: USGS 7.5 Minute Topographic Quadrangle Maps, Voluntown (1975)



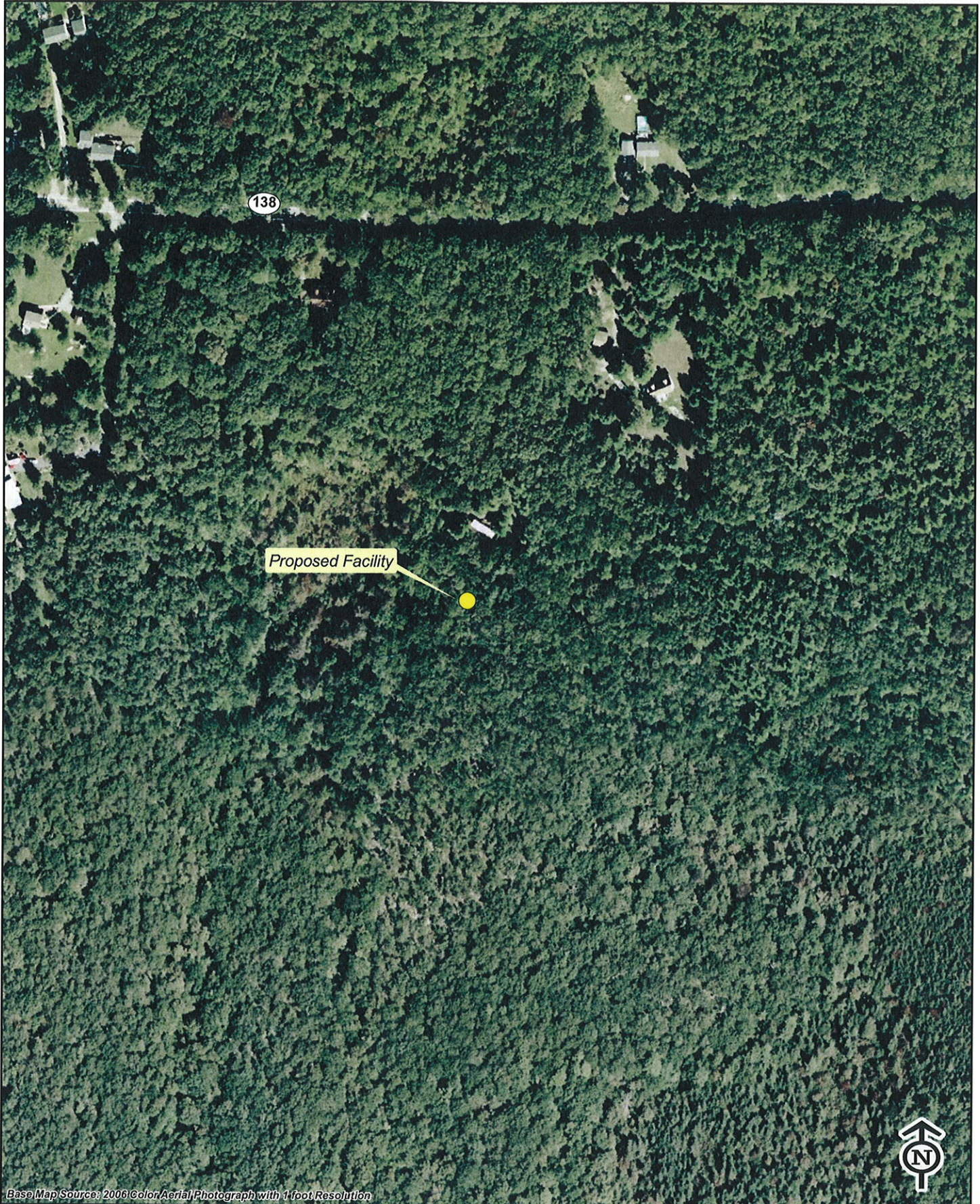
Vanasse Hangen Brustlin, Inc.

**USGS Topographic Map
 Proposed Verizon Wireless
 Telecommunications Facility
 Voluntown - Site 1
 422 Rockville Road
 Voluntown, Connecticut**



Quadrangle Location





Base Map Source: 2006 Color Aerial Photograph with 1-foot Resolution



Vanasse Hangen Brustlin, Inc.

Aerial Photograph
Proposed Verizon Wireless
Telecommunications Facility
Voluntown - Site 1
422 Rockville Road
Voluntown, Connecticut



Quadrangle Location



SITE EVALUATION REPORT

SITE NAME: SITE 1 – 422 Rockville Road, Voluntown, CT

I. LOCATION

- A. COORDINATES: 41°-33'-21.931" N 71°-48'-20.656" W
- B. GROUND ELEVATION: Approximately 487± feet AMSL
- C. USGS MAP: Voluntown, CT
- D. SITE ADDRESS: 422 Rockville Road, Voluntown, CT
- E. ZONING WITHIN 1/4 MILE OF SITE: Land within 1/4 mile of the cell site is in the Rural zone district.

II. DESCRIPTION

- A. SITE SIZE: 100' x 100' Leased Area
50' x 50' Fenced Compound
- B. LESSOR'S PARCEL: Approximately 11.2 acres
- C. TOWER TYPE/HEIGHT: 160' Monopole Tower
163' Top of Antennas
- D. SITE TOPOGRAPHY AND SURFACE: Topography in the area of the site is generally flat. Clearing and grading for construction of the site compound and southerly portion of the access driveway be required Cellco anticipates the need to remove on 14 trees, 6" or greater diameter at breast height ("dbh").
- E. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The tower is located in the southwest portion of a 11.2 acre parcel used for residential purposes. Land surrounding the parcel is generally flat. The closest wetland area is located approximately 95 feet to the west of the Site 1 Facility compound.
- F. LAND USE WITHIN 1/4 MILE OF SITE: The Site 1 Facility is located on a 11.2 acre residential parcel. The property is surrounded by low density residential areas and the Pachaug State Forest. (See Aerial Photograph at p. 3).

III. FACILITIES

- A. POWER COMPANY: Connecticut Light and Power
- B. POWER PROXIMITY TO SITE: Approximately 945 feet along the proposed access road to Rockville Road to the north of the Site 1 cell site.
- C. TELEPHONE COMPANY: AT&T
- D. PHONE SERVICE PROXIMITY: Same as power
- E. VEHICLE ACCESS TO SITE: Vehicle access to the site would extend from Rockville Road over an existing gravel driveway a distance of 720 feet then over a new gravel driveway extension an additional distance of 170 feet.
- F. CLEARING AND FILL REQUIRED: Tree clearing and minimal grading would be required for construction of the tower, site compound and access drive. Detailed construction plans would be developed if this location is approved by the Siting Council.

IV. LEGAL

- A. PURCHASE LEASE
- B. OWNER: Cheryl A. Marcinko
- C. ADDRESS: 422 Rockville Road, Voluntown, CT 06384
- D. DEED ON FILE AT: Town of Voluntown, CT Land Records

FACILITIES AND EQUIPMENT SPECIFICATION
(NEW TOWER & EQUIPMENT BUILDING)

SITE NAME: SITE 1 – 422 Rockville Road, Voluntown, CT

I. TOWER SPECIFICATIONS:

- A. MANUFACTURER: To be determined
- B. TYPE: Self-supporting monopole
- C. TOWER HEIGHT: 160' DIMENSIONS: Approx. 55" base
Approx. 30" top

II. TOWER LOADING:

A. CELLCO EQUIPMENT:

- 1. Antennas (15)
 - Four (4) Model LPA 80063/8CF Cellular
 - Two (2) Model LPA-4019 Cellular
 - Six (6) Model LPA 185063/12CF PCS
 - Three (3) Model BXA-70063/6CF LTE
 - Antenna Centerline 160' AGL
- 2. GPS Antenna: Mounted on the top of the equipment shelter
- 3. Transmission Lines:
 - a. MFG/Model: Andrews LDF5-50A
 - b. Size: 1 5/8"

III. ENGINEERING ANALYSIS AND CERTIFICATION:

The towers will be designed in accordance with Electronic Industries Association Standard EIA/TIA-222-F "Structural Standards for Steel Antenna Towers and Antenna Support Structures." The foundation designs would be based on soil conditions at the site. Details for the towers and foundation designs will be provided as a part of the final D&M Plan.

ENVIRONMENTAL ASSESSMENT STATEMENT

SITE NAME: SITE 1 – 422 Rockville Road, Voluntown, CT

I. PHYSICAL IMPACT

A. WATER FLOW AND QUALITY

No water flow and/or water quality changes are anticipated as a result of the construction or operation of the facility. There are no lakes, ponds, rivers, streams, wetlands or other regulated bodies of water located in the area to be used for the access drive, tower or equipment shelter. The equipment used will not discharge any pollutants to area surface or groundwater systems. The closest wetland area is located approximately 88 feet to the west of the Site 1 Facility compound.

B. AIR QUALITY

Under ordinary operating conditions, the equipment that would be used at the site would emit no air pollutants of any kind. For limited periods during power outages and periodically for maintenance purposes, minor levels of emissions from the on-site generator would result.

Pursuant to R.C.S.A. § 22a-174-3, the on-site emergency back-up generator proposed as a part of this application would require the issuance of a Connecticut Department of Environmental Protection Air Bureau permit for potential emissions. Cellco would obtain this permit prior to installing the generator at the approved cell site.

C. LAND

Minimal clearing and grading of the tower compound and access drive will be required. The remaining land of the Lessor would remain unchanged by the construction and operation of the cell site.

D. NOISE

The equipment to be in operation at the site after construction would emit no noise of any kind, except for operation of the installed heating, air conditioning and ventilation systems and occasional operation of a back-up generator which would be run during power failures and periodically for maintenance purposes. Some noise is anticipated during cell site construction, which is expected to take approximately four to six weeks.

E. POWER DENSITY

The worst-case calculation of power density for Cellco's cellular, PCS and LTE antennas at the Site 1 Facility would be 15.50% of the Standard.

F. VISIBILITY

See Visual Resource Evaluation Report included as Attachment 10.

Cellco Partnership

d.b.a. **verizon** wireless

WIRELESS COMMUNICATIONS FACILITY

VOLUNTOWN

SITE 1

422 ROCKVILLE ROAD VOLUNTOWN, CT, 06384

SITE DIRECTIONS

FROM: 99 EAST RIVER DRIVE
EAST HARTFORD, CONNECTICUT **TO:** 422 ROCKVILLE ROAD
VOLUNTOWN, CONNECTICUT

1. Start out going NORTHEAST on EAST RIVER DRIVE. 0.0 MI
2. Merge onto I-84 E/US-6 E via the ramp on the LEFT toward BOSTON. 0.2 MI
3. Merge onto CT-2 via EXIT 55 toward NORWICH/NEW LONDON. 36.5 MI
4. Merge onto I-395 N/GOVERNOR JOHN DAVIS LODGE TURNPIKE via EXIT 28N toward PROVIDENCE. 8.2 MI
5. Take the CT-164/CT-138 exit, EXIT 85, toward PRESTON CITY/PACHAUG. 0.6 MI
6. Turn RIGHT onto VOLUNTOWN RD/CT-138. Continue to follow CT-138. 7.5 MI
7. Turn SLIGHT RIGHT onto ROCKVILLE ROAD/CT-138 E. 2.0 MI
8. 422 ROCKVILLE RD is on the RIGHT. 0.0 MI

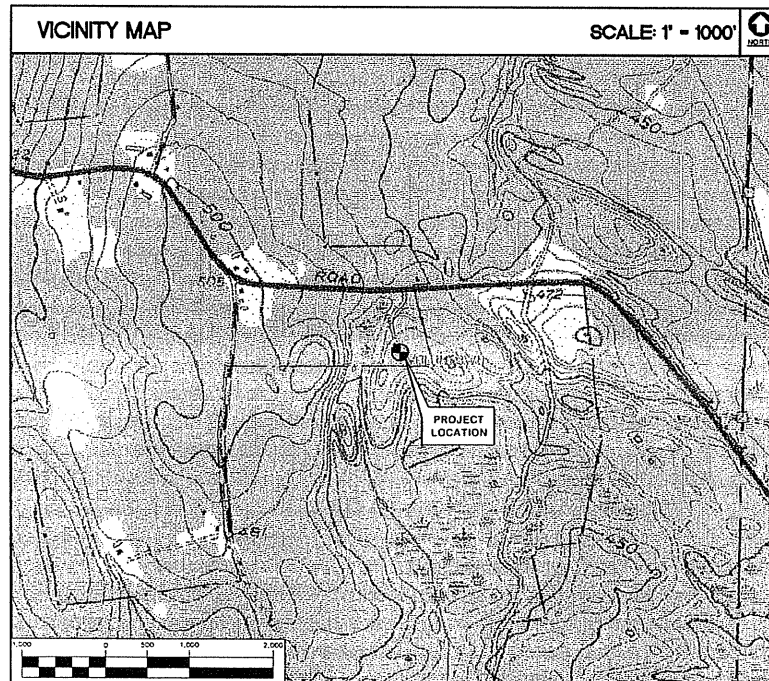
GENERAL NOTES

1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELCO PARTNERSHIP.

SITE INFORMATION

THE SCOPE OF WORK SHALL INCLUDE:

1. THE CONSTRUCTION OF A 50'x50' FENCED WIRELESS COMMUNICATIONS COMPOUND WITHIN A 100'x100' LEASE AREA.
2. A TOTAL OF FIFTEEN (15) DIRECTIONAL PANEL ANTENNAS ARE PROPOSED TO BE MOUNTED AT A CENTERLINE ELEVATION OF 160'-0"± AGL ON A 160'-0"± PROPOSED STEEL MONOPOLE TOWER.
3. TOTAL ACCESS DRIVE LENGTH IS 890'± OFF OF ROCKVILLE ROAD, APPROXIMATELY 720'± OF AN EXISTING DIRT/GRAVEL DRIVEWAY (PORTIONS TO BE IMPROVED) AND APPROXIMATELY 170'± OF PROPOSED 12' WIDE GRAVEL ACCESS DRIVE.
4. POWER AND TELCO UTILITIES SHALL BE ROUTED UNDERGROUND FROM EXISTING RESPECTIVE DEMARCS TO THE PROPOSED UTILITY BACKBOARD LOCATED ADJACENT TO THE PROPOSED FENCED COMPOUND. FINAL DEMARC LOCATION AND UTILITY ROUTING TO PROPOSED BACKBOARD WILL BE VERIFIED/DETERMINED BY LOCAL UTILITY COMPANIES. UTILITIES WILL BE ROUTED UNDERGROUND FROM UTILITY BACKBOARD TO THE PROPOSED NOMINAL 12'x24' WIRELESS EQUIPMENT SHELTER LOCATED WITHIN FENCED COMPOUND AREA.
5. FINAL DESIGN FOR TOWER AND ANTENNA MOUNTS SHALL BE INCLUDED IN THE D&M PLANS
6. THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2009 CONNECTICUT SUPPLEMENT.
7. THERE WILL NOT BE ANY LIGHTING UNLESS REQUIRED BY THE FCC OR THE FAA.
8. THERE WILL NOT BE ANY SIGNS OR ADVERTISING ON THE ANTENNAS OR EQUIPMENT.



PROJECT SUMMARY

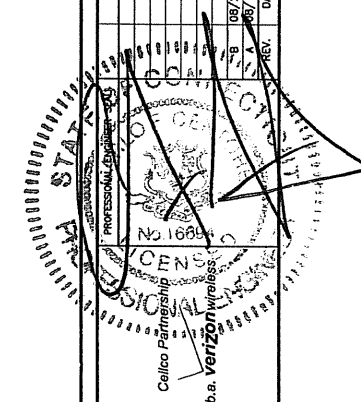
SITE NAME: VOLUNTOWN - SITE 1
SITE ADDRESS: 422 ROCKVILLE ROAD
VOLUNTOWN, CT 06384
PROPERTY OWNER: CHERYL A. MARCINKO
422 ROCKVILLE ROAD
VOLUNTOWN, CT 06384
LESSEE/TENANT: CELCO PARTNERSHIP
d.b.a. VERIZON WIRELESS
99 EAST RIVER DRIVE
EAST HARTFORD, CT 06108
CONTACT PERSON: SANDY CARTER
CELCO PARTNERSHIP
(860) 803-8219
ENGINEER: CENTEK ENGINEERING
63-2 NORTH BRANFORD ROAD
BRANFORD, CT 06405
(203) 488-0580
TOWER COORDINATES: LATITUDE 41°-33'-21.931"
LONGITUDE 71°-48'-20.656"
GROUND ELEVATION: 486.8'± A.M.S.L.
 COORDINATES AND GROUND ELEVATION BASED ON FAA 2C
SURVEY CERTIFICATION PREPARED BY MARTINEZ COUCH
AND ASSOCIATES DATED JANUARY 25, 2010

SHEET INDEX

SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	B
C-1	ABUTTERS MAP	B
C-1A	SITE PLAN	B
C-2	COMPOUND PLAN AND ELEVATION	B
C-3	SITE DETAILS AND SHELTER ELEVATIONS	B
C-4	SITE DETAILS AND NOTES	B
C-5	SHELTER FOUNDATION PLAN, DETAILS AND NOTES	B

DESIGNED BY: CFC
 DRAWN BY: TJB
 CHK'D BY: DMD

NO.	REV.	DATE	BY	DESCRIPTION
1	A	06/23/10	CFC	ISSUED FOR CT SITING COUNCIL
2	B	06/17/10	DMD	ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW



CEN TEK engineering
 Centek on Call™
 (203) 488-0580
 (203) 488-8897 Fax
 63-2 North Branford Road
 Branford, CT 06405
 www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
 WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
 SITE 1
 422 ROCKVILLE ROAD
 VOLUNTOWN, CT 06384

DATE: 10/21/09
 SCALE: AS NOTED
 JOB NO. 09086

TITLE SHEET

T-1
 Sheet No. 1 of 2

N/F
ELISABETH FELLOWS
411 ROCKVILLE ROAD
VOL. 87 P. 976
M 25 L 30

N/F
THEODORE P. KUNSA III
435 ROCKVILLE ROAD
VOL. 95 P. 846
M 25 L 31

N/F
STATE OF CONNECTICUT
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
M.A. 165 CAPITOL AVENUE
HARTFORD, CT 06106
M 25 L 32

ROCKVILLE ROAD RT. 138

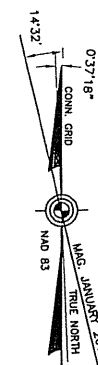
N/F
DAVID E. & JOANNE WILLIAMS
412 ROCKVILLE ROAD
VOL. 73 P. 1043
M 25 L 35

625'±
TO NEAREST
RESIDENCE

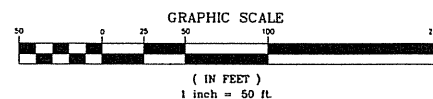
PROPOSED CELCO PARTNERSHIP
160'± MONOPOLE TOWER

N/F
STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL
PROTECTION
M.A. 165 CAPITOL AVENUE
HARTFORD, CT 06106
M 20 L 1

N/F
STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL
PROTECTION
M.A. 165 CAPITOL AVENUE
HARTFORD, CT 06106
M 20 L 1

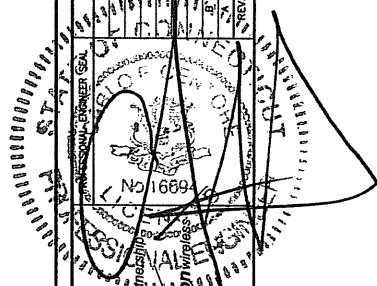


1
ABUTTERS MAP
C-1 SCALE: 1" = 50'



DESIGNED BY:	CFC
DRAWN BY:	TJB
CHK'D BY:	DMD

REV.	DATE	ISSUED FOR	CHK'D BY	DESCRIPTION
1	10/21/09	FOR CT STING COUNCIL	CFC	CLIENT REVIEW
2	10/27/09	FOR CT STING COUNCIL	CFC	
3	10/27/09	FOR CT STING COUNCIL	CFC	



Cellco Partnership
d.b.a. Verizon Wireless

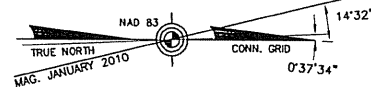
CENTEK engineering
Central Solutions™
(303) 486-0980
(303) 486-8887 Fax
432 North Bradford Road
Bradford, CT 06405
www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
SITE 1
422 ROCKVILLE ROAD
VOLUNTOWN, CT 06384

DATE: 10/21/09
SCALE: AS NOTED
JOB NO. 09086

ABUTTERS MAP
C-1
Sheet No. 2 of 7

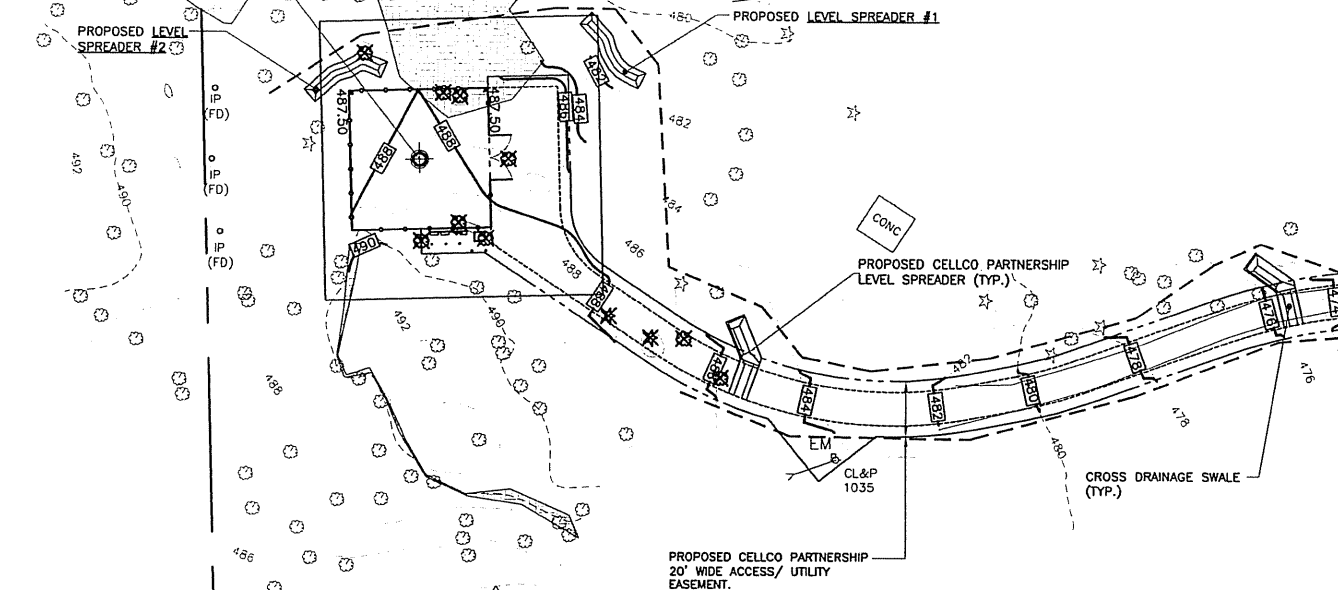
PROPOSED TOWER LOCATION:
GRID N: 764759.516
GRID E: 1258435.583
LATITUDE: 41°33'21.931"
LONGITUDE: -71°48'20.655"



Legend

- PROPERTY LINE
- - - EASEMENT (PROPOSED)
- LEASE LINE (EXISTING)
- - - CONTOUR LINE
- - - GRADING LINE
- - - PROPOSED FENCE
- SPOT ELEVATIONS
- - - SILTATION FENCE
- ANGLE POINT IN PROPERTY LINE
- IRON PIN / IRON PIPE FOUND
- CONCRETE MONUMENT / CHD FOUND
- WF Δ EXIST'G UTILITY POLE
- ☆ WETLAND FLAG
- ☆ DECIDUOUS TREE (EXIST'G)
- ☆ EVERGREEN TREE (EXIST'G)
- ☆ DECIDUOUS TREE TO BE REMOVED
- ☆ EVERGREEN TREE TO BE REMOVED

TREE REMOVAL SUMMARY	
TREES PROPOSED TO BE REMOVED IN LOCATION OF PROPOSED CELICO PARTNERSHIP 20' WIDE ACCESS EASEMENT	= 7
TREES PROPOSED TO BE REMOVED WITHIN AND ADJACENT TO PROPOSED LEASE AREA	= 7
TOTAL TREES PROPOSED TO BE REMOVED	= 14



SURVEY NOTES

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THRU 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPT. 26, 1996. THE TOPOGRAPHIC SURVEY PORTION OF THIS PLAN CONFORMS TO A VERTICAL ACCURACY OF CLASS T-2 AND IS INTENDED TO BE USED TO DEPICT A PROPOSED TELECOMMUNICATION SITE.

THE PROPERTY/BOUNDARY LINES DEPICTED HEREON ARE COMPILED FROM OTHER MAPS, DEEDS AND LIMITED FIELD SURVEY. THESE LINES ARE NOT TO BE CONSTRUED AS A BOUNDARY OPINION AND ARE SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. PROPERTY MAY BE SUBJECT TO ENCUMBRANCES, EASEMENTS, RIGHTS OF WAY AS A TITLE SEARCH REPORT MAY DISCLOSE.

VERTICAL DATUM IS BASED ON NGVD 29.

COORDINATES REFER TO NAD 83.

PARCEL OWNER OF RECORD: CHERYL A. MARGINKO
422 ROCKVILLE ROAD
VOLUNTOWN, CT

PARCEL AREA = 11.2± ACRES.

PARCEL IS IN THE RURAL ZONING DISTRICT.

PARCEL ID: MAP 25 LOT 34 VOLUNTOWN ASSESSOR'S OFFICE.

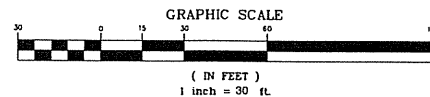
PARCEL IS IN ZONE X ON THE FLOOD INSURANCE RATE MAP, VOLUNTOWN, CONNECTICUT, NEW LONDON COUNTY, PANEL 10 OF 10, COMMUNITY PANEL NUMBER 0901430010B, EFFECTIVE DATE JUNE 3, 1988.

REFERENCE IS MADE TO THE FOLLOWING MAPS:

- 1) PLAN SHOWING ATTWATER SUBDIVISION ON PROPERTY OF ALLAN G. ATTWATER AND JUNE N. ATTWATER, CONN. ROUTE 138 & TAR KILN HILL ROAD, VOLUNTOWN, CONNECTICUT, SCALE 1"=50', DATED JULY 1987, REVISED THROUGH MARCH 2, 1988, BY GEORGE H. DIETER.
- 2) RIGHT OF WAY MAP, TOWN OF VOLUNTOWN, ROCKVILLE ROAD, FROM THE VOLUNTOWN - R.I. ROAD SO. EASTERLY TO THE R.I. STATE LINE, ROUTE NO. 136, SCALE 1"=40', DATED MAY 31, 1939, BY CONNECTICUT STATE HIGHWAY DEPARTMENT

NOT ALL IMPROVEMENTS SHOWN.

1 SITE PLAN
C-1A SCALE: 1" = 30'

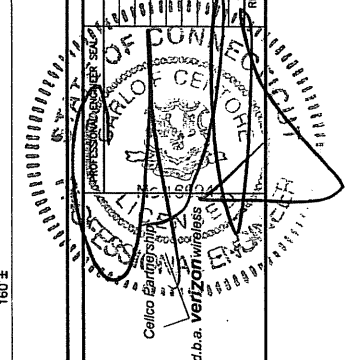
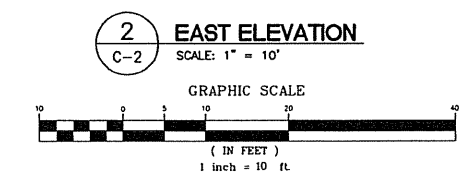
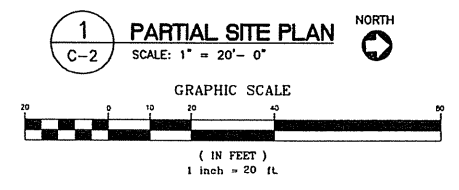
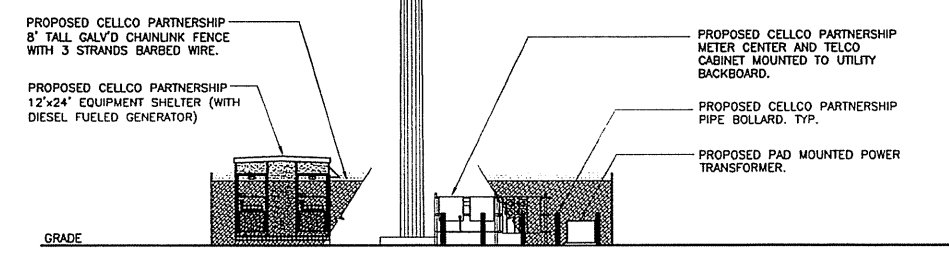
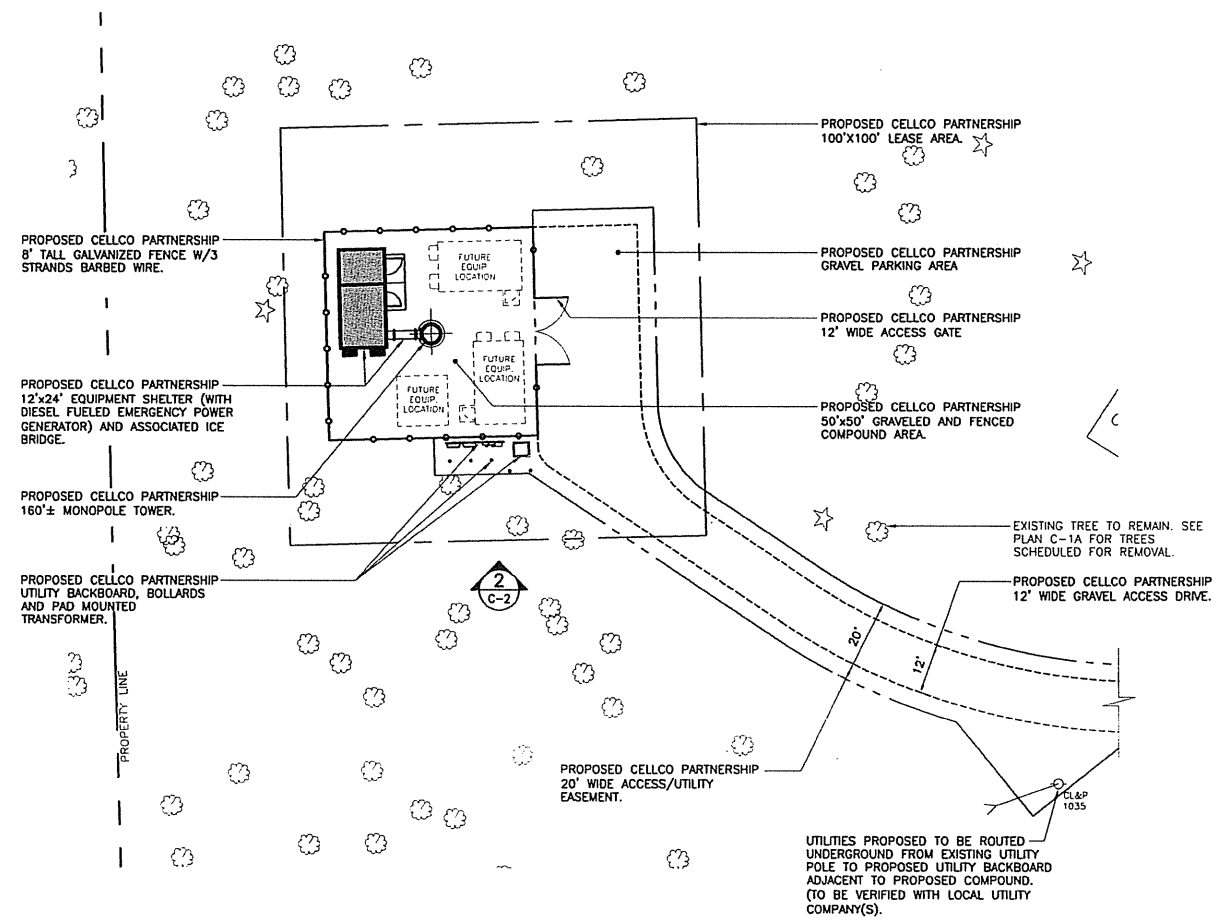
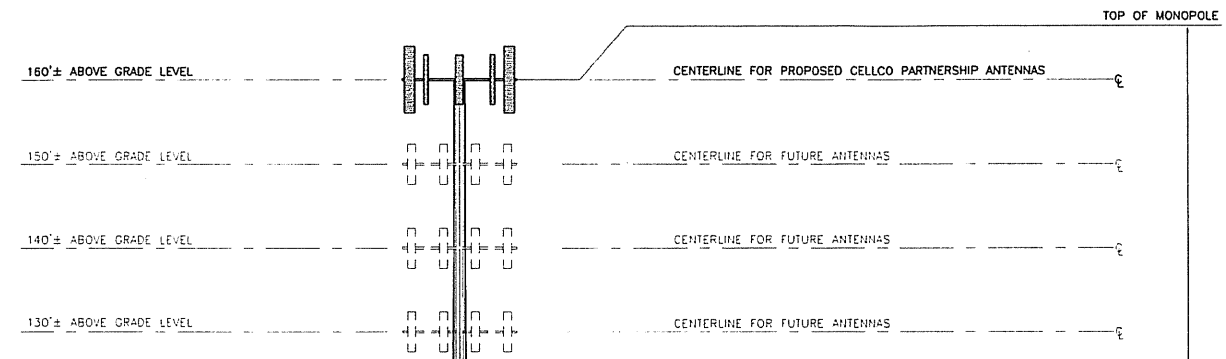
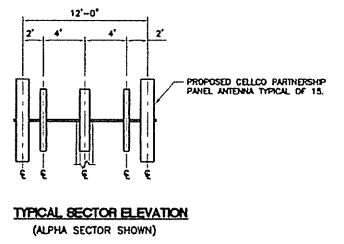
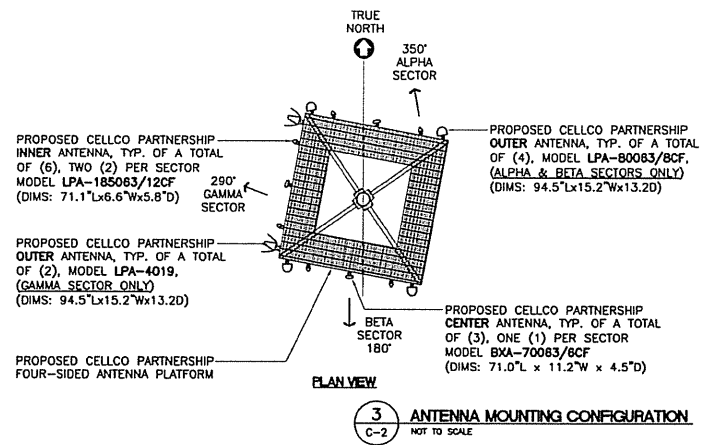


ROCKVILLE ROAD RT. 138

DESIGNED BY:	CFC
DRAWN BY:	TJB
CHK'D BY:	DMD
ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW	
ISSUED FOR CT SITING COUNCIL - DESCRIPTION	
DATE	10/21/09
SCALE	AS NOTED
JOB NO.	09086
SITING PLAN	
C-1A	
Sheet No. 3 of 7	

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
SITE 1
422 ROCKVILLE ROAD
VOLUNTOWN, CT 06384

CENTEK engineering
Continued on 10/10/09
(203) 488-0580
(203) 488-8887 Fax
Branford, CT 06405
www.CentekEng.com



DESIGNED BY: CFC
DRAWN BY: TJB
CHK'D BY: DMD

NO.	DATE	REV.	DESCRIPTION
1	08/23/10	DMD	ISSUED FOR CT SITING COUNCIL
2	08/17/10	CFC	ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW
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4			
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7			
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9			
10			

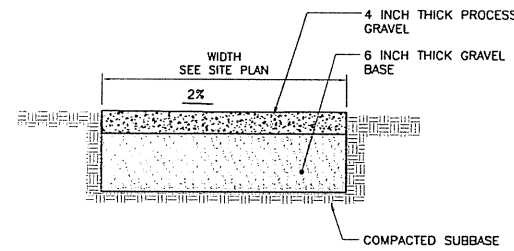
CENTEK engineering
Centek on Solutions™
203-488-0580
203-488-0587 fax
652 North Meriden Road
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www.CentekEng.com

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
SITE 1
422 ROCKVILLE ROAD
VOLUNTOWN, CT 06384

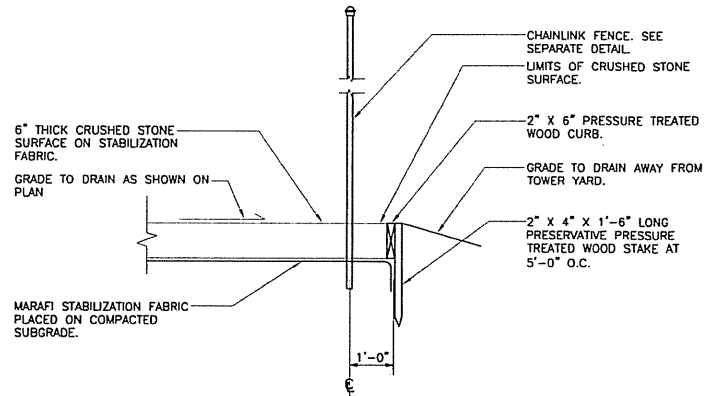
DATE: 10/21/09
SCALE: AS NOTED
JOB NO. 09086

COMPOUND PLAN AND ELEVATION

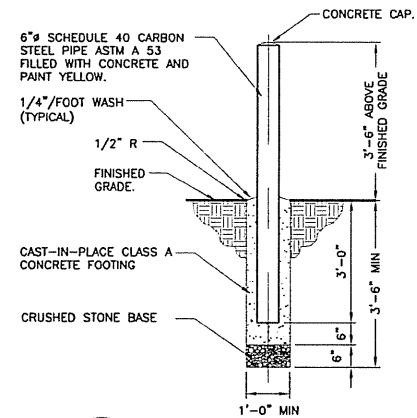
C-2
Sheet No. 1 of 2



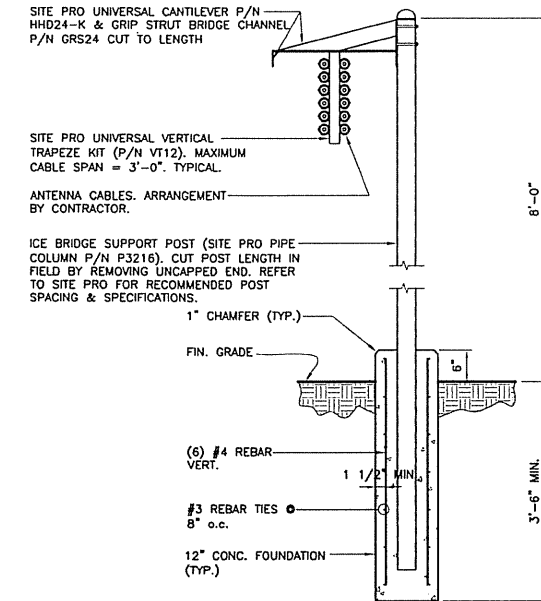
1 GRAVEL PARKING SURFACE
C-3 NOT TO SCALE



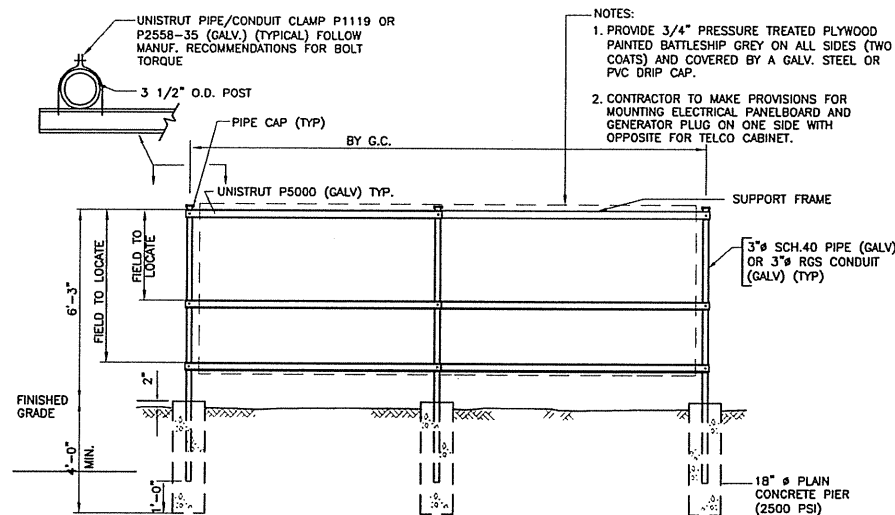
2 COMPOUND SURFACING DETAIL
C-3 NOT TO SCALE



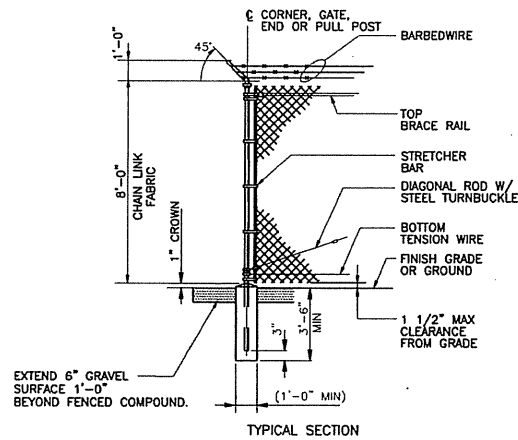
3 BOLLARD DETAIL
C-3 NOT TO SCALE



4 ICE BRIDGE DETAIL
C-3 NOT TO SCALE



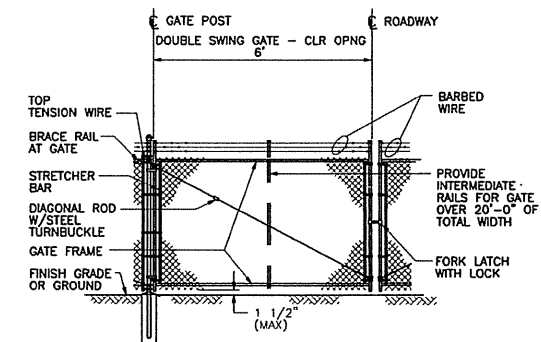
5 UTILITY SUPPORT FRAME (TYP)
C-3 NOT TO SCALE



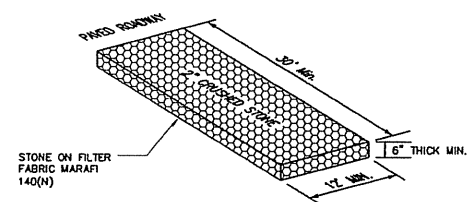
6 WOVEN WIRE FENCE DETAIL
C-3 NOT TO SCALE

WOVEN WIRE FENCE NOTES

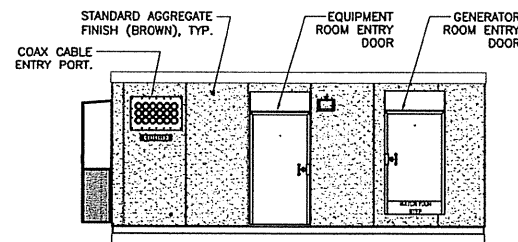
- GATE POST, CORNER, TERMINAL OR PULL POST 2 1/2" # SCHEDULE 40 FOR GATE WIDTHS UP THRU 6 FEET OR 12 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
- LINE POST: 2" # SCHEDULE 40 PIPE PER ASTM-F1083.
- GATE FRAME: 1 1/2" # SCHEDULE 40 PIPE PER ASTM-F1083.
- TOP RAIL & BRACE RAIL: 1 1/2" # SCHEDULE 40 PIPE PER ASTM-F1083.
- FABRIC: 12 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
- TIE WIRE: MINIMUM 11 GA. GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED MAX 24" INTERVALS.
- TENSION WIRE: 7 GA. GALVANIZED STEEL.
- BARBED WIRE: DOUBLE STRAND 12-1/2" O.D. TWISTED WIRE TO MATCH W/FABRIC 14 GA., 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
- GATE LATCH: DROP DOWN LOCKABLE FORK LATCH AND LOCK, KEYED ALIKE FOR ALL SITES IN A GIVEN MTA.
- LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED WITH IF REQUIRED.
- HEIGHT = 8' VERTICAL + 1' BARBED WIRE VERTICAL DIMENSION.
- ALL FENCE AND GATE SECTIONS TO RECEIVE BLACK VINYL PRIVACY SLATS.



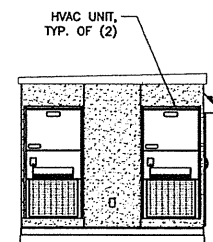
6A WOVEN WIRE SWING GATE-DOUBLE
C-3 NOT TO SCALE



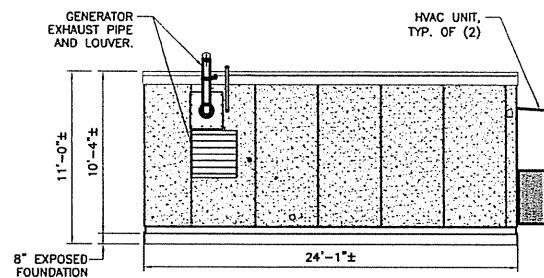
7 CONSTRUCTION ENTRANCE
C-3 NOT TO SCALE



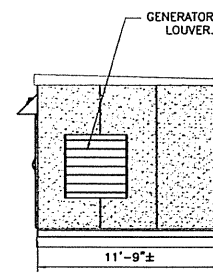
8 NORTH SHELTER ELEVATION
C-3 SCALE: 3/16" = 1'-0"



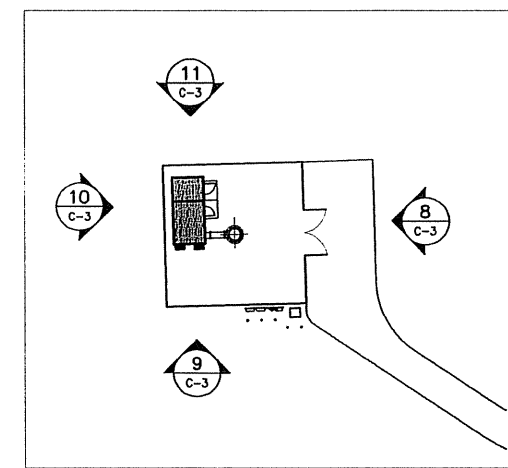
9 EAST SHELTER ELEVATION
C-3 SCALE: 3/16" = 1'-0"



10 SOUTH SHELTER ELEVATION
C-3 SCALE: 3/16" = 1'-0"



11 WEST SHELTER ELEVATION
C-3 SCALE: 3/16" = 1'-0"



SHELTER ELEVATION KEY PLAN
NOT TO SCALE

DESIGNED BY: CFC
DRAWN BY: TJB
CHK'D BY: DMD

ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW
ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW

DATE: 10/21/09
SCALE: AS NOTED
JOB NO. 09085

SITE DETAILS AND SHELTER ELEVATIONS

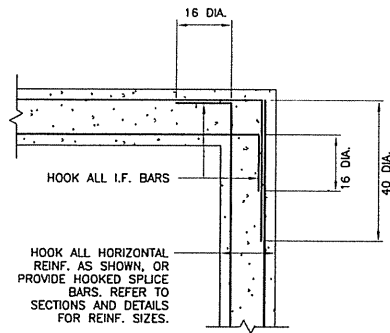
C-3

Sheet No. 5 of 7

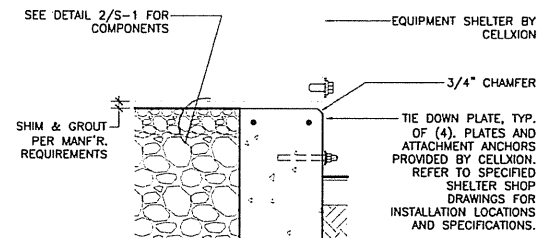
Cellco Partnership d/b/a Verizon Wireless
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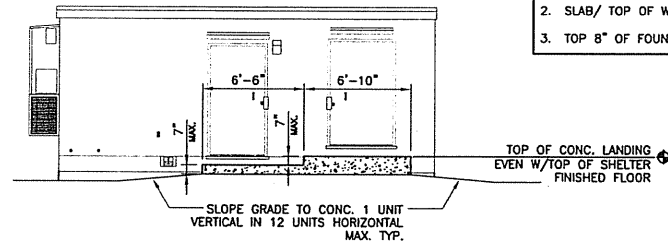


3 PLAN DETAIL
C-5 NOT TO SCALE

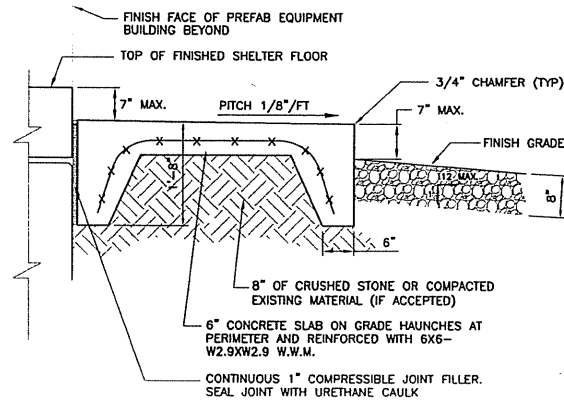


4 BUILDING TIE DOWN
C-5 SCALE: 1/4"=1'-0"

- NOTES:**
1. BEARING SHIMS, TIE-DOWN PLATES AND ASSOCIATED INSTALLATION ANCHORS PROVIDED BY CELLXION. CONTRACTOR SHALL VERIFY ALL SHIM & TIE-DOWN QUANTITIES AND LOCATIONS WITH CELLXION PRIOR TO PERFORMING FOUNDATION WORK.
 2. SLAB/ TOP OF WALL TOLERANCE IS 1/4"±
 3. TOP 8" OF FOUNDATION SIDES MUST BE FORMED FLAT TO ACCEPT TIE-DOWN PLATES.

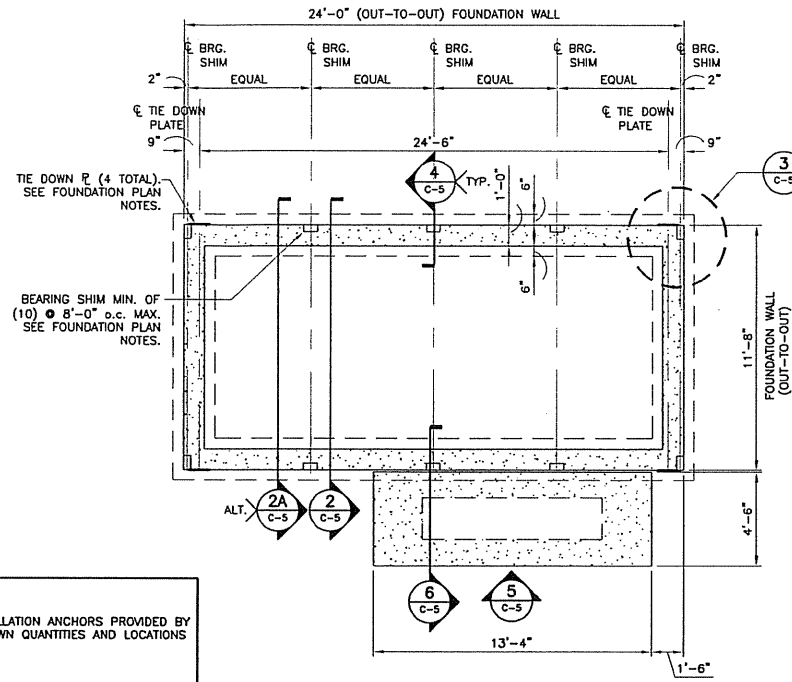


5 ENTRY STOOP DETAIL - ELEVATION
C-5 SCALE: 3/16"=1'-0"

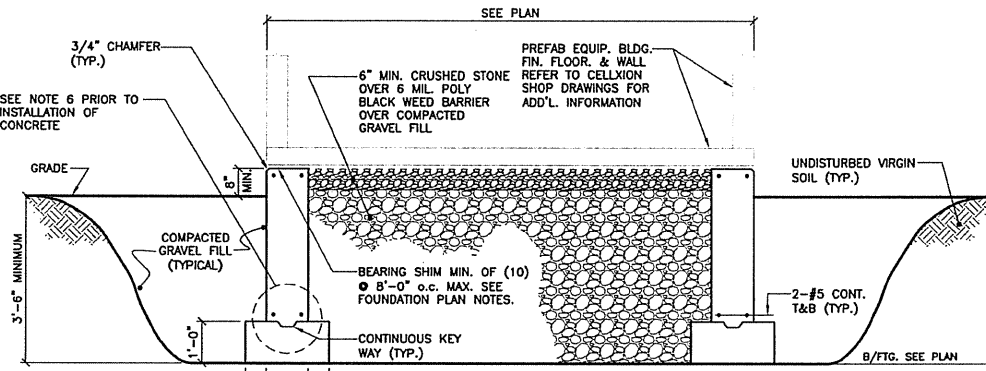


6 ENTRY STOOP DETAIL - SECTION
C-5 SCALE: 3/16"=1'-0"

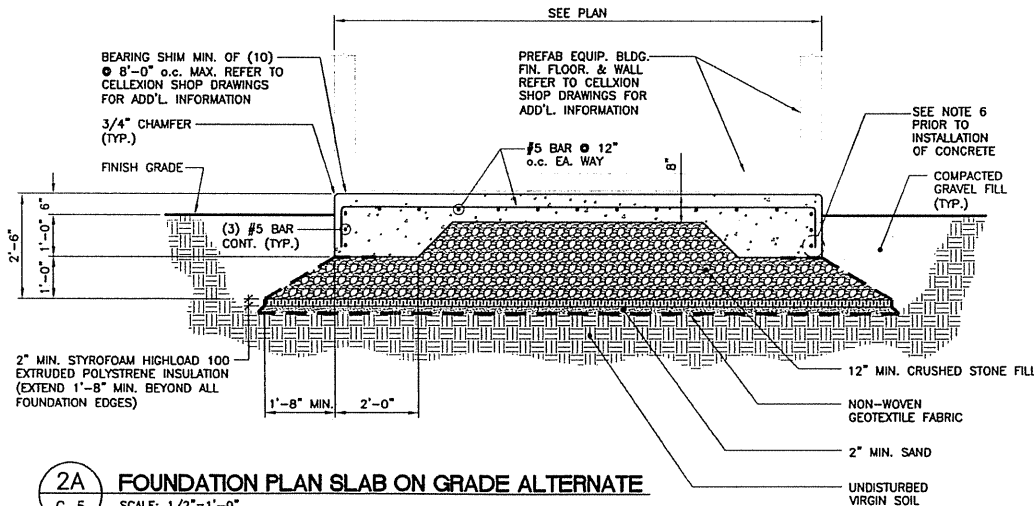
EQUIPMENT SHELTER BY CELLXION. VERIFY ALL SHELTER DIMENSIONS, EQUIPMENT DIMENSIONS, EQUIPMENT LOCATIONS AND UTILITY OPENINGS WITH BUILDING SHOP DRAWINGS PRIOR TO COMMENCEMENT OF WORK.



1 FOUNDATION PLAN
C-5 SCALE: 1/4"=1'-0" APPROXIMATE NORTH



2 TYPICAL SECTION
C-5 SCALE: 1/2"=1'-0"



2A FOUNDATION PLAN SLAB ON GRADE ALTERNATE
C-5 SCALE: 1/2"=1'-0"

FOUNDATION NOTES:

1. IF ANY FIELD CONDITIONS EXIST WHICH PRECLUDE COMPLIANCE WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL NOT PROCEED WITH ANY AFFECTED WORK.
2. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE PRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.
3. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES.
4. REFER TO DRAWING T1 FOR ADDITIONAL NOTES AND REQUIREMENTS.

SITE NOTES:

1. THE CONTRACTOR SHALL CALL UTILITIES PRIOR TO THE START OF CONSTRUCTION.
2. ACTIVE EXISTING UTILITIES, WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY PRIOR TO PROCEEDING. SHOULD ANY UNCOVERED EXISTING UTILITY PRECLUDE COMPLETION OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. ALL RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED OFF SITE AND BE LEGALLY DISPOSED, AT NO ADDITIONAL COST.
4. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND TOWER AREAS.
5. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
6. THE SUBGRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
7. THE AREAS OF THE COMPOUND DISTURBED BY THE WORK SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.
8. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
9. IF ANY FIELD CONDITIONS EXIST WHICH PRECLUDE COMPLIANCE WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL PROCEED WITH AFFECTED WORK AFTER CONFLICT IS SATISFACTORILY RESOLVED.
10. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE PRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.
11. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES.

COMPACTED GRAVEL FILL:

1. COMPACTED GRAVEL FILL SHALL BE FURNISHED AND PLACED AS A FOUNDATION FOR STRUCTURES, WHERE SHOWN ON THE CONTRACT DRAWINGS OR DIRECTED BY THE ENGINEER.
2. GRAVEL SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE M.02.02 OF THE CONNECTICUT D.O.T. STANDARD SPECIFICATIONS. ADMIXTURES AND SURFACE PROTECTIVE MATERIALS USED TO PREVENT THE GRAVEL FROM FREEZING MUST MEET THE APPROVAL OF THE ENGINEER. THE LARGEST STONE SIZE SHALL BE 3-1/2 INCHES.
3. SAMPLES OF THE MATERIAL TO BE USED SHALL BE DELIVERED TO THE JOB SITE 5 DAYS PRIOR TO ITS INTENDED USE SO IT MAY BE TESTED FOR APPROVAL.
4. AFTER ALL EXCAVATION HAS BEEN COMPLETED, GRAVEL SHALL BE DEPOSITED IN LAYERS NOT EXCEEDING EIGHT (8) INCHES IN DEPTH OVER THE AREAS. IN EXCEPTIONAL CASES, THE ENGINEER MAY PERMIT THE FIRST LAYER TO BE THICKER THAN EIGHT (8) INCHES. EACH LAYER SHALL BE LEVELED OFF BY SUITABLE EQUIPMENT. THE ENTIRE AREA OF EACH LAYER SHALL BE COMPACTED BY USE OF APPROVED VIBRATORY, PNEUMATIC-TIRED OR TREAD-TYPE COMPACTION EQUIPMENT. COMPACTION SHALL BE CONTINUED UNTIL THE DRY DENSITY OVER THE ENTIRE AREA OF EACH LAYER IS NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY ACHIEVED BY AASHO T-99 METHOD C. THE MOISTURE CONTENT OF THE GRAVEL SHALL NOT VARY BY MORE THAN 3% FROM ITS OPTIMUM MOISTURE CONTENT. NO SUBSEQUENT LAYER SHALL BE DEPOSITED UNTIL THE SPECIFIED COMPACTION IS ACHIEVED FOR THE PREVIOUS LAYER. IF NECESSARY TO OBTAIN THE REQUIRED COMPACTION, WATER SHALL BE ADDED AND GENTLE PLODDING PERFORMED IF AUTHORIZED. COMPACTED GRAVEL SHALL BE PREVENTED FROM FREEZING BY USE OF APPROVED ADMIXTURES OR BY USE OF APPROVED PROTECTIVE MATERIALS ON THE SURFACE, OR BOTH.

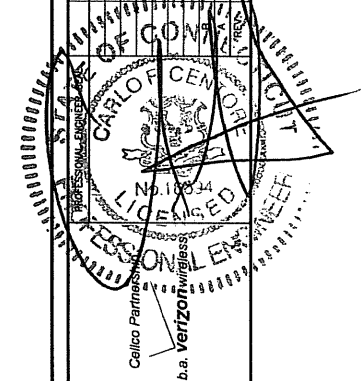
CONCRETE AND REINFORCING STEEL NOTES:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318.
2. ALL CONCRETE SHALL BE NORMAL WEIGHT, 6% AIR ENTRAINED WITH A MAXIMUM SLUMP OF 4", AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED BARS. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 WELDED STEEL WIRE FABRIC. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD UNLESS OTHERWISE INDICATED.
4. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS OTHERWISE NOTED ON THE DRAWINGS:

CONCRETE CAST AGAINST EARTH.....	3 IN.
CONCRETE EXPOSED TO EARTH OR WEATHER:	
#6 AND LARGER.....	2 IN.
#5 AND SMALLER & WWF.....	1 1/2 IN.
CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:	
SLAB AND WALL.....	3/4 IN.
BEAMS AND COLUMNS.....	1 1/2 IN.
5. ALL EXPOSED EDGES OF CONCRETE TO RECEIVE A 3/4" CHAMFER IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
6. CONCRETE EQUIPMENT PAD TO RECEIVE A BRUSHED FINISH.
7. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT DURING DRILLING WITHOUT PRIOR REVIEW BY THE ENGINEER.

DESIGNED BY: CFC
DRAWN BY: DMD
CHK'D BY: CFC

ISSUED FOR CT SINGL COUNCIL	ISSUED FOR CT SINGL COUNCIL - CLIENT REVIEW	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
		10/21/09	DMD	CFC	
		10/17/10	DMD	CFC	



CELLCO PARTNERSHIP d/b/a Verizon Wireless
VOLUNTOWN
SITE 1
422 ROCKVILLE ROAD
VOLUNTOWN, CT 06384

DATE: 10/21/09
SCALE: AS NOTED
JOB NO. 09086

SHELTER FOUND.
PLAN, DETAILS
AND NOTES

C-5
Sheet No. 2 of 2

VOLUNTOWN

Site 2
81 James Road
Voluntown, Connecticut

Description of Proposed Cell Site

Cellco Partnership d/b/a Verizon Wireless
99 East River Drive
East Hartford, CT 06108

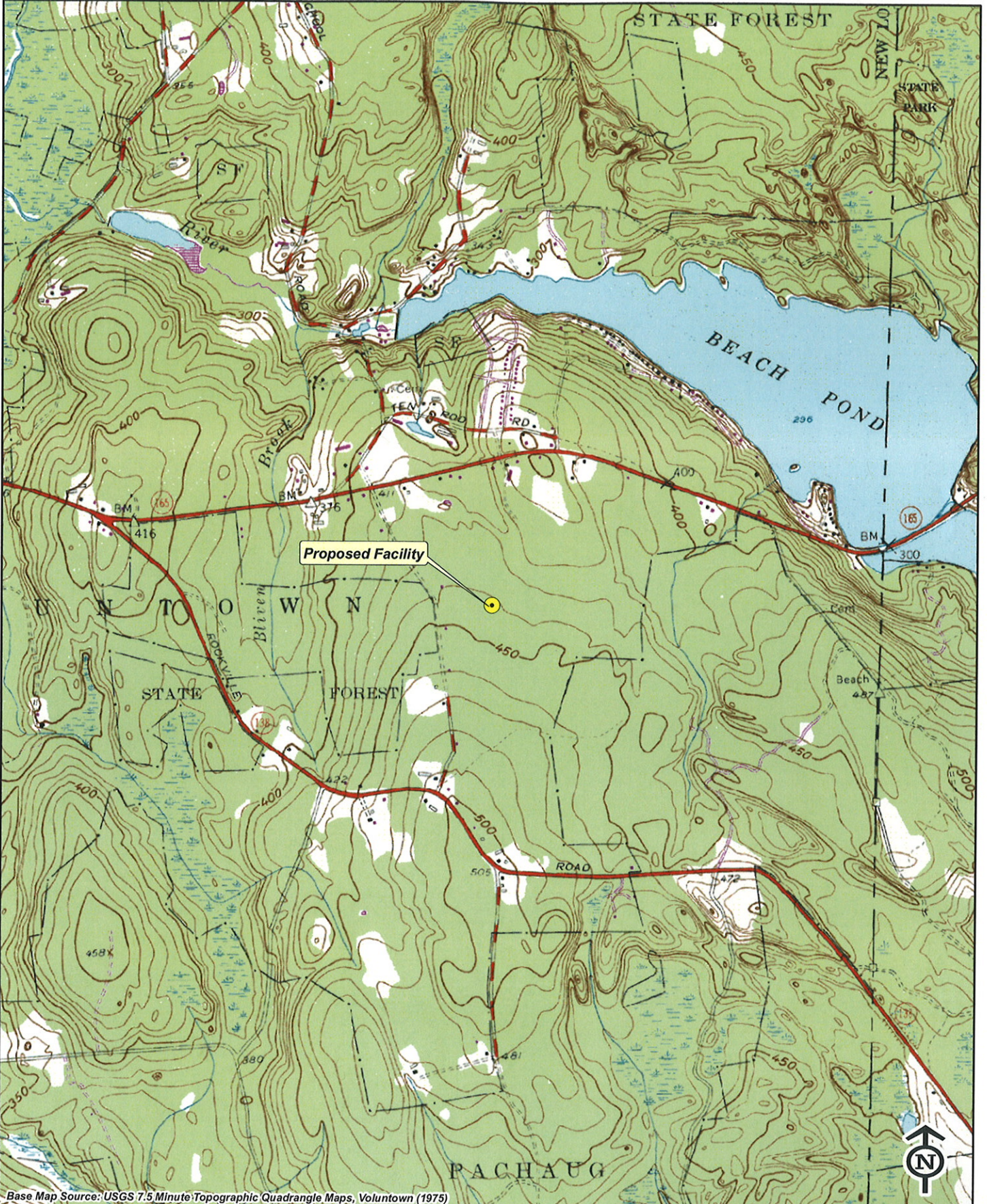
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U.S.G.S. TOPOGRAPHIC MAP.....	2
AERIAL PHOTOGRAPH.....	3
SITE EVALUATION REPORT.....	4
FACILITIES AND EQUIPMENT SPECIFICATION.....	6
ENVIRONMENTAL ASSESSMENT STATEMENT.....	7

SITE NAME: SITE 2 – 81 James Road, Voluntown, CT

GENERAL CELL SITE DESCRIPTION

The proposed cell site would be located within a 50' x 50' fenced compound within an 100' x 100' leased area in the easterly portion of an approximately 9.5 acre parcel owned by Ronald and Joanne Millovitsch (the "Millovitsch Property"). The Millovitsch Property is located on the east side of James Road in Voluntown (the "Site 2 Facility"). The Site 2 Facility would consist of a 160-foot telecommunications tower and a 12' x 24' equipment shelter located near the base of the tower. Cellco antennas would be mounted at the top of the tower with their centerline at the 160-foot level. The top of the Cellco antennas would extend above the top of the tower to a height of approximately 163 feet above ground level. Vehicular access to the site would extend from James Road over the property owners existing driveway a distance of approximately 155 feet, then over a new gravel driveway extension an additional distance of approximately 680 feet to the site compound. Utility service would extend underground from James Road to the cell site.



Base Map Source: USGS 7.5 Minute Topographic Quadrangle Maps, Voluntown (1975)



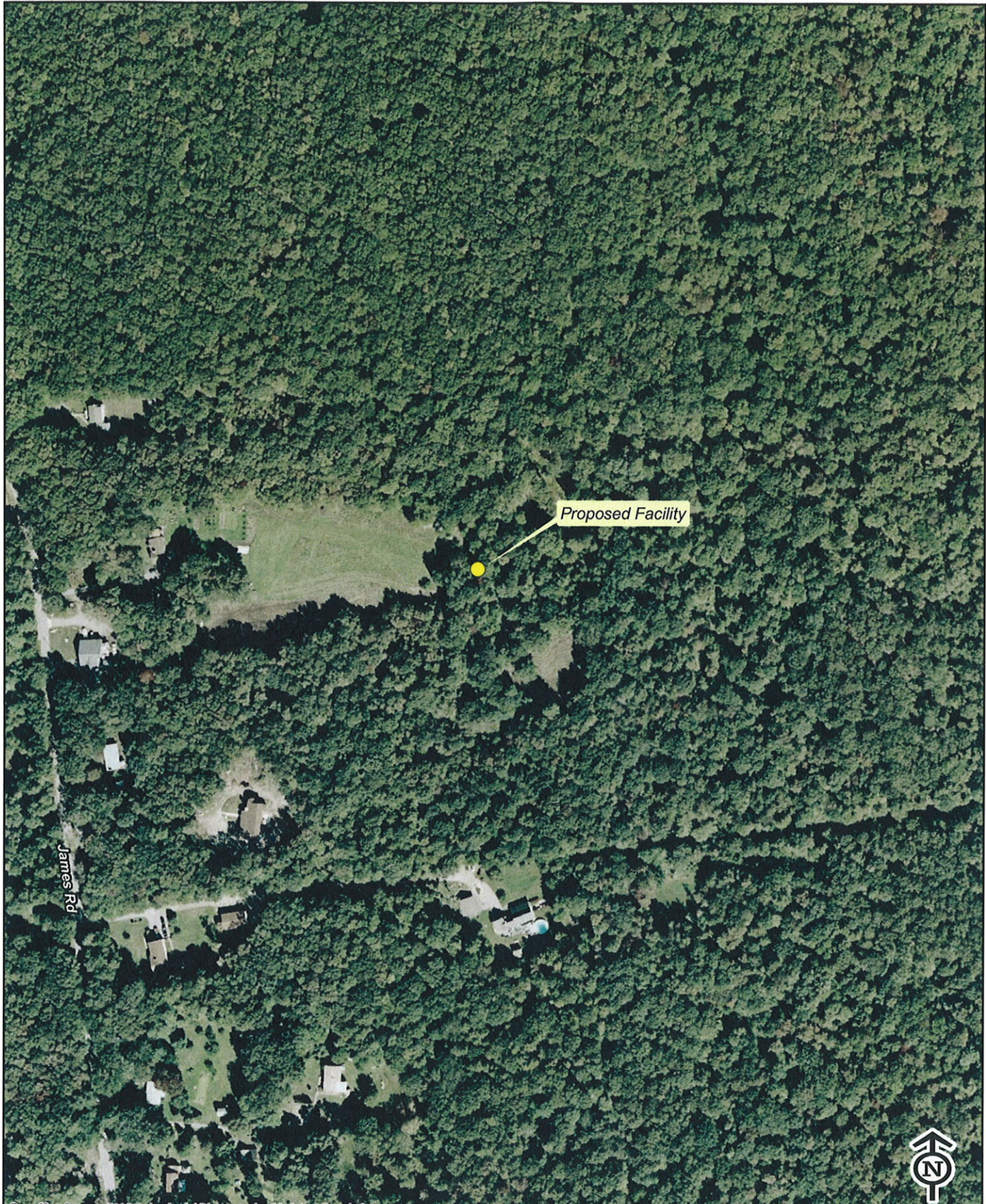
Vanasse Hangen Brustlin, Inc.

**USGS Topographic Map
 Proposed Verizon Wireless
 Telecommunications Facility
 Voluntown - Site 2
 81 James Road
 Voluntown, Connecticut**



Quadrangle Location





Proposed Facility

James Rd



Base Map Source: 2006 Color Aerial Photograph with 1 foot Resolution

Vanasse Hangen Brustlin, Inc.



Aerial Photograph
Proposed Verizon Wireless
Telecommunications Facility
Voluntown - Site 2
81 James Road
Voluntown, Connecticut



Quadrangle Location



SITE EVALUATION REPORT

SITE NAME: SITE 2 – 81 James Road Voluntown, CT

I. LOCATION

- A. COORDINATES: 41°-34'-10.66" N 71°-48'-44.497" W
- B. GROUND ELEVATION: Approximately 441± feet AMSL
- C. USGS MAP: Voluntown, CT
- D. SITE ADDRESS: 81 James Road, Voluntown, CT
- E. ZONING WITHIN 1/4 MILE OF SITE: Land within 1/4 mile of the cell site is in the Rural zone designation.

II. DESCRIPTION

- A. SITE SIZE: 100' x 100' Leased Area
50' x 50' Fenced Compound
- B. LESSOR'S PARCEL: Approximately 9.5 acres
- C. TOWER TYPE/HEIGHT: 160' Monopole Tower
163' Top of Antennas
- D. SITE TOPOGRAPHY AND SURFACE: Topography in the area of the site is generally flat. Clearing and grading for construction of the site compound and portions of the access driveway will be minimal. Cellco anticipates the need to remove 16 trees 6" or greater diameter at breast height to complete the Site 2 improvements to construct the Site 2 Facility.
- E. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The tower is located in the easterly portion of a 9.5 acre parcel used for residential purposes. Land surrounding the parcel is generally flat. The closest wetland area is located approximately 40 feet to the east of the Site 2 Facility compound.
- F. LAND USE WITHIN 1/4 MILE OF SITE: The Site 2 Facility is located on a 9.5 acre residential parcel. The property is surrounded by low density residential the Pachaug State Forest. (See Aerial Photograph at p. 3).

III. FACILITIES

- A. POWER COMPANY: Connecticut Light and Power
- B. POWER PROXIMITY TO SITE: Approximately 825 feet along the proposed access road to James Road to the west of the cell site.
- C. TELEPHONE COMPANY: AT&T
- D. PHONE SERVICE PROXIMITY: Same as power
- E. VEHICLE ACCESS TO SITE: Vehicle access to the site would extend from James Road over an existing gravel driveway a distance of 155 feet then over a new gravel driveway extension an additional distance of 680 feet.
- F. CLEARING AND FILL REQUIRED: Minimal tree clearing and grading would be required for construction of the tower, site compound and access drive. Detailed construction plans would be developed if this location is approved by the Siting Council.

IV. LEGAL

- A. PURCHASE [] LEASE [X]
- B. OWNER: Ronald and Joanne Millovitsch
- C. ADDRESS: 81 James Road, Voluntown, CT 06384
- D. DEED ON FILE AT: Town of Voluntown, CT Land Records

Vol. 40

Page 400

ENVIRONMENTAL ASSESSMENT STATEMENT

SITE NAME: SITE 2 – 81 James Road, Voluntown, CT

I. PHYSICAL IMPACT

A. WATER FLOW AND QUALITY

No water flow and/or water quality changes are anticipated as a result of the construction or operation of the facility. There are no lakes, ponds, rivers, streams, wetlands or other regulated bodies of water located in the area to be used for the access drive, tower or equipment shelter. The equipment used will not discharge any pollutants to area surface or groundwater systems. The closest wetland area is located off-site, approximately 12 feet to the east of the Site 2 Facility compound.

B. AIR QUALITY

Under ordinary operating conditions, the equipment that would be used at the site would emit no air pollutants of any kind. For limited periods during power outages and periodically for maintenance purposes, minor levels of emissions from the on-site generator would result.

Pursuant to R.C.S.A. § 22a-174-3, the on-site emergency back-up generator proposed as a part of this application would require the issuance of a Connecticut Department of Environmental Protection Air Bureau permit for potential emissions. Cellco would obtain this permit prior to installing the generator at the approved cell site.

C. LAND

Minimal clearing and grading of the tower compound and access drive will be required. The remaining land of the Lessor would remain unchanged by the construction and operation of the cell site.

D. NOISE

The equipment to be in operation at the site after construction would emit no noise of any kind, except for operation of the installed heating, air conditioning and ventilation systems and occasional operation of a back-up generator which would be run during power failures and periodically for maintenance purposes. Some noise is anticipated during cell site construction, which is expected to take approximately four to six weeks.

E. POWER DENSITY

The worst-case calculation of power density for Cellco's cellular, PCS and LTE antennas at the Site 2 Facility would be 15.50% of the Standard.

F. VISIBILITY

See Visual Resource Evaluation Report included as Attachment 11.

Cellco Partnership

d.b.a. **verizon** wireless

WIRELESS COMMUNICATIONS FACILITY

VOLUNTOWN

SITE 2

81 JAMES ROAD

VOLUNTOWN, CT, 06384

SITE DIRECTIONS

FROM: 99 EAST RIVER DRIVE EAST HARTFORD, CONNECTICUT **TO:** 81 JAMES ROAD VOLUNTOWN, CONNECTICUT

1. Start out going NORTHEAST on EAST RIVER DRIVE 0.0 mi.
2. Merge onto I-84 E/US-6 E via the ramp on the LEFT toward BOSTON 0.2 mi.
3. Merge onto CT-2 E via EXIT 55 toward NORWICH/NEW LONDON 36.5 mi.
4. Merge onto 1-395 N/GOVERNOR JOHN DAVIS LODGE TURNPIKE via EXIT 28N toward PROVIDENCE. 8.2 mi.
5. Take the CT-164/CT-138 exit, EXIT 85, toward PRESTON CITY/PACHAUG. 0.6 mi.
6. Turn RIGHT onto VOLUNTOWN ROAD/CT-138. Continue to follow CT-138. 7.6 mi.
7. CT-138 becomes BEACH POND ROAD / CT-165 0.8 mi.
8. Turn RIGHT onto JAMES ROAD 0.4 mi.
9. End at 81 JAMES ROAD, on the left. 0.0 mi.

GENERAL NOTES

1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELLCO PARTNERSHIP.

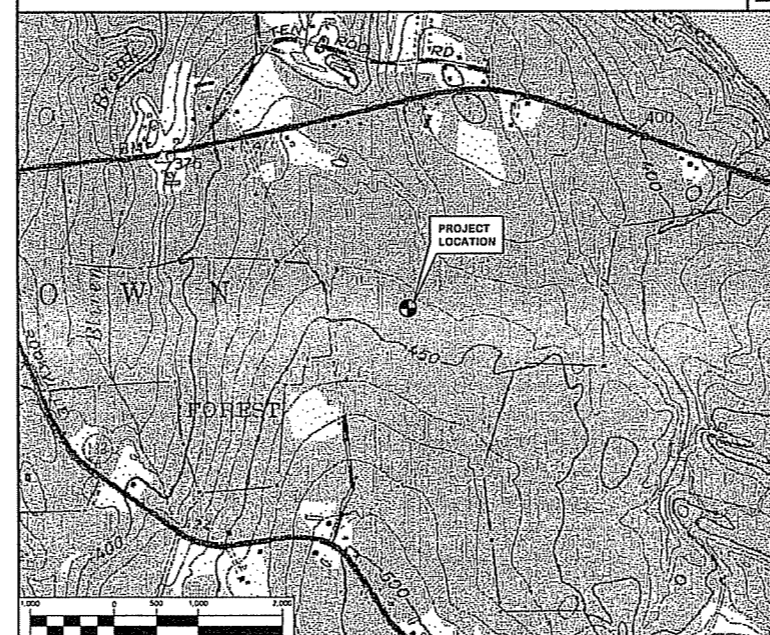
SITE INFORMATION

THE SCOPE OF WORK SHALL INCLUDE:

1. THE CONSTRUCTION OF A 50'X50' FENCED WIRELESS COMMUNICATIONS COMPOUND WITHIN A 100'X100' LEASE AREA.
2. A TOTAL OF FIFTEEN (15) DIRECTIONAL PANEL ANTENNAS ARE PROPOSED TO BE MOUNTED AT A CENTERLINE ELEVATION OF 160'-0"± AGL ON A 160'-0"± PROPOSED STEEL MONOPOLE TOWER.
3. TOTAL ACCESS DRIVE LENGTH IS 835'± OFF OF JAMES ROAD. APPROXIMATELY 155'± OF AN EXISTING PAVED DRIVEWAY AND APPROXIMATELY 680'± OF EXISTING DIRT PATH TO BE IMPROVED AS A 12' WIDE GRAVEL ACCESS DRIVE.
4. POWER AND TELCO UTILITIES SHALL BE ROUTED UNDERGROUND FROM EXISTING RESPECTIVE DEMARCS LOCATED WITHIN THE JAMES ROAD RIGHT OF WAY TO THE PROPOSED UTILITY BACKBOARD LOCATED ADJACENT TO THE PROPOSED FENCED COMPOUND. FINAL DEMARC LOCATION AND UTILITY ROUTING TO PROPOSED BACKBOARD WILL BE VERIFIED/DETERMINED BY LOCAL UTILITY COMPANIES. UTILITIES WILL BE ROUTED UNDERGROUND FROM UTILITY BACKBOARD TO THE PROPOSED NOMINAL 12'X24' WIRELESS EQUIPMENT SHELTER LOCATED WITHIN FENCED COMPOUND AREA.
5. FINAL DESIGN FOR TOWER AND ANTENNA MOUNTS SHALL BE INCLUDED IN THE D&M PLANS.
6. THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2009 CONNECTICUT SUPPLEMENT.
7. THERE WILL NOT BE ANY LIGHTING UNLESS REQUIRED BY THE FCC OR THE FAA.
8. THERE WILL NOT BE ANY SIGNS OR ADVERTISING ON THE ANTENNAS OR EQUIPMENT.

VICINITY MAP

SCALE: 1" = 1000'



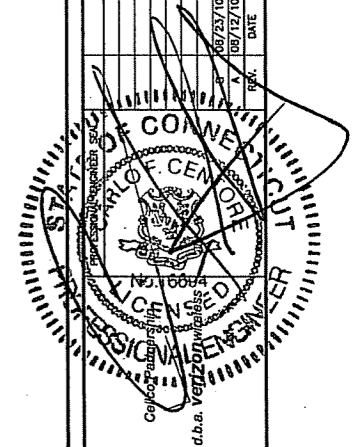
PROJECT SUMMARY

SITE NAME: VOLUNTOWN - SITE 2
SITE ADDRESS: 81 JAMES ROAD VOLUNTOWN, CT
PROPERTY OWNER: RONALD & JOANNE MILLOVITSCH 81 JAMES ROAD VOLUNTOWN, CT 06384
LESSEE/TENANT: CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
CONTACT PERSON: SANDY CARTER CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
ENGINEER: CENTEK ENGINEERING 63-2 NORTH BRANFORD ROAD BRANFORD, CT 06405 (203) 488-0580
TOWER COORDINATES: LATITUDE 41°-34'-10.662" LONGITUDE 71°-48'-44.497" GROUND ELEVATION: 441.2'± A.M.S.L.
COORDINATES AND GROUND ELEVATION BASED ON FAA 2C SURVEY CERTIFICATION PREPARED BY MARTINEZ COUGH AND ASSOCIATES DATED JANUARY 25, 2010

SHEET INDEX

SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	B
C-1	ABUTTERS MAP	B
C-1A	SITE PLAN	B
C-2	COMPOUND PLAN AND ELEVATION	B
C-3	SITE DETAILS AND SHELTER ELEVATIONS	B
C-4	SITE DETAILS AND NOTES	B
C-5	SHELTER FOUNDATION PLAN, DETAILS AND NOTES	B

DESIGNED BY: CFC
 DRAWN BY: DWD
 CHK'D BY: CFC



Cellco Partnership
 99 EAST RIVER DRIVE
 EAST HARTFORD, CT 06108
 (203) 488-0580
 www.CellcoPartn.com

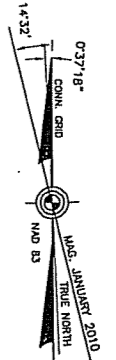
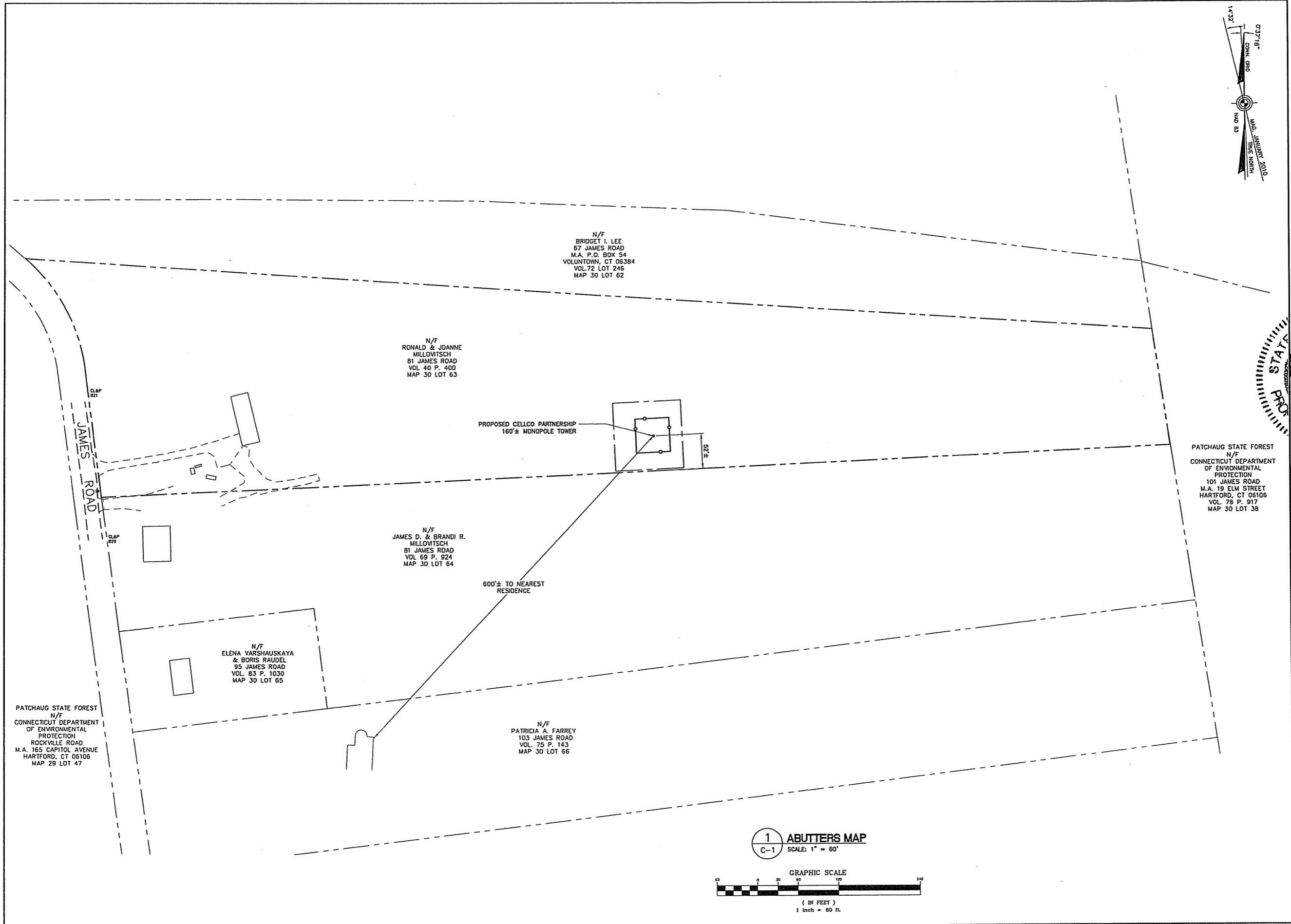
Cellco Partnership d/b/a Verizon Wireless
 WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
 SITE 2
 81 JAMES ROAD
 VOLUNTOWN, CT 06384

DATE: 10/22/09
 SCALE: AS NOTED
 JOB NO. 09087

TITLE SHEET

T-1

Sheet No. 1 of 2



DESIGNED BY:	CFC
DRAWN BY:	TJB
CHK'D BY:	DMD
ISSUED FOR CT SITING COUNCIL	CFC
ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW	CFC
ISSUED FOR CT SITING COUNCIL - DESCRIPTION	CFC
DATE	REV.
08/23/10	A
08/12/10	B
08/23/10	C
08/23/10	D
08/23/10	E
08/23/10	F
08/23/10	G
08/23/10	H
08/23/10	I
08/23/10	J
08/23/10	K
08/23/10	L
08/23/10	M
08/23/10	N
08/23/10	O
08/23/10	P
08/23/10	Q
08/23/10	R
08/23/10	S
08/23/10	T
08/23/10	U
08/23/10	V
08/23/10	W
08/23/10	X
08/23/10	Y
08/23/10	Z

STATE OF CONNECTICUT
PROFESSIONAL ENGINEER
NO. 6684
CELLCO PARTNERSHIP d/b/a Verizon Wireless

CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION
101 JAMES ROAD
M.A. 19 ELM STREET
HARTFORD, CT 06106
VOL. 76 P. 917
MAP 30 LOT 38

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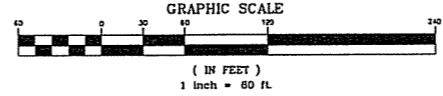
CELLCO PARTNERSHIP d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
SITE 2
81 JAMES ROAD
VOLUNTOWN, CT 06384

DATE: 10/22/09
SCALE: AS NOTED
JOB NO. 09087

ABUTTERS MAP

C-1
Sheet No. 2 of 2

1 ABUTTERS MAP
C-1 SCALE: 1" = 60'

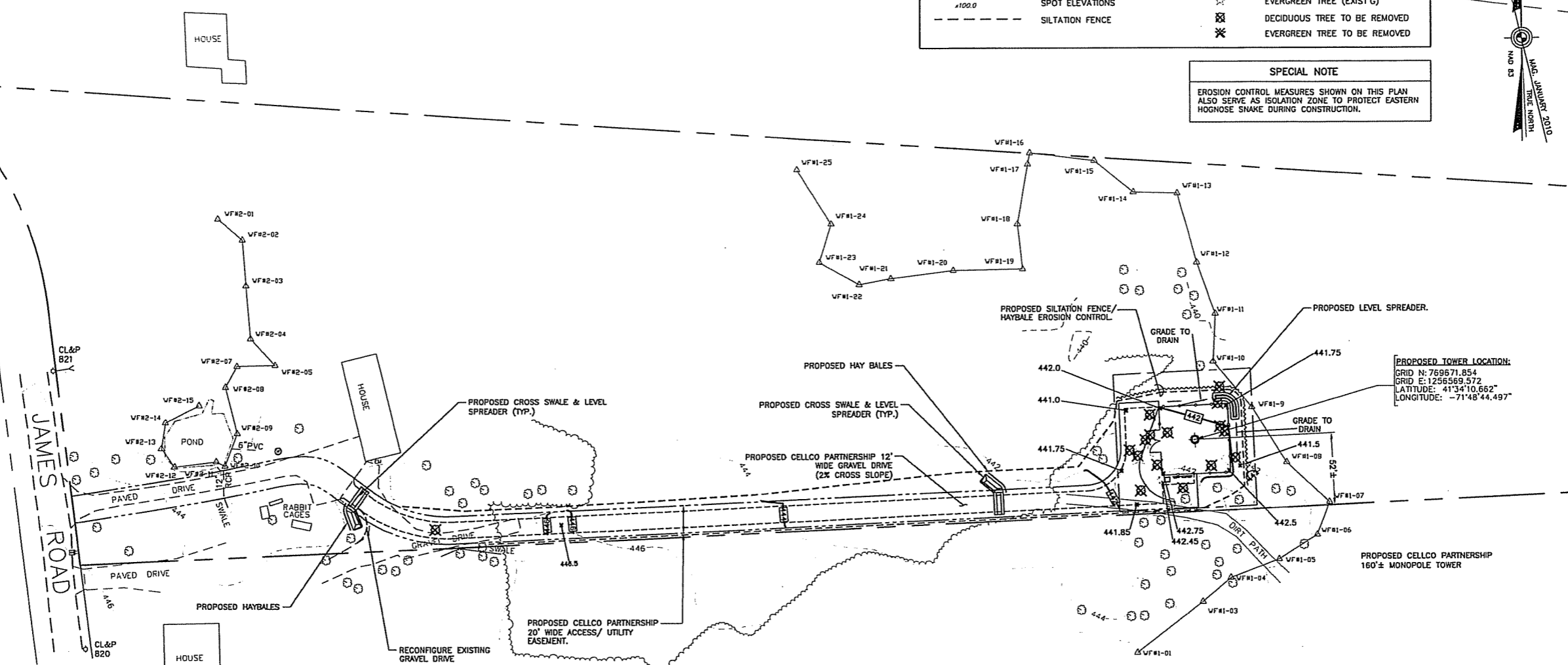
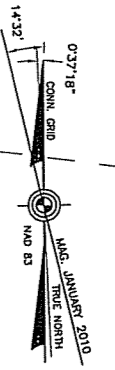


Legend

---	PROPERTY LINE	○	ANGLE POINT IN PROPERTY LINE
- - -	EASEMENT (PROPOSED)	●	IRON PIN / IRON PIPE FOUND
---	LEASE LINE (EXISTING)	■	CONCRETE MONUMENT / CHD FOUND
---	CONTOUR LINE	○	EXIST'G UTILITY POLE
---	GRADING LINE	WFA	WETLAND FLAG
---	PROPOSED FENCE	○	DECIDUOUS TREE (EXIST'G)
---	SPOT ELEVATIONS	☆	EVERGREEN TREE (EXIST'G)
---	SILTATION FENCE	⊗	DECIDUOUS TREE TO BE REMOVED
		⊗	EVERGREEN TREE TO BE REMOVED

SPECIAL NOTE

EROSION CONTROL MEASURES SHOWN ON THIS PLAN ALSO SERVE AS ISOLATION ZONE TO PROTECT EASTERN HOGNOSE SNAKE DURING CONSTRUCTION.



PROPOSED TOWER LOCATION:
 GRID N: 769571.854
 GRID E: 1256569.572
 LATITUDE: 41°34'10.662"
 LONGITUDE: -71°48'44.497"

SURVEY NOTES

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THRU 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPT. 25, 1996. THE TOPOGRAPHIC SURVEY PORTION OF THIS PLAN CONFORMS TO A VERTICAL ACCURACY OF CLASS 1-2 AND IS INTENDED TO BE USED TO DEPICT A PROPOSED TELECOMMUNICATION SITE.

THE PROPERTY/BOUNDARY LINES DEPICTED HEREON ARE COMPILED FROM OTHER MAPS, DEEDS AND LIMITED FIELD SURVEY. THESE LINES ARE NOT TO BE CONSTRUED AS A BOUNDARY OPINION AND ARE SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. PROPERTY MAY BE SUBJECT TO ENCUMBRANCES, EASEMENTS, RIGHTS OF WAY AS A TITLE SEARCH REPORT MAY DISCLOSE.

VERTICAL DATUM IS BASED ON NGVD 29.
 COORDINATES REFER TO NAD 83.

PARCEL OWNER OF RECORD: RONALD & JOANNE MILLOVITSCH
 81 JAMES ROAD
 VOLUNTOWN, CT

PARCEL AREA = 9.5± ACRES.
 PARCEL IS IN THE RURAL ZONING DISTRICT.

PARCEL ID: MAP 30 LOT 63 VOLUNTOWN ASSESSOR'S OFFICE.

PARCEL IS IN ZONE X ON THE FLOOD INSURANCE RATE MAP, VOLUNTOWN, CONNECTICUT, NEW LONDON COUNTY, PANEL 10 OF 10, COMMUNITY PANEL NUMBER 0901430010B, EFFECTIVE DATE JUNE 3, 1988.

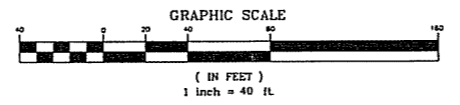
REFERENCE IS MADE TO THE FOLLOWING MAPS:

- 1) PERIMETER SURVEY, PREPARED FOR THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, SYTATE OF CONNECTICUT, PROPERTY OF ZANE L. & GRACE C. SCOFIELD, EASTERLY OF JAMES ROAD, VOLUNTOWN, CONNECTICUT, SCALE 1"=100', DATED JUNE 2002, BY BOUNDARIES, LLC.
- 2) MAP SHOWING PROPERTY OF NORMAN LEHTO, JAMES ROAD, VOLUNTOWN, CONNECTICUT, SCALE 1"=100', DATED DEC. 1971, BY DONALD L. AYRTON.
- 3) MAP SHOWING LAND OF RONALD J. MILLOVITSCH, VOLUNTOWN, CONNECTICUT, SCALE 1"=80', DATED AUG. 1975, BY CARL F. CRAWFORD.

NOT ALL IMPROVEMENTS SHOWN.

TREE REMOVAL SUMMARY	
TREES PROPOSED TO BE REMOVED IN LOCATION OF PROPOSED CELCO PARTNERSHIP 20' WIDE ACCESS EASEMENT	= 1
TREES PROPOSED TO BE REMOVED WITHIN AND ADJACENT TO PROPOSED LEASE AREA	= 15
TOTAL TREES PROPOSED TO BE REMOVED	= 16

1 SITE PLAN
 C-1A SCALE: 1" = 40'



DATE: 0/23/10

DESIGNED BY:	CFC
DRAWN BY:	TJB
CHK'D BY:	DWD
ISSUED FOR CT SITING COUNCIL	CFC
ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW	CFC
DATE	DATE
DRAWN BY	CHK'D BY
DESCRIPTION	
06/23/10	DWD
06/17/10	DWD
06/17/10	CFC

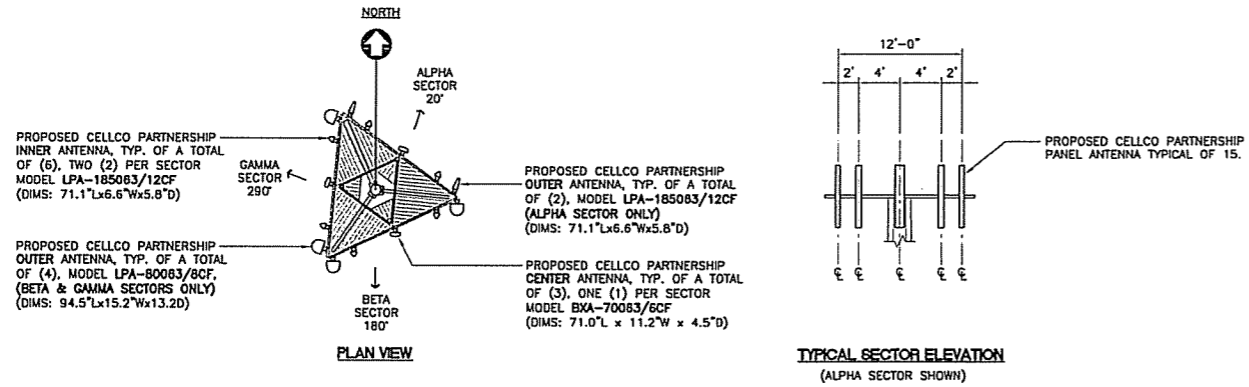
Cellco Partnership d/b/a Verizon Wireless
 WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
 SITE 2
 81 JAMES ROAD
 VOLUNTOWN, CT 06384

CENTEK engineering
 Centek on location
 (303) 498-0380
 (303) 498-8887 Fax
 Boulder, CO 80502
 www.CentekEng.com

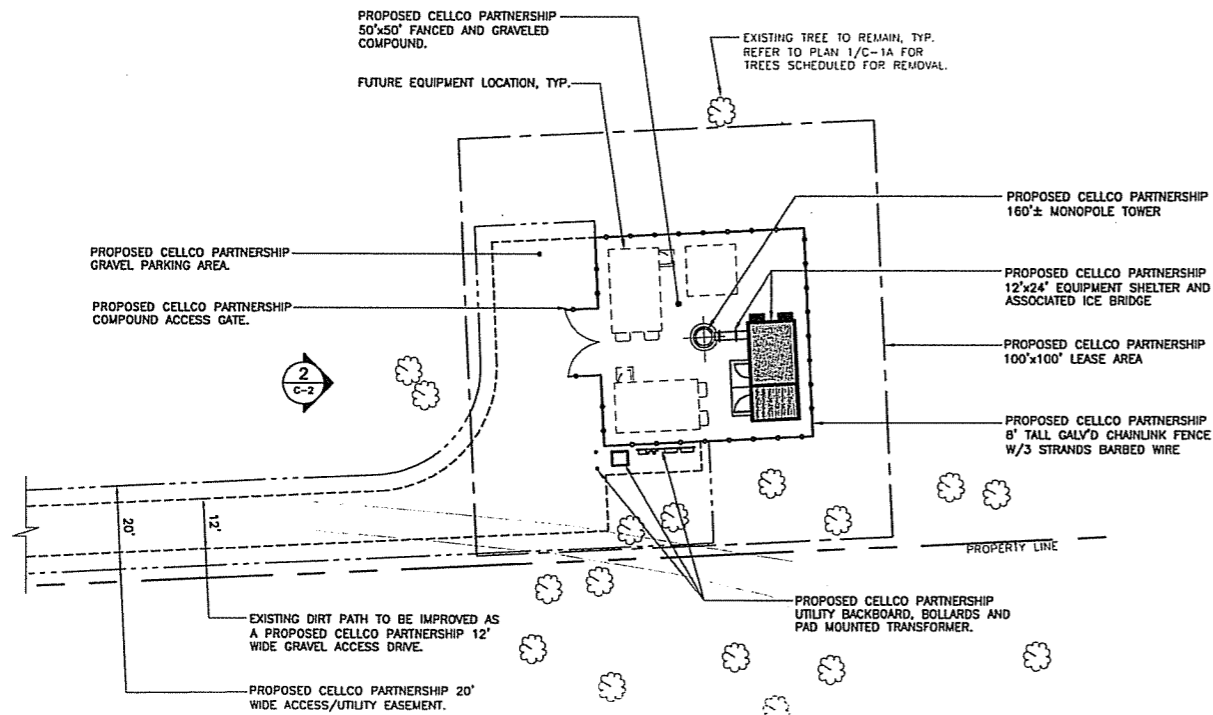
DATE: 10/22/09
 SCALE: AS NOTED
 JOB NO. 09087

SITE PLAN

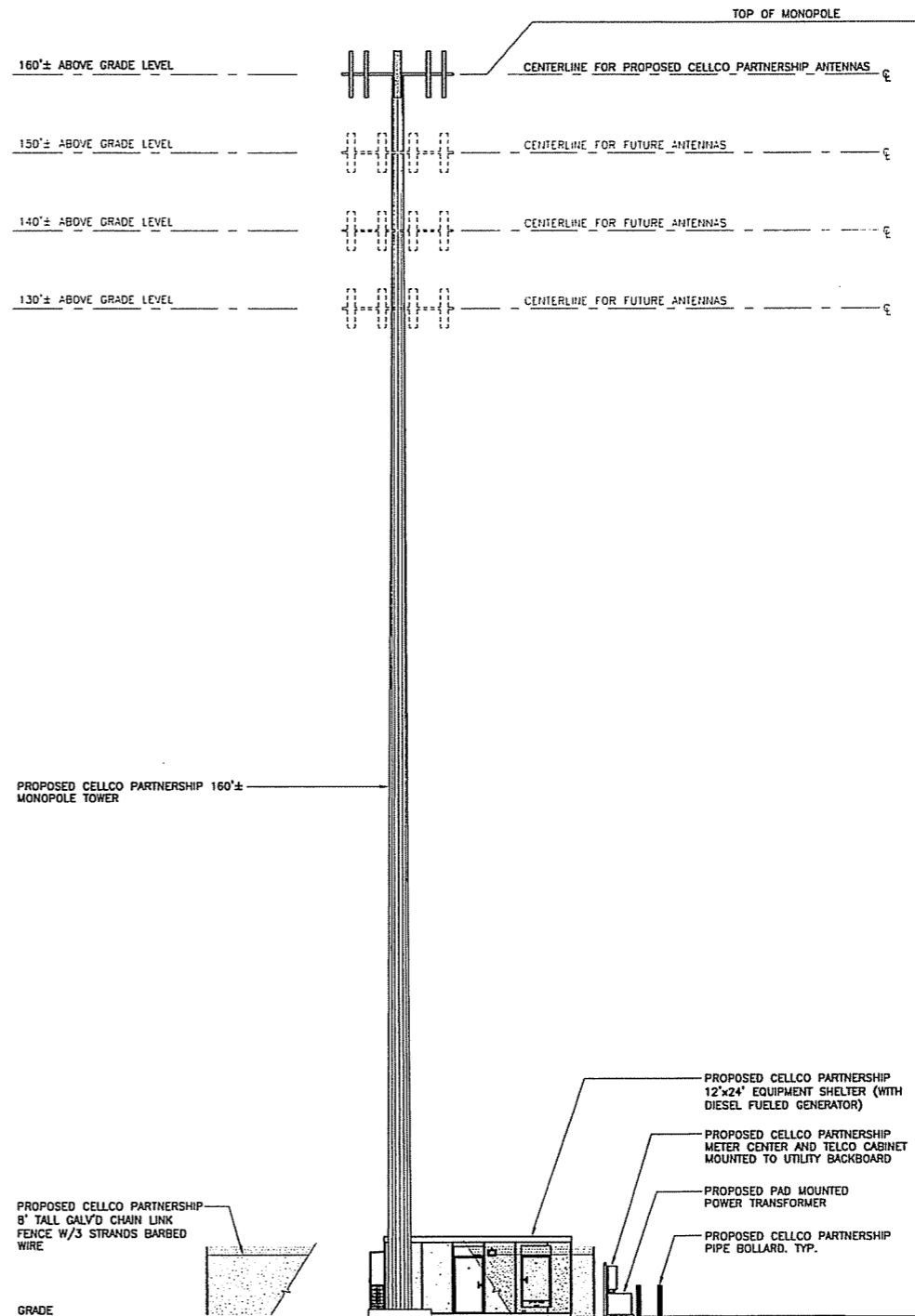
C-1A
 Sheet No. 3 of 7



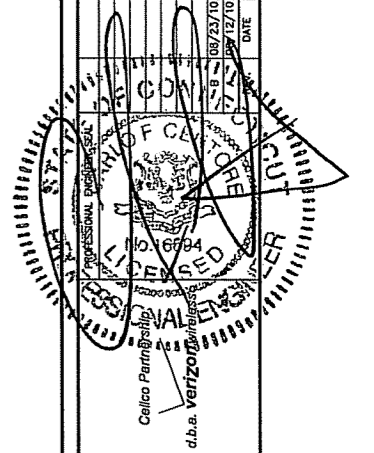
3 ANTENNA MOUNTING CONFIGURATION
C-2 NOT TO SCALE



1 PARTIAL SITE PLAN
C-2 SCALE: 1" = 20'-0"
GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft



2 WEST ELEVATION
C-2 SCALE: 1" = 10'
GRAPHIC SCALE
(IN FEET)
1 inch = 10 ft



DESIGNED BY: CFC
DRAWN BY: TJB
CHK'D BY: DMD

ISSUED FOR	DATE	BY	CHK'D BY	DESCRIPTION
ISSUED FOR CT SITING COUNCIL	10/27/09	DMD	CFC	CLIENT REVIEW
ISSUED FOR CT SITING COUNCIL	10/27/09	DMD	CFC	CLIENT REVIEW

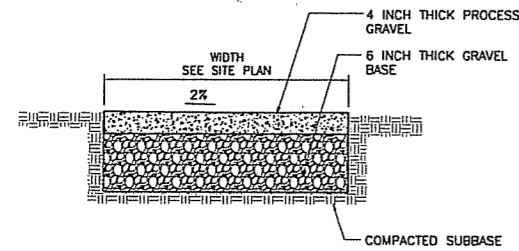
CENITEK engineering
Communications Solutions
1001 Old State Road
487 North Branford Road
Branford, CT 06405
www.cenitekg.com

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
SITE 2
81 JAMES ROAD
VOLUNTOWN, CT 06384

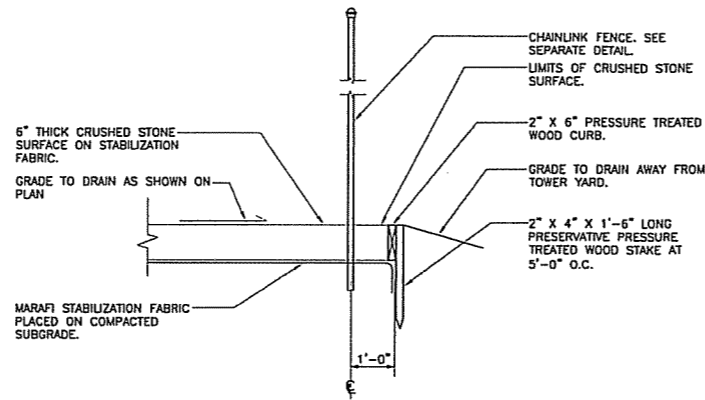
DATE: 10/22/09
SCALE: AS NOTED
JOB NO. 09087

COMPOUND PLAN AND ELEVATION

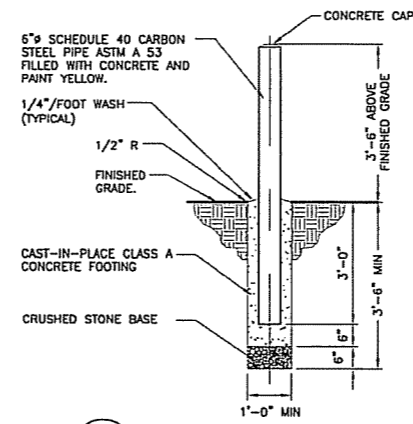
C-2
Sheet No. 1 of 2



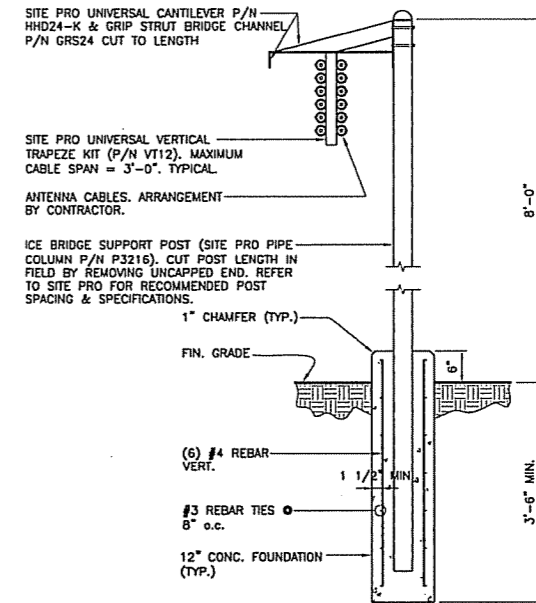
1 GRAVEL PARKING SURFACE
C-3 NOT TO SCALE



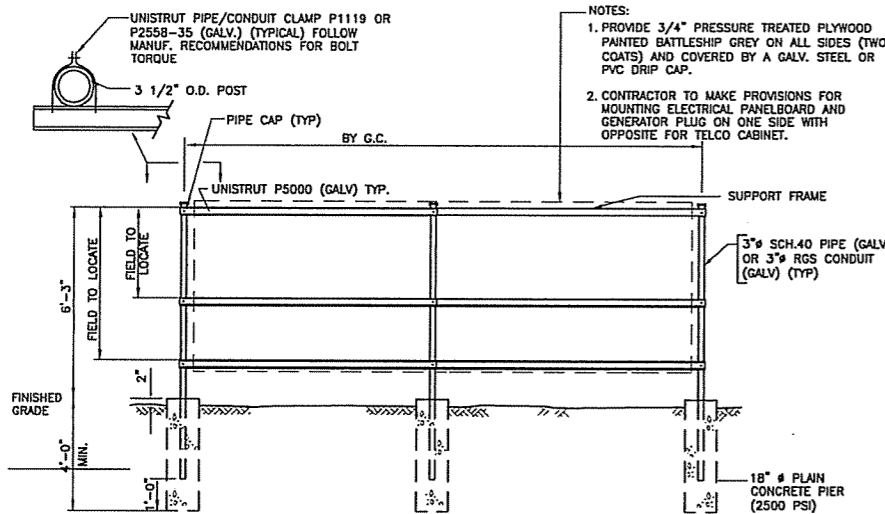
2 COMPOUND SURFACING DETAIL
C-3 NOT TO SCALE



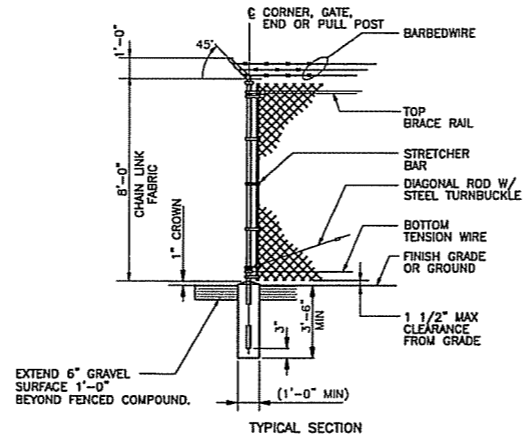
3 BOLLARD DETAIL
C-3 NOT TO SCALE



4 ICE BRIDGE DETAIL
C-3 NOT TO SCALE



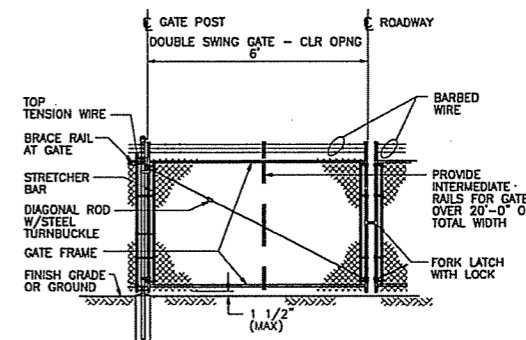
5 UTILITY SUPPORT FRAME (TYP)
C-3 NOT TO SCALE



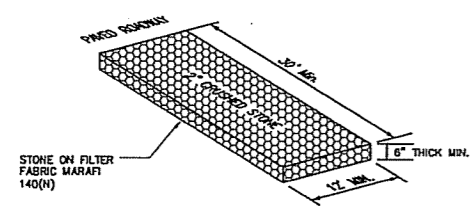
6 WOVEN WIRE FENCE DETAIL
C-3 NOT TO SCALE

WOVEN WIRE FENCE NOTES

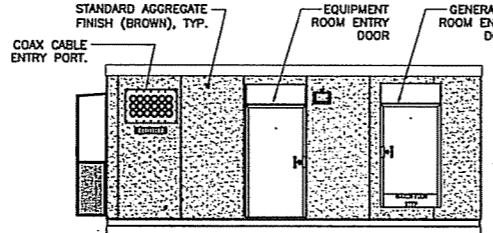
1. GATE POST, CORNER, TERMINAL OR PULL POST 2 1/2" Ø SCHEDULE 40 FOR GATE WIDTHS UP THRU 6 FEET OR 12 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
2. LINE POST: 2" Ø SCHEDULE 40 PIPE PER ASTM-F1083.
3. GATE FRAME: 1 1/2" Ø SCHEDULE 40 PIPE PER ASTM-F1083.
4. TOP RAIL & BRACE RAIL: 1 1/2" Ø SCHEDULE 40 PIPE PER ASTM-F1083.
5. FABRIC: 12 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
6. TIE WIRE: MINIMUM 11 GA. GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED MAX 24" INTERVALS.
7. TENSION WIRE: 7 GA. GALVANIZED STEEL.
8. BARBED WIRE: DOUBLE STRAND 12-1/2" O.D. TWISTED WIRE TO MATCH W/FABRIC 14 GA., 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
9. GATE LATCH: DROP DOWN LOCKABLE FORK LATCH AND LOCK, KEYED ALIKE FOR ALL SITES IN A GIVEN MTA.
10. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED WITH IF REQUIRED.
11. HEIGHT = 8" VERTICAL + 1" BARBED WIRE VERTICAL DIMENSIONAL.
12. ALL FENCE AND GATE SECTIONS TO RECEIVE BLACK VINYL PRIVACY SLATS.



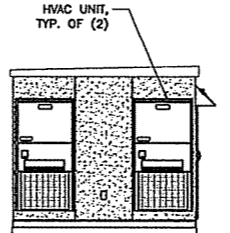
6A WOVEN WIRE SWING GATE-DOUBLE
C-3 NOT TO SCALE



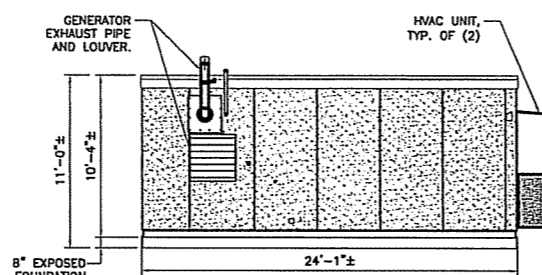
7 CONSTRUCTION ENTRANCE
C-3 NOT TO SCALE



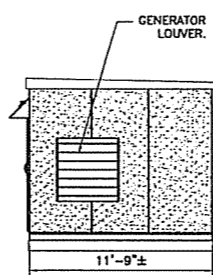
8 WEST SHELTER ELEVATION
C-3 SCALE: 3/16" = 1'-0"



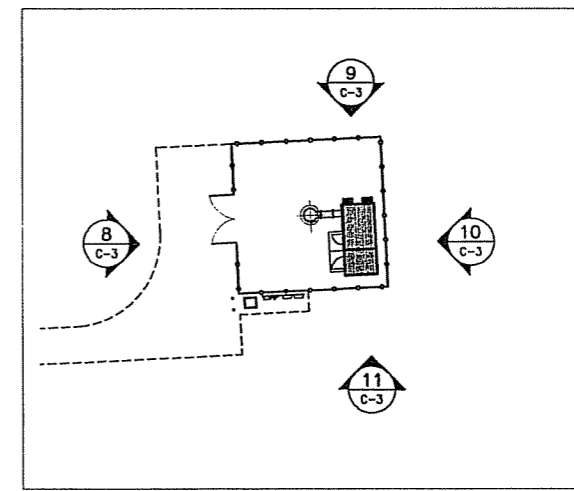
9 NORTH SHELTER ELEVATION
C-3 SCALE: 3/16" = 1'-0"



10 EAST SHELTER ELEVATION
C-3 SCALE: 3/16" = 1'-0"



11 SOUTH SHELTER ELEVATION
C-3 SCALE: 3/16" = 1'-0"



SHELTER ELEVATION KEY PLAN
NOT TO SCALE APPROXIMATE NORTH

DESIGNED BY: CFC
 DRAWN BY: DMD
 CHK'D BY: CFC

ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW
 ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW
 DATE: 06/27/10
 DATE: 06/27/10
 DRAWN BY: CHK'D BY: CFC

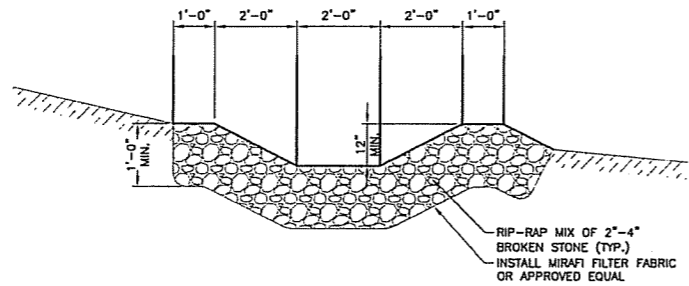
CENTEX engineering
 Center on Solutions
 (203) 498-0880 Fax: (203) 498-0897
 81 James Road
 Storrs, CT 06268
 www.CentExEng.com

Cellco Partnership d/b/a Verizon Wireless
 WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
 SITE 2
 81 JAMES ROAD
 VOLUNTOWN, CT 06384

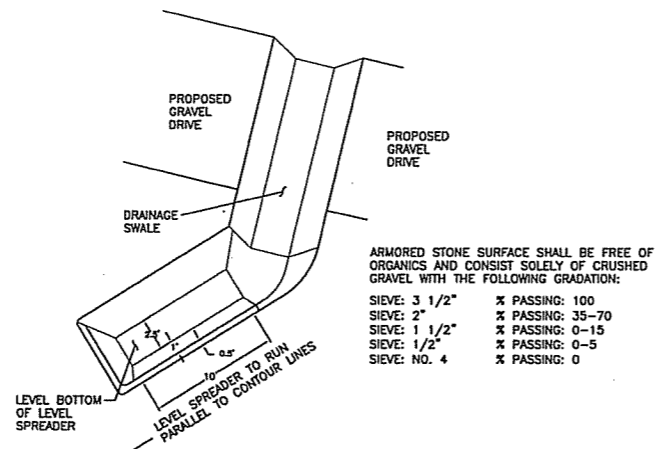
DATE: 10/22/09
 SCALE: AS NOTED
 JOB NO. 09087

SITE DETAILS AND SHELTER ELEVATIONS

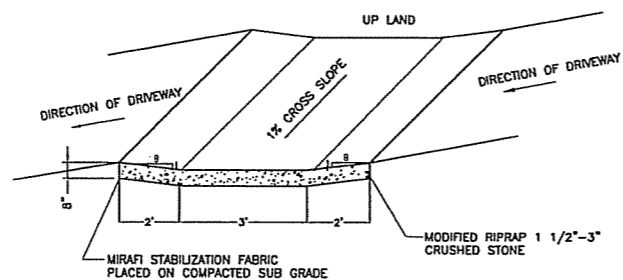
C-3
 Sheet No. 6 of 7



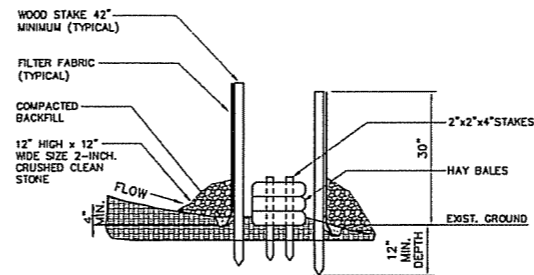
1 TYPICAL LEVEL SPREADER SECTION
C-4 NOT TO SCALE



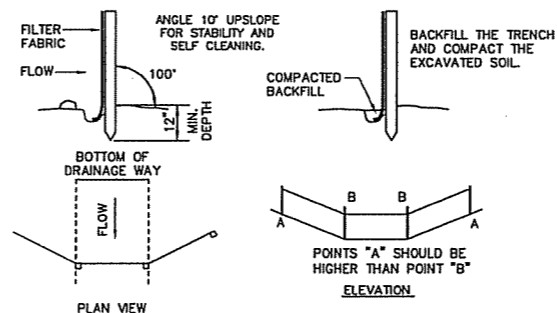
2 TYPICAL LEVEL SPREADER PLAN
C-4 NOT TO SCALE



3 CROSS DRAINAGE SWALE DETAIL
C-4 NOT TO SCALE



4 SILTATION FENCE / HAY BALE / SILTATION FENCE 'SANDWICH' EROSION CONTROL
C-4 NOT TO SCALE



SOURCE: U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, STORRS, CONNECTICUT

5 PLACEMENT AND CONSTRUCTION SILTATION FENCE
C-4 NOT TO SCALE

EROSION CONTROL

GENERAL CONSTRUCTION SEQUENCE

- THIS IS A GENERAL CONSTRUCTION SEQUENCE OUTLINE. SOME ITEMS OF WHICH MAY NOT APPLY TO PARTICULAR SITES.
- CUT AND STUMP AREAS OF PROPOSED CONSTRUCTION.
 - INSTALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AS REQUIRED.
 - REMOVE AND STOCKPILE TOPSOIL. STOCKPILE SHALL BE SEED TO PREVENT EROSION.
 - CONSTRUCT CLOSED DRAINAGE SYSTEM. PRECEPT CULVERT INLETS AND CATCH BASINS WITH SEDIMENTATION BARRIERS.
 - CONSTRUCT ROADWAYS AND PERFORM SITE GRADING, PLACING HAY BALES AND SILTATION FENCES AS REQUIRED TO CONTROL SOIL EROSION.
 - INSTALL UNDERGROUND UTILITIES.
 - BEGIN TEMPORARY AND PERMANENT SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEED OR MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION. NO AREA SHALL BE LEFT UNSTABILIZED FOR A TIME PERIOD OF MORE THAN 30 DAYS.
 - DAILY, OR AS REQUIRED, CONSTRUCT, INSPECT, AND IF NECESSARY, RECONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, SILT FENCES AND SEDIMENT TRAPS INCLUDING MULCHING AND SEEDING.
 - BEGIN EXCAVATION FOR AND CONSTRUCTION OF TOWERS AND PLATFORMS.
 - FINISH PAVING ALL ROADWAYS, DRIVES, AND PARKING AREAS.
 - COMPLETE PERMANENT SEEDING AND LANDSCAPING.
 - NO FLOW SHALL BE DIVERTED TO ANY WETLANDS UNTIL A HEALTHY STAND OF GRASS HAS BEEN ESTABLISHED IN REGARDED AREAS.
 - AFTER GRASS HAS BEEN FULLY GERMINATED IN ALL SEEDED AREAS, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

CONSTRUCTION SPECIFICATIONS - SILT FENCE

- THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES.
- THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 8 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
- WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH SHALL BE FASTENED SECURELY TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP, MID-SECTION AND BOTTOM.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED.
- FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG AND DRIVEN A MINIMUM OF 16 INCHES INTO THE GROUND. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD AND SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED TO PREVENT BUILD UP IN THE SILT FENCE DUE TO DEPOSITION OF SEDIMENT.

MAINTENANCE - SILT FENCE

- SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
- IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACHED APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

DESIGNED BY:	CFC
DRAWN BY:	DMD
CHK'D BY:	CFC

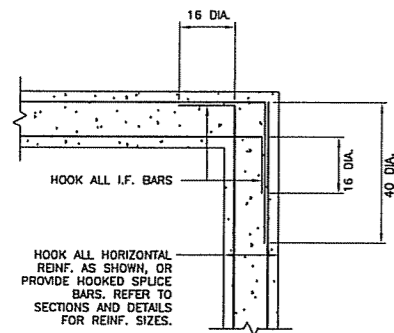
DATE	ISSUED FOR CT SITING COUNCIL	ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW	DESCRIPTION
08/23/10	CFC	CFC	
09/12/10	DMD	DMD	
			DRAWN BY
			CHK'D BY
			DATE

Cellco Partnership d/b/a Verizon Wireless
WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
SITE 2
81 JAMES ROAD
VOLUNTOWN, CT 06884

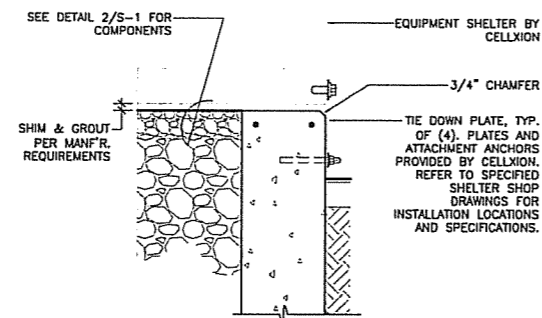
DATE: 10/22/09
SCALE: AS NOTED
JOB NO. 09097

SITE DETAILS AND NOTES

C-4
Sheet No. 5 of 7

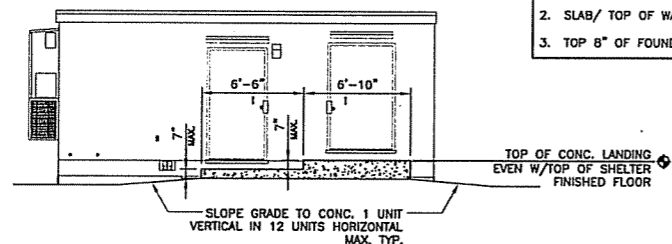


3 PLAN DETAIL
C-5 NOT TO SCALE

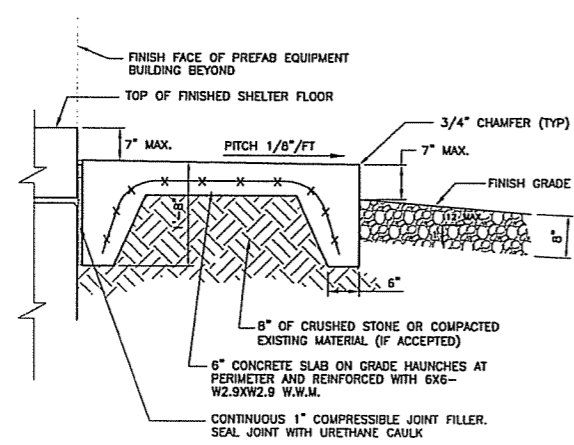


4 BUILDING TIE DOWN
C-5 SCALE: 1"=1'-0"

- NOTES:**
1. BEARING SHIMS, TIE-DOWN PLATES AND ASSOCIATED INSTALLATION ANCHORS PROVIDED BY CELLXION. CONTRACTOR SHALL VERIFY ALL SHIM & TIE-DOWN QUANTITIES AND LOCATIONS WITH CELLXION PRIOR TO PERFORMING FOUNDATION WORK.
 2. SLAB/ TOP OF WALL TOLERANCE IS 1/4"±
 3. TOP 8" OF FOUNDATION SIDES MUST BE FORMED FLAT TO ACCEPT TIE-DOWN PLATES.

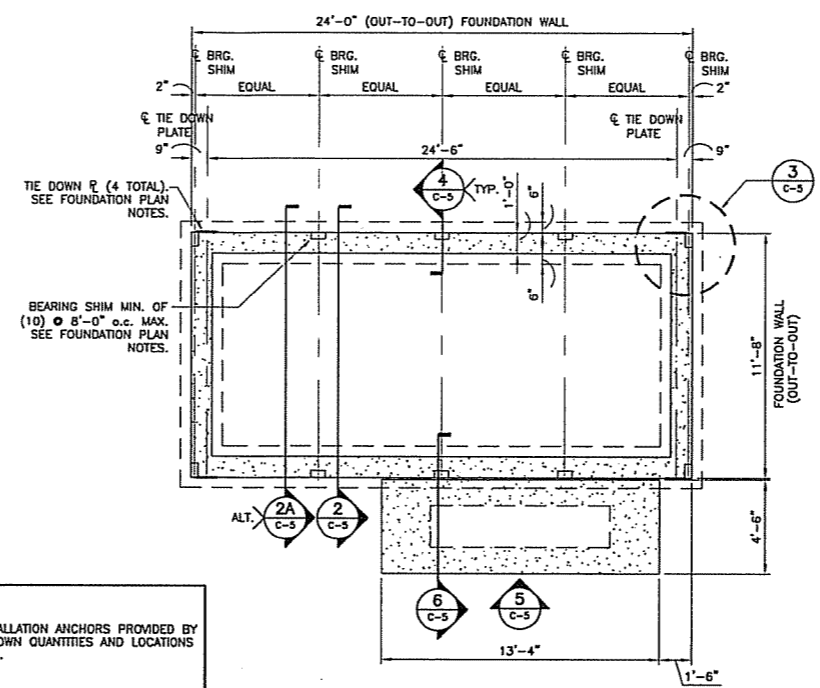


5 ENTRY STOOP DETAIL - ELEVATION
C-5 SCALE: 3/16"=1'-0"

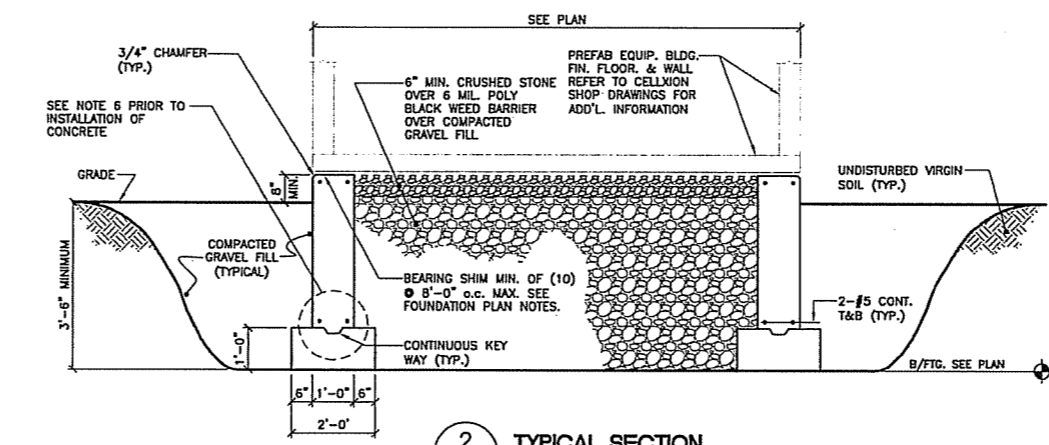


6 ENTRY STOOP DETAIL - SECTION
C-5 SCALE: 3/16"=1'-0"

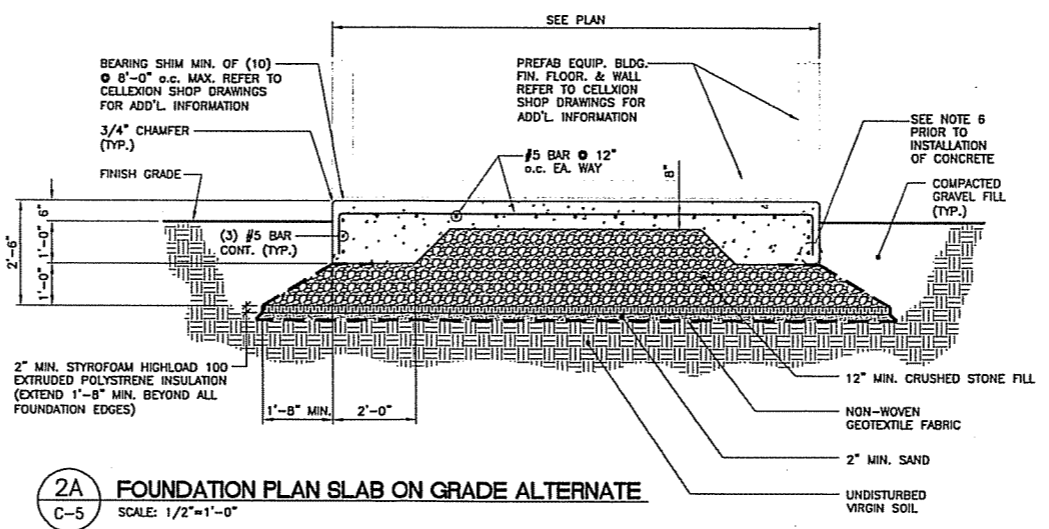
EQUIPMENT SHELTER BY CELLXION. VERIFY ALL SHELTER DIMENSIONS, EQUIPMENT DIMENSIONS, EQUIPMENT LOCATIONS AND UTILITY OPENINGS WITH BUILDING SHOP DRAWINGS PRIOR TO COMMENCEMENT OF WORK.



1 FOUNDATION PLAN
C-5 SCALE: 1/4"=1'-0" APPROXIMATE NORTH



2 TYPICAL SECTION
C-5 SCALE: 1/2"=1'-0"



2A FOUNDATION PLAN SLAB ON GRADE ALTERNATE
C-5 SCALE: 1/2"=1'-0"

FOUNDATION NOTES:

1. IF ANY FIELD CONDITIONS EXIST WHICH PRECLUDE COMPLIANCE WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL NOT PROCEED WITH ANY AFFECTED WORK.
2. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE PRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.
3. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES.
4. REFER TO DRAWING T1 FOR ADDITIONAL NOTES AND REQUIREMENTS.

SITE NOTES:

1. THE CONTRACTOR SHALL CALL UTILITIES PRIOR TO THE START OF CONSTRUCTION.
2. ACTIVE EXISTING UTILITIES, WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY, PRIOR TO PROCEEDING, SHOULD ANY UNCOVERED EXISTING UTILITY PRECLUDE COMPLETION OF THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. ALL RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED OFF SITE AND BE LEGALLY DISPOSED, AT NO ADDITIONAL COST.
4. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE EQUIPMENT AND TOWER AREAS.
5. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
6. THE SUBGRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
7. THE AREAS OF THE COMPOUND DISTURBED BY THE WORK SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.
8. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
9. IF ANY FIELD CONDITIONS EXIST WHICH PRECLUDE COMPLIANCE WITH THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SHALL PROCEED WITH AFFECTED WORK AFTER CONFLICT IS SATISFACTORILY RESOLVED.
10. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST THE PRE MANUFACTURED EQUIPMENT BUILDING SHOP DRAWINGS.
11. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES.

COMPACTED GRAVEL FILL:

1. COMPACTED GRAVEL FILL SHALL BE FURNISHED AND PLACED AS A FOUNDATION FOR STRUCTURES, WHERE SHOWN ON THE CONTRACT DRAWINGS OR DIRECTED BY THE ENGINEER.
2. GRAVEL SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE M.02.02 OF THE CONNECTICUT D.O.T. STANDARD SPECIFICATIONS. ADMIXTURES AND SURFACE PROTECTIVE MATERIALS USED TO PREVENT THE GRAVEL FROM FREEZING MUST MEET THE APPROVAL OF THE ENGINEER. THE LARGEST STONE SIZE SHALL BE 3-1/2 INCHES.
3. SAMPLES OF THE MATERIAL TO BE USED SHALL BE DELIVERED TO THE JOB SITE 5 DAYS PRIOR TO ITS INTENDED USE SO IT MAY BE TESTED FOR APPROVAL.
4. AFTER ALL EXCAVATION HAS BEEN COMPLETED, GRAVEL SHALL BE DEPOSITED IN LAYERS NOT EXCEEDING EIGHT (8) INCHES IN DEPTH OVER THE AREAS. IN EXCEPTIONAL CASES, THE ENGINEER MAY PERMIT THE FIRST LAYER TO BE THICKER THAN EIGHT (8) INCHES. EACH LAYER SHALL BE LEVELED OFF BY SUITABLE EQUIPMENT. THE ENTIRE AREA OF EACH LAYER SHALL BE COMPACTED BY USE OF APPROVED VIBRATORY, PNEUMATIC-TIRED OR TREAD-TYPE COMPACTION EQUIPMENT. COMPACTION SHALL BE CONTINUED UNTIL THE DRY DENSITY OVER THE ENTIRE AREA OF EACH LAYER IS NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY ACHIEVED BY ASTM T-99 METHOD C. THE MOISTURE CONTENT OF THE GRAVEL SHALL NOT VARY BY MORE THAN 3%+ FROM ITS OPTIMUM MOISTURE CONTENT. NO SUBSEQUENT LAYER SHALL BE DEPOSITED UNTIL THE SPECIFIED COMPACTION IS ACHIEVED FOR THE PREVIOUS LAYER. IF NECESSARY TO OBTAIN THE REQUIRED COMPACTION, WATER SHALL BE ADDED AND GENTLE PUDDLING PERFORMED IF AUTHORIZED. COMPACTED GRAVEL FILL SHALL BE PREVENTED FROM FREEZING BY USE OF APPROVED ADMIXTURES OR BY USE OF APPROVED PROTECTIVE MATERIALS ON THE SURFACE, OR BOTH.

CONCRETE AND REINFORCING STEEL NOTES:

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318.
2. ALL CONCRETE SHALL BE NORMAL WEIGHT, 6% AIR ENTRAINED WITH A MAXIMUM SLUMP OF 4", AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED BARS. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 WELDED STEEL WIRE FABRIC. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD UNLESS OTHERWISE INDICATED.
4. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS OTHERWISE NOTED ON THE DRAWINGS:

CONCRETE CAST AGAINST EARTH.....	3 IN.
CONCRETE EXPOSED TO EARTH OR WEATHER:	
#6 AND LARGER.....	2 IN.
#5 AND SMALLER & WWF.....	1 1/2 IN.
CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:	
SLAB AND WALL.....	3/4 IN.
BEAMS AND COLUMNS.....	1 1/2 IN.
5. ALL EXPOSED EDGES OF CONCRETE TO RECEIVE A 3/4" CHAMFER IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
6. CONCRETE EQUIPMENT PAD TO RECEIVE A BRUSHED FINISH.
7. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT DURING DRILLING WITHOUT PRIOR REVIEW BY THE ENGINEER.

DESIGNED BY: CFC
 DRAWN BY: DMD
 CHK'D BY: CFC

ISSUED FOR CT SITING COUNCIL - CLIENT REVIEW
 DMD CFC
 08/23/10
 08/12/10
 DMD CFC
 DRAWN BY CHK'D BY DESCRIPTION

STATE OF CONNECTICUT
 REGISTERED PROFESSIONAL ENGINEER
 No. 10994
 Carlos J. Falciano
 d.b.a. Verizon Wireless
 81 James Road
 Voluntown, CT 06384

Cellco Partnership d/b/a Verizon Wireless
 WIRELESS COMMUNICATIONS FACILITY
VOLUNTOWN
 SITE 2
 81 JAMES ROAD
 VOLUNTOWN, CT 06384

DATE: 10/22/09
 SCALE: AS NOTED
 JOB NO. 09087

SHELTER FOUND.
 PLAN, DETAILS
 AND NOTES

C-5
 Sheet No. 1 of 1

CERTIFICATION OF SERVICE

I hereby certify that on this 2nd day of September, 2010, copies of the Application and attachments were sent first class mail, postage prepaid, to the following:

STATE OFFICIALS:

The Honorable Richard Blumenthal
Attorney General
Office of the Attorney General
55 Elm Street
Hartford, CT 06106

Peter J. Boynton, Commissioner
Department of Emergency Management and Homeland Security
25 Sigourney Street, 6th Floor
Hartford, CT 06106-5042

Amey Marrella, Commissioner
Connecticut Department of Environmental Protection
79 Elm Street
Hartford, CT 06106

J. Robert Galvin, M.D., M.P.H., M.B.A., Commissioner
Department of Public Health and Addiction Services
410 Capitol Avenue
P.O. Box 340308, MS 13COM
Hartford, CT 06134-0308

Karl J. Wagener, Executive Director
Council on Environmental Quality
79 Elm Street
P.O. Box 5066
Hartford, CT 06106

Kevin M. DelGobbo, Chairman
Department of Public Utility Control
Ten Franklin Square
New Britain, CT 06051

Brenda L. Sisco, Acting Secretary
Office of Policy and Management
450 Capitol Avenue
Hartford, CT 06134-1441

Joan McDonald, Commissioner
Department of Economic and Community Development
505 Hudson Street
Hartford, CT 06106

Jeffrey A. Parker, Commissioner
Department of Transportation
P.O. Box 317546
2800 Berlin Turnpike
Newington, CT 06131-7546

David Bahlman, Division Director
Deputy State Historic Preservation Officer
Connecticut Commission on Culture & Tourism
Historic Preservation and Museum Division
One Constitution Plaza, 2nd Floor
Hartford, CT 06103

F. Phillip Prelli, Commissioner
Department of Agriculture
165 Capital Avenue
Hartford, CT 06106

Southeast Connecticut Council of Governments
5 Connecticut Avenue
Norwich, CT 06360

VOLUNTOWN TOWN OFFICIALS:

Ronald John Millovitsch
First Selectman
Town of Voluntown
115 Main Street
Voluntown, CT 06384

The Honorable Steven T. Mikutel
Representative – 45th District
152 Bethel Road
Griswold, CT 06351

The Honorable Andrew Maynard
Senator – 18th District
Legislative Office Building
Room 3000
Hartford, CT 06106-1591

Cheryl A. Sadowski
Town Clerk
Town of Voluntown
115 Main Street
Voluntown, CT 06384

Robert Hanson Millar, Chairman
Planning and Zoning Commission
Town of Voluntown
115 Main Street
Voluntown, CT 06384

Wendy K. Gauthier, Chairman
Zoning Board of Appeals
Town of Voluntown
115 Main Street
Voluntown, CT 06384

Peter Zvingilas
Zoning Enforcement Officer
Town of Voluntown
115 Main Street
Voluntown, CT 06384

Thomas M. Sweet, Chairman
Inland Wetlands Commission
Town of Voluntown
115 Main Street
Voluntown, CT 06384

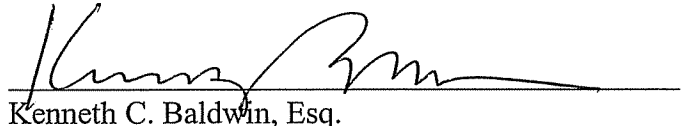
FEDERAL OFFICIALS:

The Honorable Christopher Dodd
United States Senator
448 Russell Senate Office Building
Washington, DC 20510

The Honorable Joseph Lieberman
United States Senator
706 Hart Senate Office Building
Washington, DC 20510

The Honorable Joseph Courtney
Congressman
2 Courthouse Square, 5th Floor
Norwich, CT 06360

Federal Communications Commission
445 12th Street SW
Washington, DC 20554

A handwritten signature in black ink, appearing to read 'Kenneth C. Baldwin', is written over a horizontal line.

Kenneth C. Baldwin, Esq.

Robinson & Cole LLP

280 Trumbull Street

Hartford, CT 06103

Telephone: (860) 275-8200

Attorneys for Cellco Partnership d/b/a Verizon Wireless

LEGAL NOTICE

Notice is hereby given, pursuant to Section 16-50l(b) of the Connecticut General Statutes and Regulations pertaining thereto, of an Application to be submitted to the Connecticut Siting Council ("Council") on or about September 2, 2010, by Cellco Partnership d/b/a Verizon Wireless ("Cellco" or the "Applicant"). The Application proposes the installation of a wireless telecommunications facility at one of two locations in the Town of Voluntown, Connecticut. The Site 1 location would consist of a 50' x 50' compound area within a 11.2 acre parcel at 422 Rockville Road. At this site, Cellco proposes to construct a 160-foot tower. Access to Site 1 will extend from Rockville Road. The Site 2 location would consist of a 50' x 50' compound area within a 9.5 acre parcel at 81 James Road. At this site, Cellco proposes to construct a 160-foot tower. Cellco will also install a new 12' x 24' shelter located near the base of the approved tower to house its radio equipment and an emergency generator. The location and other features of the proposed facility are subject to change under provisions of Connecticut General Statutes § 16-50g et. seq.

On the day of the Siting Council public hearing on this proposal, Cellco will fly a balloon at the height of each of the proposed towers described above. Interested parties and residents of the Town of Voluntown are invited to review the Application during normal business hours on or after September 3, 2010 at any of the following offices:

Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Cellco Partnership d/b/a Verizon Wireless
99 East River Drive
East Hartford, CT 06108

Town Clerk
Town of Voluntown
Town Hall
115 Main Street
Voluntown, CT 06384

or the offices of the undersigned. All inquiries should be addressed to the Connecticut Siting Council or to the undersigned.

CELLCO PARTNERSHIP d/b/a VERIZON
WIRELESS

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597
(860) 275-8200
Its Attorneys

LEGAL NOTICE

Notice is hereby given, pursuant to Section 16-501(b) of the Connecticut General Statutes and Regulations pertaining thereto, of an Application to be submitted to the Connecticut Siting Council ("Council") on or about September 2, 2010, by Cellco Partnership d/b/a Verizon Wireless ("Cellco" or the "Applicant"). The Application proposes the installation of a wireless telecommunications facility at one of two locations in the Town of Voluntown, Connecticut. The Site 1 location would consist of a 50' x 50' compound area within a 11.2 acre parcel at 422 Rockville Road. At this site, Cellco proposes to construct a 160-foot tower. Access to Site 1 will extend from Rockville Road. The Site 2 location would consist of a 50' x 50' compound area within a 9.5 acre parcel at 81 James Road. At this site, Cellco proposes to construct a 160-foot tower. Cellco will also install a new 12' x 24' shelter located near the base of the approved tower to house its radio equipment and an emergency generator. The location and other features of the proposed facility are subject to change under provisions of Connecticut General Statutes § 16-50g et. seq.

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Connecticut Siting Council
10 Franklin Square, New Britain, CT 06051

Cellco Partnership d/b/a Verizon Wireless
99 East River Drive, East Hartford, CT 06108

Town Clerk
Town of Voluntown
Town Hall
115 Main Street, Voluntown, CT 06384

or the offices of the undersigned. All inquiries should be addressed to the Connecticut Siting Council or to the undersigned.

CELLCO PARTNERSHIP d/b/a VERIZON
WIRELESS

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street, Hartford, CT 06103-3597
(860) 275-8200
Its Attorneys

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

August 30, 2010

Via Certified Mail Return Receipt Requested

«Name_and_Address»

**Re: Cellco Partnership d/b/a Verizon Wireless
Proposed Telecommunications Facility
Voluntown, Connecticut**

Dear «Salutation»:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) will be submitting an application to the Connecticut Siting Council (“Council”) on or about September 2, 2010, for approval of the construction of a telecommunications facility at one of two locations in the Town of Voluntown, Connecticut.

The Site 1 facility location would consist of a new 160-foot tower in the southwest portion of an 11.2 acre parcel at 422 Rockville Road in Voluntown. Cellco’s radio equipment and back-up generator would be installed inside a 12’ x 24’ shelter located at the base of the tower. Access to the Site 1 facility would extend directly from Rockville Road and would utilize a portion of the owner’s existing dirt and gravel driveway a distance of approximately 720 feet then over a 170-foot driveway extension.

The Site 2 facility location would consist of a new 160-foot tower in the easterly portion of a 9.5 acre parcel at 81 James Road. Cellco’s radio equipment and back-up generator would be installed inside a 12’ x 24’ shelter located at the base of the tower. Access to the Site 2 facility would extend directly from James Street and would utilize a portion of the owner’s existing driveway a distance of approximately 155 feet then over a 680-foot driveway extension.

A site plan for the Site 1 and Site 2 facilities is attached for your review. The location and other features of the proposed facilities are subject to change under the provisions of Connecticut General Statutes § 16-50g et seq.

August 30, 2010

Page 2

State law provides that owners of record of property which abuts a parcel on which a facility is proposed to be located must receive notice of the submission of this application. This notice is directed to you either because you may be an abutting land owner or as a courtesy notice.

If you have any questions concerning the application, please direct them to either the Connecticut Siting Council or me. My address and telephone number are listed above. The Siting Council may be reached at its New Britain, Connecticut office at (860) 827-2935.

Very truly yours,

A handwritten signature in black ink, appearing to read "Kenneth C. Baldwin", with a long horizontal flourish extending to the right.

Kenneth C. Baldwin

KCB/kmd
Attachment

Cellco Partnership

d.b.a. **verizon**wireless WIRELESS COMMUNICATIONS FACILITY

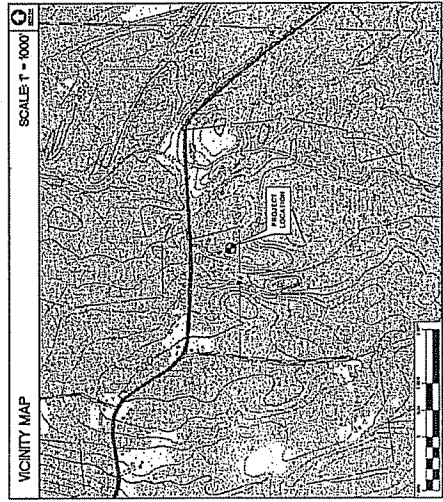
VOLUNTOWN SITE 1 422 ROCKVILLE ROAD VOLUNTOWN, CT, 06384

SITE DIRECTIONS	
FROM: 18 CITY CENTER DRIVE DARTMOUTH, CONNECTICUT 6.0 MI	TO: 422 ROCKVILLE ROAD VOLUNTOWN, CONNECTICUT
1. Start and go west on EAST BROAD STREET.	0.2 MI
2. Turn right onto EAST BROAD STREET and the road on the LEFT toward BOSTON.	0.2 MI
3. Turn right onto W/CONNECTICUT STREET DAVIS LANE TUNNEL. At EXIT 28N.	0.4 MI
4. Turn left onto W/CONNECTICUT STREET DAVIS LANE TUNNEL. At EXIT 28N.	0.4 MI
5. Turn right onto W/CONNECTICUT STREET DAVIS LANE TUNNEL. At EXIT 28N.	2.0 MI
6. Turn right onto W/CONNECTICUT STREET DAVIS LANE TUNNEL. At EXIT 28N.	0.8 MI

GENERAL NOTES

1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELLCO PARTNERSHIP.

SITE INFORMATION	
THE SCOPE OF WORK SHALL INCLUDE:	
1. THE CONSTRUCTION OF A 50' TOWER FORCED WIRELESS COMMUNICATIONS COMPANIO WITH A 10' DIAMETER LANTERNA.	
2. THE CONSTRUCTION OF A 50' TOWER FORCED WIRELESS COMMUNICATIONS COMPANIO WITH A 10' DIAMETER LANTERNA.	
3. TOTAL ACCESS BARRIERS SHALL BE 50% OFF OF ROCKVILLE ROAD, APPROXIMATELY 15' E OF THE PROPOSED SITE.	
4. PROPOSED 12' TOWER ACCESS DRIVE.	
5. THE PROPOSED WIRELESS COMMUNICATIONS FACILITY SHALL BE LOCATED AT THE PROPOSED SITE.	
6. THE PROPOSED WIRELESS COMMUNICATIONS FACILITY SHALL BE LOCATED AT THE PROPOSED SITE.	
7. THE PROPOSED WIRELESS COMMUNICATIONS FACILITY SHALL BE LOCATED AT THE PROPOSED SITE.	
8. THE PROPOSED WIRELESS COMMUNICATIONS FACILITY SHALL BE LOCATED AT THE PROPOSED SITE.	



PROJECT SUMMARY	
SITE NAME: VOLUNTOWN - SITE 1	
SITE ADDRESS: 422 ROCKVILLE ROAD VOLUNTOWN, CT 06384	
PROPERTY OWNER: CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS COMMUNICATIONS FACILITY	
LESSOR/TENANT: CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS COMMUNICATIONS FACILITY	
CONTACT PERSON: SAUNDY CARRI (860) 433-4319	
DRAWN BY: CELCO ENGINEERING 65-7 NORTH GARDEN ROAD (860) 433-6200	
TOWER COORDINATES: LATITUDE 41°-33'-21.817" LONGITUDE 71°-48'-28.818" UTM ZONE 18Q UTM EASTING 650000 UTM NORTHING 4500000	
CONSTRUCTION AND SERVICE BEGINNING BASED ON FAA DC SERVICE CONSTRUCTION PERMITTED BY AIRSPACE CONTROL AND ASSASSINUS DATED JANUARY 25, 2010	

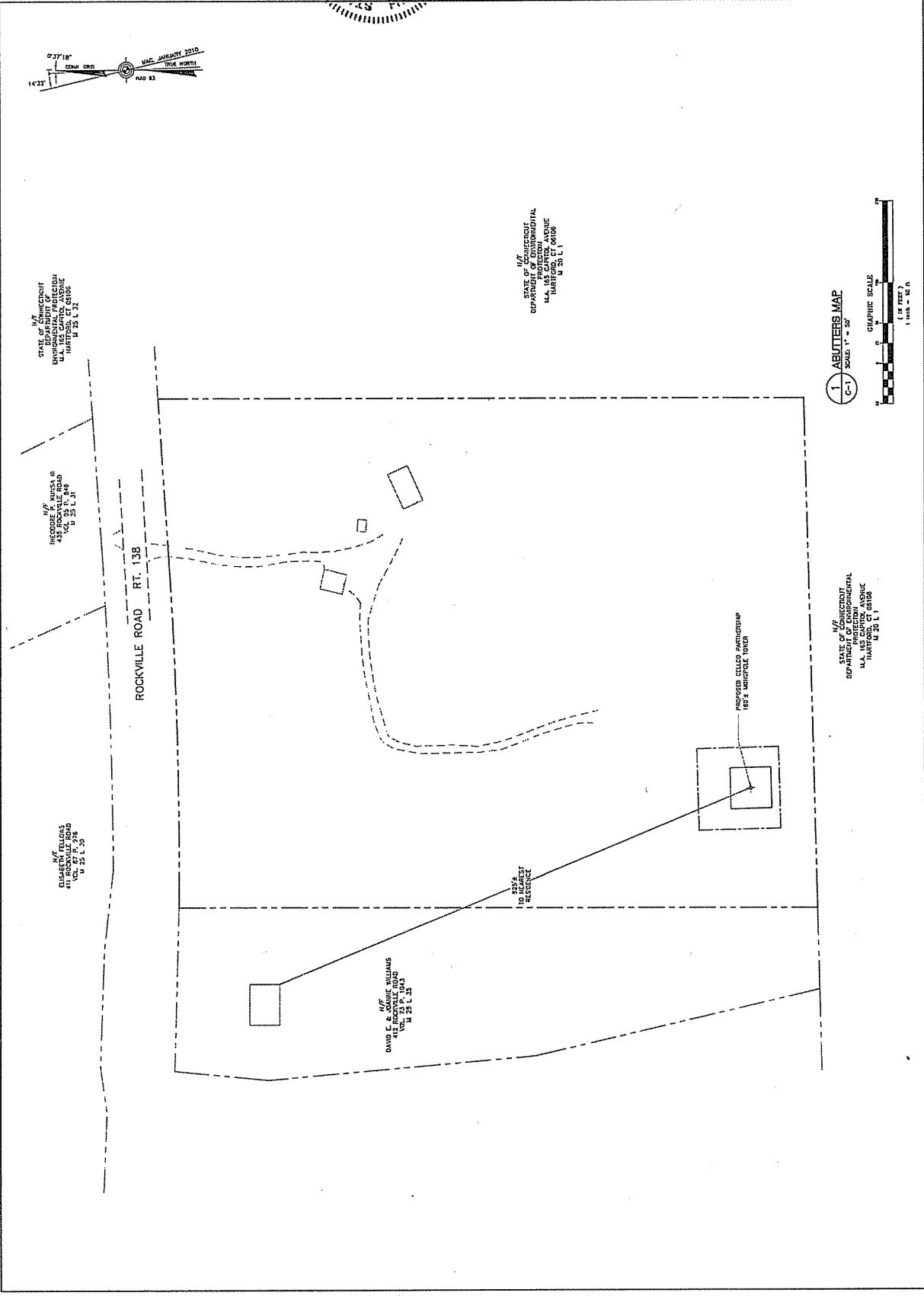
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1-8	0
1-9	0
1-10	0

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CELLCO PARTNERSHIP d/b/a Verizon Wireless
422 ROCKVILLE ROAD
VOLUNTOWN, CT 06384
SITE 1

TITLE SHEET
T-1

Celco Partnership d/b/a Verizon Wireless 422 ROCKVILLE ROAD VOLUNTTOWN, CT 06334 BITE 1 VOLUNTTOWN WIRELESS COMMUNICATION FACILITY		Date: 10/21/08 Scale: AS NOTED Drawn by: [blank] Checked by: [blank]
CENTER 1200 Main Street Wallingford, CT 06495		D.L.M. VERTZON Chief of Police WALLINGFORD POLICE DEPARTMENT WALLINGFORD, CT 06495
SHEET NO. 2 OF 2 1-0	ABUTTERS MAP SCALE: AS NOTED DATE: 10/21/08	



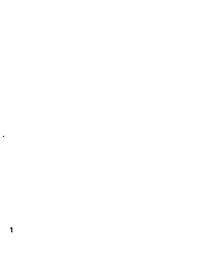
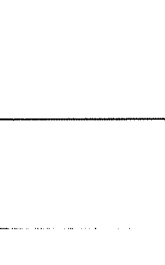
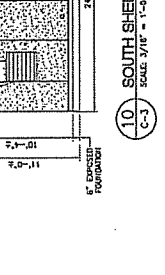
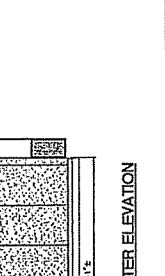
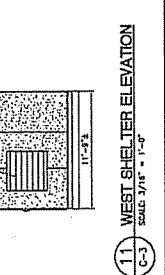
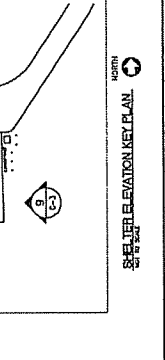
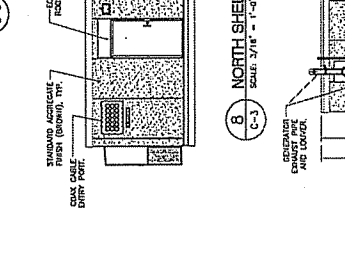
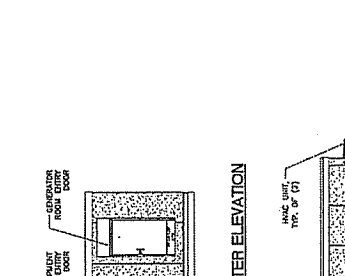
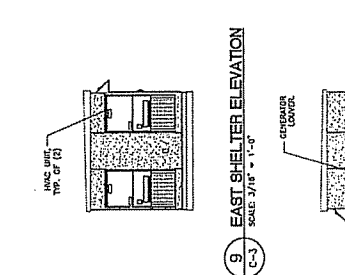
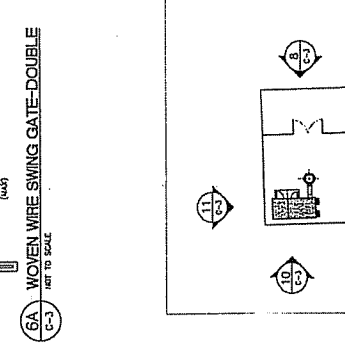
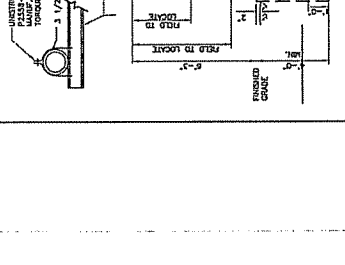
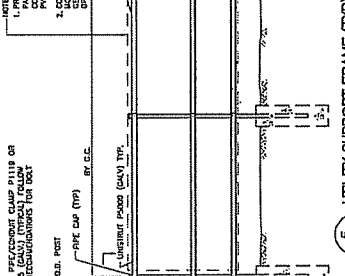
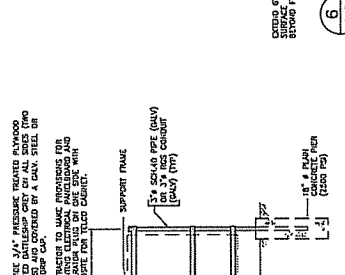
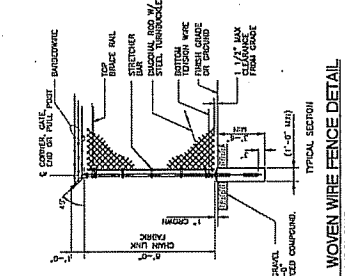
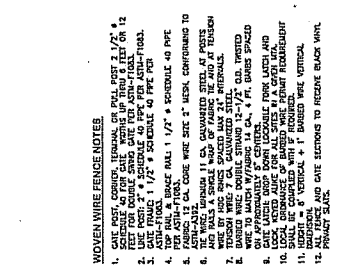
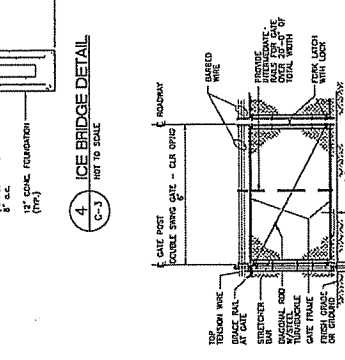
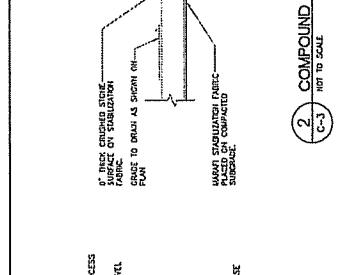
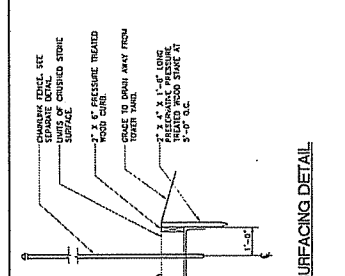
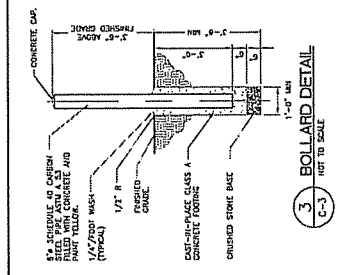
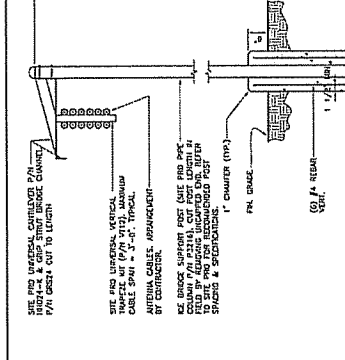
STATE OF CONNECTICUT
 DEPARTMENT OF CONSUMER PROTECTION
 110 STATE STREET
 HARTFORD, CT 06106
 M 20 L 1

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 HARTFORD, CT 06106
 M 20 L 1

NO.	DATE	DESCRIPTION
1	10/21/09	ISSUED FOR PERMITS
2	10/21/09	ISSUED FOR PERMITS
3	10/21/09	ISSUED FOR PERMITS
4	10/21/09	ISSUED FOR PERMITS
5	10/21/09	ISSUED FOR PERMITS
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8	10/21/09	ISSUED FOR PERMITS
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10	10/21/09	ISSUED FOR PERMITS



EROSION CONTROL

GENERAL CONSTRUCTION SEQUENCE

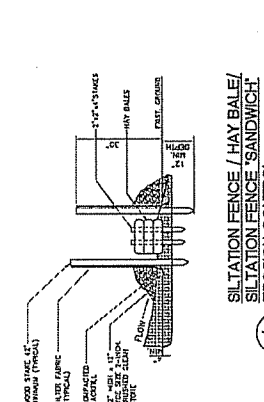
- 1) CUT AND STUMP AREAS OF PROPOSED CONSTRUCTION.
- 2) INSTALL TEMPORARY EROSION AND DRIVIN CONTROL.
- 3) EXPOSE AND STABILIZE EXISTING EROSION CONTROL STRUCTURES TO PREVENT EROSION.
- 4) CONTRACT CLOSED DRAINAGE SYSTEMS, PREVENT CUMULATIVE EFFECTS AND OTHER ISSUES WITH ADJACENT AREAS.
- 5) CONSTRUCT EROSION CONTROL STRUCTURES AS REQUIRED TO CONTROL SOIL EROSION.
- 6) INSTALL UNDERDRAIN UNITS.
- 7) ALL CUT AND STUMP AREAS SHALL BE STABILIZED WITH VEGETATION OR OTHER EROSION CONTROL MEASURES TO PREVENT EROSION. VEGETATION SHALL BE PLANTED AT A DENSITY OF 10 PLANTS PER 100 SQ. FT. OF EXPOSED SOIL. VEGETATION SHALL BE PLANTED WITHIN 30 DAYS OF EXPOSURE.
- 8) SOILS OR AS REQUIRED, CONTRACT EROSION CONTROL MEASURES SHALL BE INSTALLED TO PREVENT EROSION. VEGETATION SHALL BE PLANTED AT A DENSITY OF 10 PLANTS PER 100 SQ. FT. OF EXPOSED SOIL. VEGETATION SHALL BE PLANTED WITHIN 30 DAYS OF EXPOSURE.
- 9) SOILS OR AS REQUIRED, CONTRACT EROSION CONTROL MEASURES SHALL BE INSTALLED TO PREVENT EROSION. VEGETATION SHALL BE PLANTED AT A DENSITY OF 10 PLANTS PER 100 SQ. FT. OF EXPOSED SOIL. VEGETATION SHALL BE PLANTED WITHIN 30 DAYS OF EXPOSURE.
- 10) FRESH PAVING ALL DRIVEWAYS, WALKS, AND PARKING AREAS.
- 11) COMPLETE PERMANENT STORM AND LANDSCAPING.
- 12) ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE PROJECT. A MAINTENANCE PLAN SHALL BE SUBMITTED WITH THE RECORD DRAWINGS.
- 13) ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE PROJECT. A MAINTENANCE PLAN SHALL BE SUBMITTED WITH THE RECORD DRAWINGS.

CONSTRUCTION SPECIFICATIONS - SILT FENCE

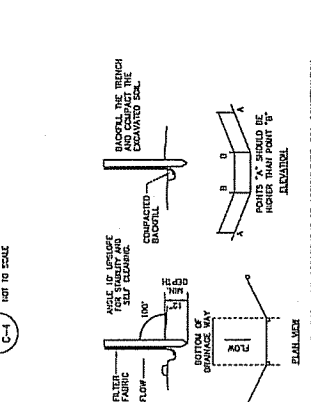
- 1) THE EROSION FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES.
- 2) THE FABRIC SHALL BE UNBLENDED A MINIMUM OF 8 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE DAMAGED PANEL.
- 3) WHEN THE TIES FOR STAPLES.
- 4) PANELS SHALL BE FASTENED SECURELY TO THE WORKING WEST AND EAST.
- 5) WHEN TWO SECTIONS OF FABRIC MEET, EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FENCED, AND STAPLED.
- 6) FABRIC PANELS SHALL BE A MINIMUM OF 25 FEET LONG AND 4 FEET HIGH. FABRIC PANELS SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 100 SQ. FT. PER LINEAL FOOT.
- 7) MAINTENANCE SHALL BE PERFORMED AS NEEDED TO PREVENT BREACH UP IN THE SILT FENCE DUE TO DEFORMATION OF MATERIAL.

MAINTENANCE - SILT FENCE

- 1) ALL SILT FENCES SHALL BE MAINTAINED THROUGHOUT THE PROJECT.
- 2) ALL SILT FENCES SHALL BE MAINTAINED THROUGHOUT THE PROJECT.
- 3) ALL SILT FENCES SHALL BE MAINTAINED THROUGHOUT THE PROJECT.
- 4) ALL SILT FENCES SHALL BE MAINTAINED THROUGHOUT THE PROJECT.
- 5) ALL SILT FENCES SHALL BE MAINTAINED THROUGHOUT THE PROJECT.



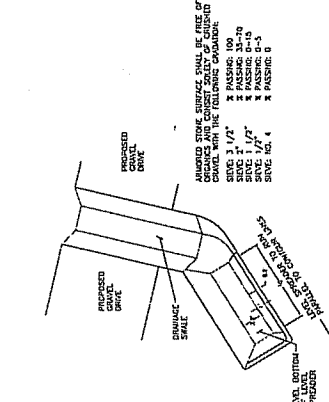
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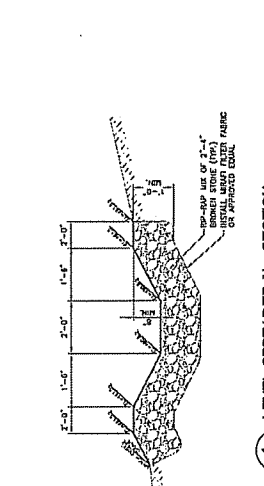
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PLACEMENT AND CONSTRUCTION

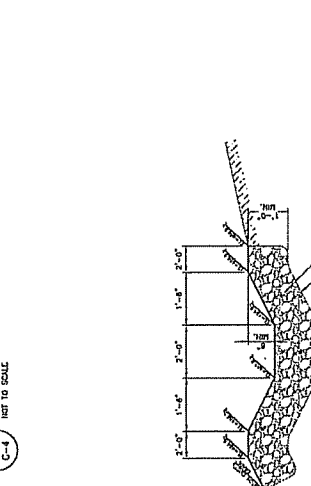
5. SILTATION FENCE
NOT TO SCALE



5. SILTATION FENCE
NOT TO SCALE



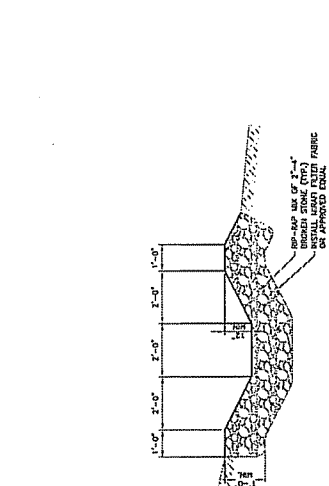
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NOT TO SCALE



3. TYPICAL LEVEL SPREADER SECTION
NOT TO SCALE

6. TYPICAL LEVEL SPREADER PLAN

5. SILTATION FENCE
NOT TO SCALE



6. TYPICAL LEVEL SPREADER PLAN
NOT TO SCALE



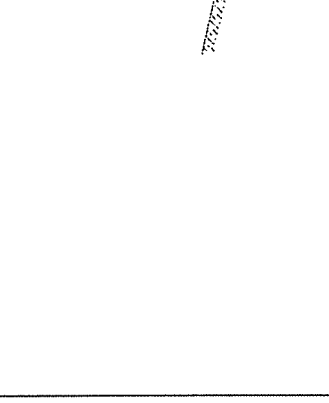
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NOT TO SCALE



2. LEVEL SPREADER #2 - SECTION
NOT TO SCALE

PLACEMENT AND CONSTRUCTION

5. SILTATION FENCE
NOT TO SCALE



5. SILTATION FENCE
NOT TO SCALE



4. SILTATION FENCE / HAY BALE / EROSION CONTROL
NOT TO SCALE



3. TYPICAL LEVEL SPREADER SECTION
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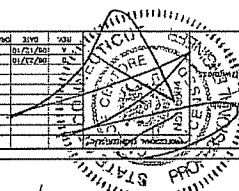
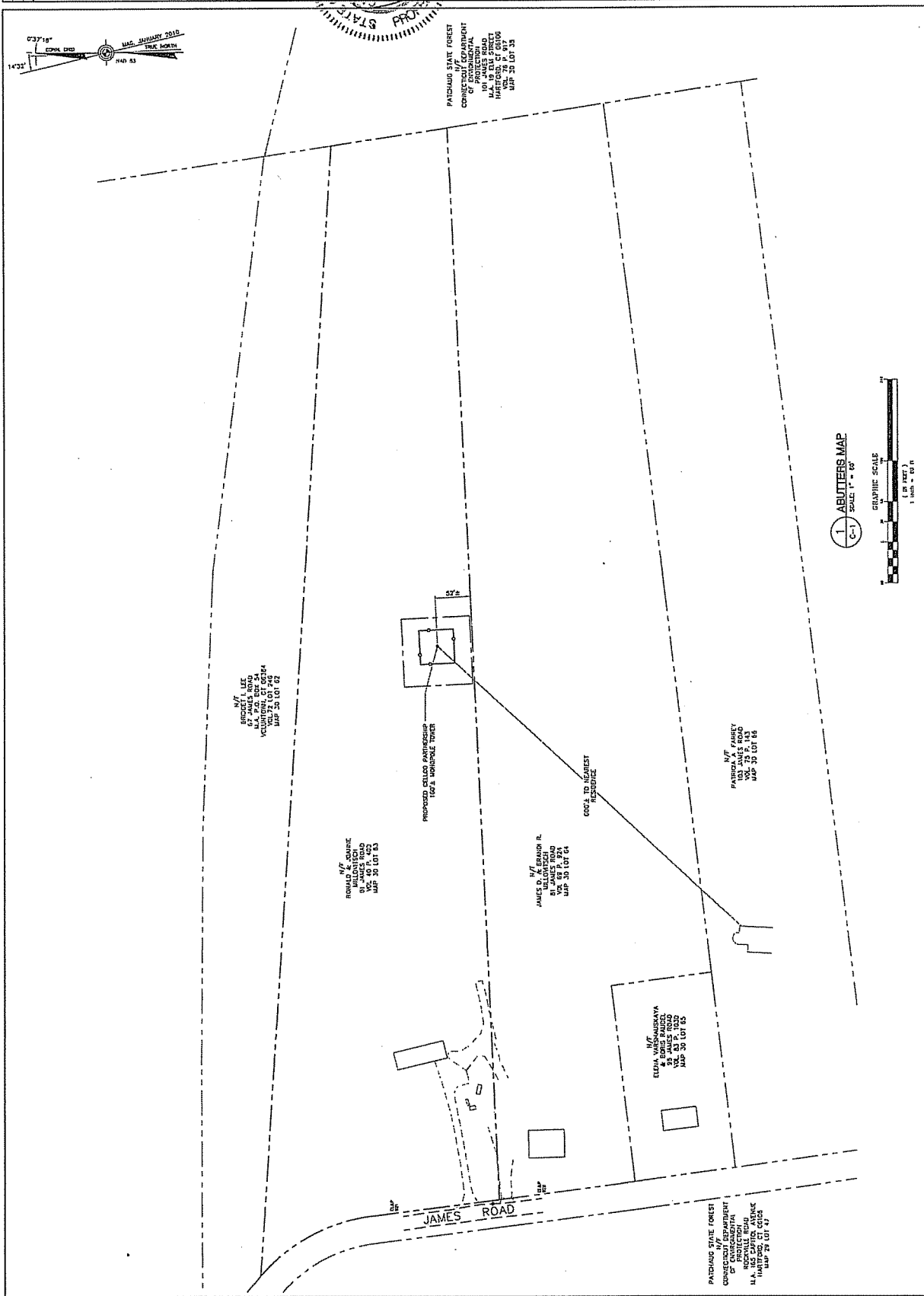
PLACEMENT AND CONSTRUCTION

5. SILTATION FENCE
NOT TO SCALE



5. SILTATION FENCE
NOT TO SCALE

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DATE: 10/27/04		
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DATE: 10/27/03
SCALE: AS NOTED
JOB NO. 03037

PROJECT: 811 E 2
VOLUNTOWN, CT 06384

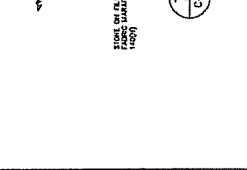
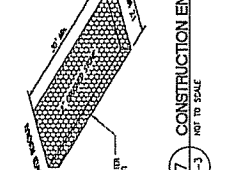
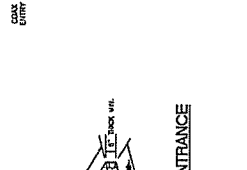
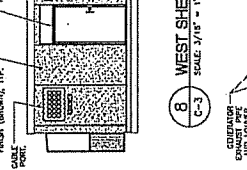
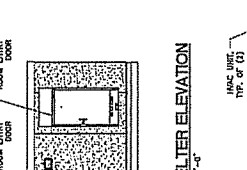
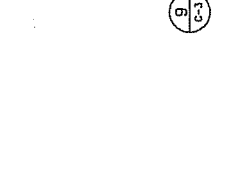
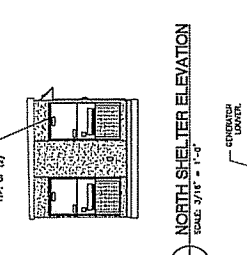
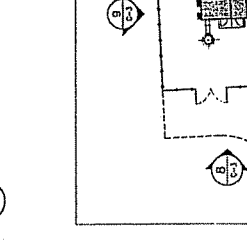
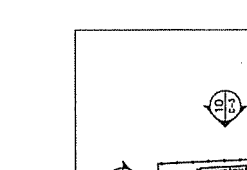
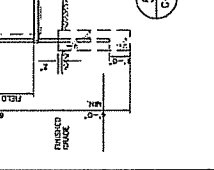
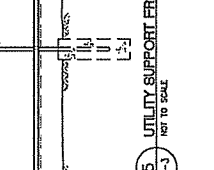
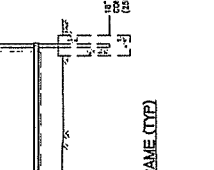
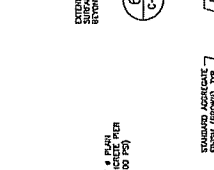
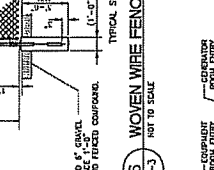
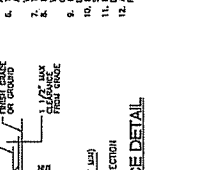
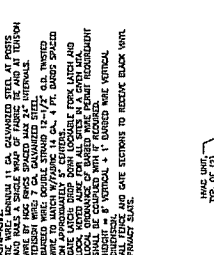
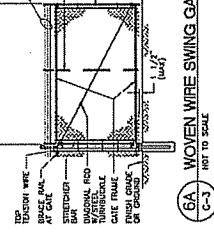
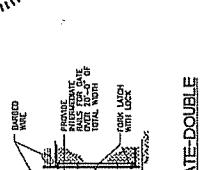
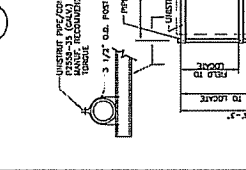
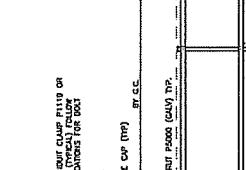
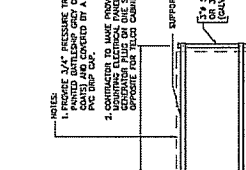
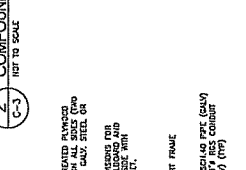
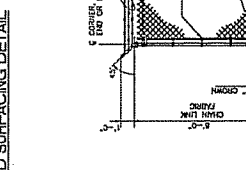
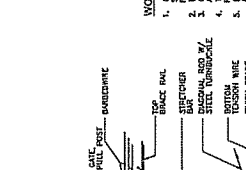
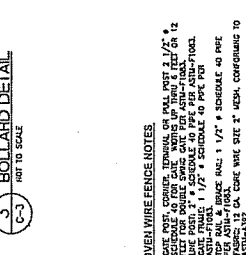
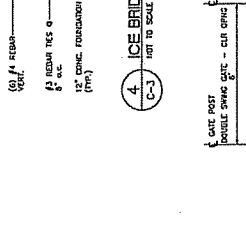
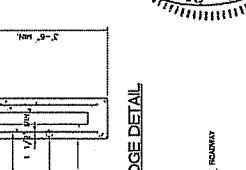
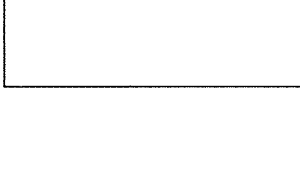
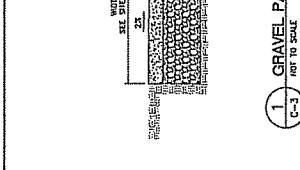
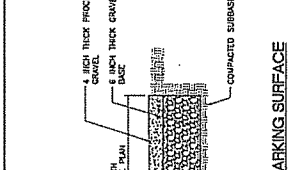
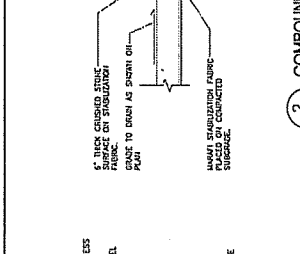
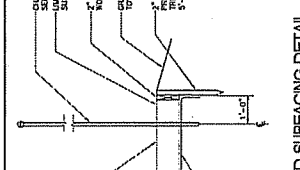
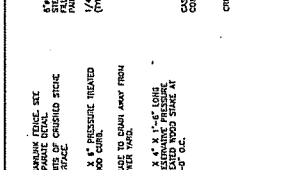
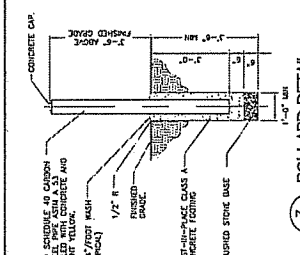
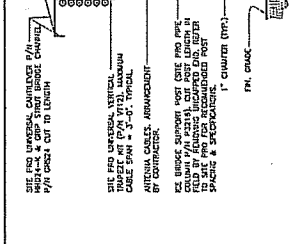
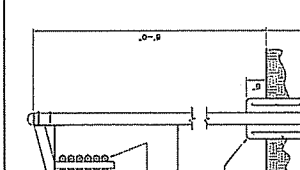
Client: Celco Partnership d/b/a Vertzon Wireless
Address: 81 James Road
City: Voluntown, CT 06384

NO.	DATE	DESCRIPTION
1	10/27/03	ISSUED FOR PERMITS
2	11/11/03	REVISIONS
3	11/11/03	REVISIONS
4	11/11/03	REVISIONS
5	11/11/03	REVISIONS
6	11/11/03	REVISIONS
7	11/11/03	REVISIONS
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99	11/11/03	REVISIONS
100	11/11/03	REVISIONS

Site: 811 E 2
Voluntown, CT 06384

Scale: 3/16" = 1'-0"
Job No. 03037

Sheet No. 1 of 1

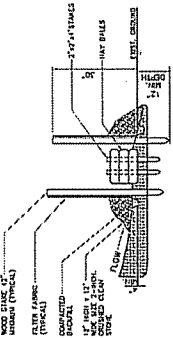


EROSION CONTROL

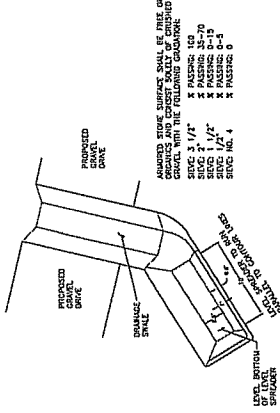
- GENERAL CONSTRUCTION SEQUENCE**
- 1) PERFORM ALL GENERAL CONSTRUCTION SEQUENCE BEFORE THE TIME OF WHICH THIS SHALL APPLY TO PARTICULAR AREAS.
 - 2) EROSION CONTROL SHALL BE INSTALLED IN ALL EXPOSED AREAS AND SHARP AREAS OF PROPOSED CONSTRUCTION.
 - 3) PERMANENT EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.
 - 4) TEMPORARY EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.
 - 5) EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.
 - 6) EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.
 - 7) EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.
 - 8) EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.
 - 9) EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.
 - 10) EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.
 - 11) EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.
 - 12) EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.
 - 13) EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY AS REQUIRED.

- CONSTRUCTION SPECIFICATIONS - SILT FENCE**
- 1) THE SILT FENCE SHALL MEET THE DESIGN CRITERIA FOR SIX FEET FENCES.
 - 2) THE SILT FENCE SHALL BE INSTALLED IN A MANNER TO BE SECURED AND THE SOIL COMPACTED OVER THE UNBARRICADED FABRIC.
 - 3) WOOD TYPE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIE OR STAPLES.
 - 4) FENCE POSTS SHALL BE SPACED AT 10' ON CENTER.
 - 5) WITH TWO SECTIONS OF FENCE ADJACENT EACH OTHER, THEY SHALL BE INSTALLED IN A MANNER TO BE SECURED AND THE SOIL COMPACTED OVER THE UNBARRICADED FABRIC.
 - 6) FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES DIAMETER AND BE MADE OF 4" X 4" WOOD OR EQUIVALENT. WOOD POSTS SHALL BE SET IN A MINIMUM OF 36 INCHES OF UNDISTURBED SOIL.
 - 7) MAINTENANCE SHALL BE PERFORMED AS NEEDED TO PREVENT BUILD UP IN THE SET FENCE DUE TO DEPOSITION OF SEDIMENT.

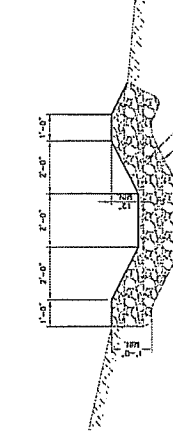
- MAINTENANCE - SILT FENCE**
- 1) SILT FENCE SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AS NECESSARY, REPAIRS SHALL BE MADE IMMEDIATELY.
 - 2) IF THE FENCE ON A SET FENCE SHOULD OCCUR OR BECOME INADEQUATE DURING THE COURSE OF THE PROJECT, THE FABRIC SHALL BE REPAIRED IMMEDIATELY.
 - 3) SEDIMENT SHOULD BE REMOVED AFTER EVERY STORM EVENT. THE DEPOSITION SHOULD BE REMOVED WHEN IT REACHES ONE-HALF THE HEIGHT OF THE BARRIER.
 - 4) SEDIMENT DEPOSITIONS THAT ARE REMOVED ON LEFT IN PLACE AFTER THE STORM EVENT SHALL BE REVEGETATED IMMEDIATELY TO COMPARE WITH THE EXISTING TERRAIN AND VEGETATION.



1. TYPICAL LEVEL SPREADER SECTION
NOT TO SCALE

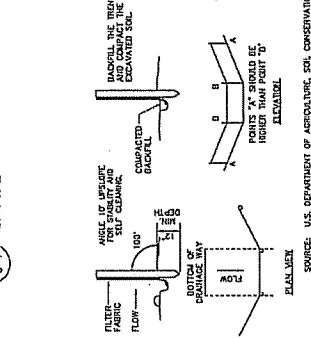


2. TYPICAL LEVEL SPREADER PLAN
NOT TO SCALE



3. CROSS DRAINAGE SWALE DETAIL
NOT TO SCALE

SILTATION FENCE / HAY BALE / SILTATION FENCE SANDWICH EROSION CONTROL



4. SILTATION FENCE / HAY BALE / SILTATION FENCE SANDWICH EROSION CONTROL
NOT TO SCALE

SILTATION FENCE



5. SILTATION FENCE
NOT TO SCALE

ADJACENT PROPERTY OWNERS

SITE NAME: VOLUNTOWN – SITE 1

OWNER NAME: CHERYL A. MARCINKO

OWNER ADDRESS: 422 ROCKVILLE ROAD, VOLUNTOWN, CONNECTICUT 06384

ASSESSOR'S REFERENCE: MAP: 25 LOT: 34

THE FOLLOWING INFORMATION WAS COLLECTED FROM THE TAX ASSESSOR'S RECORDS AND LAND RECORDS OF VOLUNTOWN TOWN HALL, VOLUNTOWN, CONNECTICUT. THE INFORMATION IS CURRENT AS OF AUGUST 23, 2010.

THE PARCEL IS ZONED RURAL DISTRICT – RD.

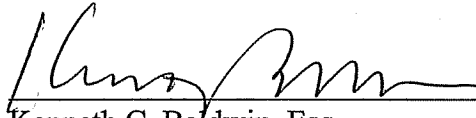
	<u>Map/Lot</u>	<u>Property Owner and Mailing Address</u>	<u>Property Address</u>
1.	25/35	David E. and Joanne Williams 412 Rockville Road Voluntown, CT 06384	412 Rockville Road
2.	25/30	Elisabeth Fellows 411 Rockville Road Voluntown, CT 06384	411 Rockville Road
3.	25/31	Theodore P. Kunsu III 435 Rockville Road Voluntown, CT 06384	435 Rockville Road
4.	25/32	State of CT DEP 165 Elm Street Hartford, CT 06106	Rockville Road
5.	20/1	State of CT DEP 165 Elm Street Hartford, CT 06106	Rockville Road

CERTIFICATION OF SERVICE

I hereby certify that a copy of the foregoing letter was sent by certified mail, return receipt requested, to each of the parties on the attached lists of abutting landowners.

August 30, 2010

Date



Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103

Attorneys for CELLCO PARTNERSHIP d/b/a
VERIZON WIRELESS

ADJACENT PROPERTY OWNERS

SITE NAME: VOLUNTOWN – SITE 2

OWNER NAME: RONALD AND JOANNE MILLOVITSCH

OWNER ADDRESS: 81 JAMES ROAD, VOLUNTOWN, CONNECTICUT 06384

ASSESSOR'S REFERENCE: MAP: 30 LOT: 63

THE FOLLOWING INFORMATION WAS COLLECTED FROM THE TAX ASSESSOR'S RECORDS AND LAND RECORDS OF VOLUNTOWN TOWN HALL, VOLUNTOWN, CONNECTICUT. THE INFORMATION IS CURRENT AS OF AUGUST 23, 2010.

THE PARCEL IS ZONED RURAL DISTRICT – RD.

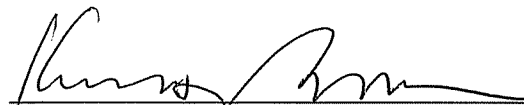
	<u>Map/Lot</u>	<u>Property Owner and Mailing Address</u>	<u>Property Address</u>
1.	29/47	State of CT DEP 165 Elm Street Hartford, CT 06106	James Road
2.	30/62	Bridget I. Lee P.O. Box 54 Voluntown, CT 06384	67 James Road
3.	30/64	James D. and Brandie R. Millovitsch 81 James Road Voluntown, CT 06384	87 James Road
4.	30/38	State of CT DEP 165 Elm Street Hartford, CT 06106	101 James Road

CERTIFICATION OF SERVICE

I hereby certify that a copy of the foregoing letter was sent by certified mail, return receipt requested, to each of the parties on the attached lists of abutting landowners.

August 30, 2010

Date



Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103

Attorneys for CELLCO PARTNERSHIP d/b/a
VERIZON WIRELESS

ULS License

Cellular License - KNKA745 - Cellco Partnership

PA This license has pending applications: 0003322914

Call Sign	KNKA745	Radio Service	CL - Cellular
Status	Active	Auth Type	Regular

Market

Market	CMA154 - New London-Norwich, CT	Channel Block	A
Submarket	0	Phase	2

Dates

Grant	02/05/2008	Expiration	01/22/2018
Effective	02/05/2008	Cancellation	

Five Year Buildout Date

06/21/1993

Control Points

1 20 West Dove Rd., TARRANT, Southlake, TX
P: (800)264-6620

Licensee

FRN	0003290673	Type	General Partnership
-----	------------	------	---------------------

Licensee

Cellco Partnership	P:(770)797-1070
1120 Sanctuary Pkwy, #150 GASA5REG	F:(770)797-1036
Alpharetta, GA 30004	E:Network.Regulatory@VerizonWireless.com
ATTN Regulatory	

Contact

Verizon Wireless	P:(770)797-1070
Sonya R Dutton	F:(770)797-1036
1120 Sanctuary Pkwy #150 GASA5REG	E:Network.Regulatory@VerizonWireless.com
Alpharetta, GA 30004	
ATTN Network Regulatory	

Ownership and Qualifications

Radio Service Type	Mobile		
Regulatory Status	Common Carrier	Interconnected	Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No
Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country?	No
Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or	Yes

voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country?

If the answer to the above question is 'Yes', has the applicant received a **Yes** ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application?

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Demographics

Race

Ethnicity

Gender

ULS License

PCS Broadband License - KNLH263 - Cellco Partnership

Call Sign	KNLH263	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular

Market

Market	BTA319 - New London-Norwich, CT	Channel Block	F
Submarket	0	Associated Frequencies (MHz)	001890.00000000-001895.00000000-001970.00000000-001975.00000000

Dates

Grant	07/23/2007	Expiration	06/27/2017
Effective	07/23/2007	Cancellation	

Buildout Deadlines

1st	06/27/2002	2nd	
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Notification Dates

1st	05/29/2002	2nd	
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Licensee

FRN	0003290673	Type	Joint Venture
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Licensee

Cellco Partnership 1120 Sanctuary Pkwy, #150 GASA5REG Alpharetta, GA 30004 ATTN Regulatory	P:(770)797-1070 F:(770)797-1036 E:Network.Regulatory@VerizonWireless.com
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Contact

Verizon Wireless Sonya R Dutton 1120 Sanctuary Pkwy, #150 GASA5REG Alpharetta, GA 30004 ATTN Regulatory	P:(770)797-1070 F:(770)797-1036 E:Network.Regulatory@VerizonWireless.com
---	--

Ownership and Qualifications

Radio Service Type	Mobile
Regulatory Status	Common Carrier Interconnected Yes

Alien Ownership

Is the applicant a foreign government or the representative of any foreign government?	No
Is the applicant an alien or the representative of an alien?	No
Is the applicant a corporation organized under the laws of any foreign government?	No

Is the applicant a corporation of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country? **No**

Is the applicant directly or indirectly controlled by any other corporation of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country? **Yes**

If the answer to the above question is 'Yes', has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application?

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits

This license did not have tribal land bidding credits.

Demographics

Race

Ethnicity

Gender

REFERENCE COPY

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
CELLCO PARTNERSHIP
1120 SANCTUARY PKWY #150 - GASAREG
ALPHARETTA, GA 30004

Call Sign WQJQ689	File Number 0003382444
Radio Service WU - 700 MHz Upper Band (Block C)	

FCC Registration Number (FRN): 0003290673

Grant Date 11-26-2008	Effective Date 11-26-2008	Expiration Date 02-17-2019	Print Date 12-03-2008
Market Number REA001	Channel Block 1	Sub-Market Designator 0	
Market Name Northeast			
1st Build-out Date 02-17-2013	2nd Build-out Date 02-17-2019	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

If the facilities authorized herein are used to provide broadcast operations, whether exclusively or in combination with other services, the licensee must seek renewal of the license either within eight years from the commencement of the broadcast service or within the term of the license had the broadcast service not been provided, whichever period is shorter in length. See 47 CFR §27.13(b).

This authorization is conditioned upon compliance with section 27.16 of the Commission's rules.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

To view the geographic areas associated with the license, go to the Universal Licensing System (ULS) homepage at <http://wireless.fcc.gov/uls> and select "License Search". Follow the instructions on how to search for license information.

REFERENCE COPY

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CELLCO PARTNERSHIP

ATTN: REGULATORY
 CELLCO PARTNERSHIP
 1120 SANCTUARY PKWY #150 - GASAREG
 ALPHARETTA, GA 30004

Call Sign WQJQ696	File Number 0003382435
Radio Service WY - 700 MHz Lower Band (Blocks A, B, E)	

FCC Registration Number (FRN): 0003290673

Grant Date 11-26-2008	Effective Date 11-26-2008	Expiration Date 02-17-2019	Print Date 12-03-2008
Market Number BEA010	Channel Block	Sub-Market Designator 0	
Market Name New York-New Jer-Long Isl			
1st Build-out Date 02-17-2013	2nd Build-out Date 02-17-2019	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

If the facilities authorized herein are used to provide broadcast operations, whether exclusively or in combination with other services, the licensee must seek renewal of the license either within eight years from the commencement of the broadcast service or within the term of the license had the broadcast service not been provided, whichever period is shorter in length. See 47 CFR §27.13(b).

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