



## Property information

Size of site: 56 acres; overlay zoning district(s)? Conservation Overlay District

**Property owner**

Telephone #: \_\_\_\_\_ Email: \_\_\_\_\_

**Applicant/developer** (if different from property owner)

Telephone #: 202.236.6833 Email: [christopher.davis@everestinfrastructure.com](mailto:christopher.davis@everestinfrastructure.com)

## Engineer/designer

Email address: jmoreno@proterra-design.com Professional license #: 12502

**Proposed activity** (check all that apply)

Addition(s) onto existing building(s): \_\_\_\_\_ Demolition: \_\_\_\_\_ Change of use: ☒

150' monopole, antennas, radio communications equipment and associated fenced compound.

## Utility information

City sewer? yes \_\_\_ no x; How far is City sewer from the site? \_\_\_\_\_

If City water, is it proposed for anything other than domestic purposes?      yes \_\_\_\_ no x

**Where will stormwater be discharged?** Change in stormwater will be de minimis and handled on-site

## Building information

Building height: Tower = 150 feet      Finished floor elevation: N/A

## Other information

Number of cubic yards of earth being removed from the site.

Check any that are proposed: variance ☐; special exception ☒; conditional use ☐

Wetlands: Is any fill proposed? No; area to be filled: N/A; buffer impact? N/A

| Proposed <u>post-development</u> disposition of site (should total 100%) |                |                |
|--|----------------|----------------|
|  | Square footage | % overall site |
| Building footprint(s) – give for each building                           | N/A            | 0              |
| Parking and vehicle circulation  | 8,890          | 0.4            |
| Planted/landscaped areas (excluding drainage)                            | 947,022        | 38.8           |
| Natural/undisturbed areas (excluding wetlands)                           | 1,379,954      | 56.5           |
| Wetlands   | 99,492         | 4.0            |
| Other – drainage structures, outside storage, etc.                       | 6,567          | 0.3            |

Comments


Please feel free to add any comments, additional information, or requests for waivers here:


Waivers as requested on checklist and waiver from monumentation requirement as detailed in project narrative


Submission of application

This application must be signed by the property owner, applicant/developer (if different from property owner), and/or the agent.

I(we) hereby submit this Site Plan application to the City of Rochester Planning Board pursuant to the City of Rochester Site Plan Regulations and attest that to the best of my knowledge all of the information on this application form and in the accompanying application materials and documentation is true and accurate. As applicant/developer (if different from property owner)/as agent, I attest that I am duly authorized to act in this capacity.


Signature of property owner:   
Pursuant to Letter of Authorization  
Date: June 5, 2020

Signature of applicant/developer:   
Date: June 5, 2020

Signature of agent:   
Date: June 5, 2020

Authorization to enter subject property

I hereby authorize members of the Rochester Planning Board, Zoning Board of Adjustment, Conservation Commission, Planning Department, and other pertinent City departments, boards and agencies to enter my property for the purpose of evaluating this application including performing any appropriate inspections during the application phase, review phase, post-approval phase, construction phase, and occupancy phase. This authorization applies specifically to those particular individuals legitimately involved in evaluating, reviewing, or inspecting this specific application/project. It is understood that these individuals must use all reasonable care, courtesy, and diligence when entering the property.

Signature of property owner:   
Pursuant to Letter of Authorization  
Date: June 5, 2020

**Brian S. Grossman**  
Direct telephone: 508-416-2410  
Direct facsimile: 508-929-3120  
Email: [bgrossman@bowditch.com](mailto:bgrossman@bowditch.com)

June 5, 2020

Planning Board  
City of Rochester  
33 Wakefield Street  
Rochester, NH 03867

**Re:**    **Applicant:**        ***EIP Communications I, LLC***  
          **Property Owners:** ***Jason A. Scruton & Katherine L. Carroll***  
          **Property:**        ***133 Blackwater Road, Rochester, New Hampshire***  
                                  ***Parcel ID 257-24***  
  
          **Application:**    ***(1) Site Plan Review for Non-Residential; and***  
                                  ***(2) Any other relief required within the jurisdiction of the***  
                                  ***Planning Board (All relief is requested if and to the extent***  
                                  ***necessary, all rights reserved under the Federal***  
                                  ***Telecommunications Act of 1996 ("TCA") and otherwise).***

Dear Members of the Planning Board:

Pursuant to the applicable provisions of the City of Rochester Site Plan Regulations (the "Regulations"), the New Hampshire Revised Statutes and the Federal Telecommunications Act of 1996, EIP Communications I, LLC ("Everest" or "Applicant") hereby applies to the City of Rochester Planning Board (the "Board") for the above-captioned site plan review to construct, operate and maintain a Wireless Communication Facility (the "Facility") on the property located at 133 Blackwater Road, Rochester, New Hampshire (the "Property"). The Property is in the City's Agricultural District and the Conservation Overlay District. The Facility will address significant gaps in wireless communications network coverage for Everest's tenant Verizon Wireless.

**I.    BACKGROUND**

Everest builds, owns and operates the infrastructure that supports wireless telecommunications services and providers. Everest provides its customers, and the communities they serve, with creative, cost efficient solutions to the ever-growing demand for wireless ubiquity and bandwidth. Everest's founders, senior management and staff bring more than 50 years of wireless industry experience to the company, including leadership positions with wireless operators, tower companies, telecommunication infrastructure developers and the FCC. Everest's exceptional human resources are augmented with equity capital from



investors who share the long-term view of investing in responsible communications infrastructure.

Wireless telecommunications carriers are in the process of independently designing, constructing and upgrading wireless telecommunications networks to serve areas in and around the City of Rochester and throughout the State of New Hampshire. Such a network requires a grid of radio transmitting and receiving cell sites located at varying distances depending on the location of existing and proposed installations in relation to the surrounding topography. The radio transmitting and receiving facilities require a path from the facility to the user on the ground. This requires the antennas to be located in a location above the tree line where the signal is not obstructed or degraded by buildings or topographical features.

Once constructed, the proposed Facility will be unmanned and will involve only periodic maintenance visits. The only utilities required to operate the facility are electrical power as well as telephone service which are currently available at the property. The traffic generated by the facility will be one or two vehicle trips per month by maintenance and technical personnel to ensure the telecommunications site remains in good working order. These visits will not result in any material increase in traffic or disruption to patterns of access or egress that will cause congestion hazards or cause a substantial change in the established neighborhood character. The Applicant's maintenance personnel will make use of the existing access roads and parking at the Property. The proposed Facility will not obstruct existing rights-of-way or pedestrian access and will not change the daily conditions of access, egress, traffic, congestion hazard, or character of the neighborhood. The installation will not require the addition of any new parking or loading spaces.

The construction of the Applicant's Facility will enhance service coverage in the City of Rochester and surrounding communities. The enhancement of service coverage in the City of Rochester is desirable to the public convenience for personal use of wireless services and for community safety in times of public crisis and natural disaster. Wireless communications service also provides a convenience to residents and is an attractive feature and service to businesses. In addition, the requested use at this location will not result in a change in the appearance of the surrounding neighborhoods. The use is passive in nature and will not generate any traffic, smoke, dust, heat, glare, discharge of noxious substances, nor will it pollute waterways or groundwater. Once constructed, the facility will comply with all applicable local, state and federal safety regulation.

Most importantly:

1. The proposed Facility will promote and conserve the convenience and general welfare of the inhabitants of the City of Rochester by enhancing telecommunications services within the City.

2. The proposed Facility will lessen the danger from fire and natural disasters by providing emergency communications in the event of such fires and natural disasters.
3. The proposed Facility will preserve and increase the amenities of the City by enhancing telecommunications services.
4. The proposed Facility will facilitate the adequate provision of transportation by improving mobile telecommunications for business, personal and emergency uses.

Wireless service is important to public safety and convenience. As of the end of 2017, there were an estimated 411 million wireless telephone users in the United States. See FCC's *First Communications Marketplace Report*, p. 6 (December 26, 2018). There are now more wireless subscriptions than landline telephone subscriptions in the United States, and the number of landline telephone subscribers across the nation is declining each year while the number of wireless users increases. Moreover, it is forecasted that wireless connections will become more significant as network service providers facilitate increase connectivity directly between devices, sensors, monitors, etc., and their networks. *Id.* at p. 9.

For many Americans, wireless devices have become an indispensable replacement for traditional landline telephones. Even when Americans maintain both types of telephone service, Americans are opting increasingly to use wireless devices over their landline telephones. For Americans living in "wireless-only" homes and for those others while away from their homes, cell phones are often their only lifeline in emergencies. More than one-half of American households (54.9%) are now "wireless only."<sup>1</sup> Even among households with both a landline and wireless telephones, approximately 42% of those households "received all or almost all calls on wireless telephones."<sup>2</sup> The FCC estimates that approximately 70% of the millions of 911 calls made daily are placed from cell phones, and that percentage is growing. See <http://www.fcc.gov/guides/wireless-911-services>.

## II. THE PROPOSED FACILITY

As depicted on the Plans submitted with this application, Everest proposes to construct a 150-foot monopole tower (with a 6-foot lightning rod extending to 156 feet). The proposed Facility will structurally accommodate at least three wireless communications carriers and their associated antennas, electronic equipment and cabling; and fence at the base of the tower will be sufficient to accommodate ground-based radio communications equipment. As shown on

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<sup>1</sup> <https://www.cdc.gov/nchs/data/nhis/earlyrelease/wireless201812.pdf>

<sup>2</sup> *Id.*



the Plans that accompany this Application, Verizon Wireless's panel antennas will be located at a height of 145 feet (antenna centerline) on the tower.

Verizon Wireless's radio communications equipment cabinets will be located on a 12-foot by 20-foot concrete equipment pad located within and surrounded by a 6-foot high chain link fence topped with barbed wire to prevent unauthorized access. An emergency backup generator and propane tank will be located within the compound. A power meter bank and telephone cabinet will also be installed within the fenced in compound. A pad-mounted transformer, protected by bollards, will be located just outside the fenced compound. Additional details for the proposed Facility are set forth below and in the enclosed plans.

Everest anticipates that in the future additional wireless communications providers may also co-locate wireless communications equipment at the Facility.

The Facility will be an unmanned, passive use, will not generate any appreciable noise, dust or odors and will not adversely affect existing developed and natural environments around the City of Rochester. The location of the Facility will mitigate adverse visual impacts. The Facility will enable users to access a state-of-the-art, fully digital system for voice communication, messaging, and data transmission and reception.

### **III. FEDERAL TELECOMMUNICATIONS ACT OF 1996**

Everest's application is governed by the provisions of the Federal Telecommunications Act of 1996, which the United States Supreme Court has explained as follows:

Congress enacted the Telecommunications Act of 1996 (TCA) ... to promote competition and higher quality in American telecommunications services and to "encourage the rapid deployment of new telecommunications technologies." ... One of the means by which it sought to accomplish these goals was reduction of the impediments imposed by local governments upon the installation of facilities for wireless communications, such as antenna towers. To this end, the TCA amended the Communications Act of 1934 ... to include § 332(c)(7), which imposes specific limitations on the traditional authority of state and local governments to regulate the location, construction, and modification of such facilities ... 47 U.S.C. § 332(c)(7). Under this provision, local governments may not "unreasonably discriminate among providers of functionally equivalent services," § 332(c)(7)(B)(i)(I), take actions that "prohibit or have the effect of prohibiting the provision of personal wireless services," § 332(c)(7)(B)(i)(II), or limit the placement of wireless facilities "on the basis of the environmental effects of radio frequency emissions," § 332(c)(7)(B)(iv). They must act on requests for authorization to locate wireless facilities "within a reasonable period of time," § 332(c)(7)(B)(ii), and each decision denying such a request must "be in writing and supported by substantial evidence contained in a written record," § 332(c)(7)(B)(iii).

*City of Rancho Palos Verdes, Cal. v. Abrams*, 544 U.S. 113, 115-116 (U.S. 2005) (internal citations omitted).

The TCA was intended to provide for a pro-competitive, deregulatory national policy framework designed to accelerate rapidly private sector deployment of advanced telecommunications and information technologies to all Americans. The proposed Facility will help bring advanced and improved telecommunications and information technologies to Rochester.

IV. **RELIEF REQUESTED**

The proposed Facility satisfies the requirements of Article III, Section 1 of the Regulations for approval of the Site Plan as follows (Ordinance in **bold**):

**Section 1. General Standards: Sections A - C.**

The proposed Facility has been designed to fulfill the purpose and intent goals of the City’s Regulations and the City of Rochester’s Master Plan and Capital Improvement Program to the extent feasible. The location of the proposed Facility is on a large (56+/- acre) currently unused lot in the Agricultural District and is surrounded by undeveloped land or residential lots and is appropriate for the proposed Facility. It is not a legally non-conforming site. As set forth in the Radio Frequency Report submitted herewith, the Property is uniquely situated to allow Verizon Wireless to address the significant gap in its wireless network coverage in the vicinity of the Property. The proposed Facility will not have any adverse effects on the environment, and will contribute to the general welfare, values and quality of life within the City, and will facilitate the provision of telecommunications services throughout the City. The proposed Facility will also enhance the ability of wireless carriers to provide telecommunications services to the community quickly, effectively and efficiently.

The location of the proposed Facility utilizes significant setbacks from adjacent property lines and Blackwater Road and takes advantage of the existing vegetation and dense tree growth on and near the Property to help minimize any adverse visual impacts. The Facility is generally surrounded by wooded and agricultural land and the required vegetative buffer. The Facility complies with the Regulations to the extent reasonably feasible and will reduce the number of new structures ultimately needed to provide wireless communication services in the surrounding area by providing opportunities for co-location.

**Section 2. Architecture: Sections A through J.**

Everest will comply with all lawful and applicable provisions of these provisions of the Regulations. This Section is generally inapplicable to the Facility as it is not a building



and these requirements are not applicable to the construction of a monopole tower. The Facility is not located in a Historic District. The Facility complies with the general purpose and intent of these provisions by utilizing significant setbacks from adjacent property lines and Blackwater Road and takes advantage of the existing vegetation and dense tree growth on and near the Property to help minimize any adverse visual impacts. The Facility is generally surrounded by wooded and agricultural land and the required vegetative buffer and is designed and positioned in such a way as to minimize any impact on scenic views, recreation areas and cultural resources. The Facility is will be galvanized gray in order to blend with the typical grey/blue color of the sky.

**Section 3. Construction Practices: Sections A – I.**

Everest will comply with all lawful and applicable regulations and provisions of the Regulations concerning construction practices. Proper construction fencing will be installed to the extent necessary. Everest will work with public safety to ensure proper fire access to the Site during construction.

**Section 4. Cultural Resources: Sections A – E.**

Everest will comply with all lawful and applicable regulations and provisions of the Regulations. This Facility will not affect any historic places, archaeological resources, cemeteries or stone walls. The location of the proposed Facility utilizes significant setbacks from adjacent property lines and Blackwater Road and takes advantage of the existing vegetation and dense tree growth on and near the Property to help minimize any adverse visual impacts. The Facility is generally surrounded by wooded and agricultural land and the required vegetative buffer and is designed and positioned in such a way as to minimize any impact on scenic views.

**Section 5. Landscaping: Sections A- G.**

Everest will comply with all lawful and applicable regulations and provisions of the Regulations. The Facility will comply with the intent of this provision. Further, the Board has the right to approve any application that departs from specific requirements of the section but meets the intent of the provision. The Facility will not generate any excessive noise, heat, smoke, glare, effluent, odor or pollution. The proposed Facility will not result in the overcrowding of land or over-concentration of population. Since the Facility is unmanned and passive in nature, it will not require or discharge water or sewerage, generate any trash or rubbish, nor overburden other municipal services. The Applicant has designed the Facility to minimize visual impact on the surrounding area and best protect the value of the surrounding property. The Facility takes advantage of existing vegetation and is set within an area of dense growth and is generally surrounded by wooded and agricultural land and the required vegetative buffer. There

will be no parking lot, as only one parking space is required to service the Facility because it is unmanned and passive in nature.

**Section 6. Lighting: Sections A – E.**

The Facility will comply with all lawful and applicable Regulations concerning lighting. The Facility is designed not to depress the quiet enjoyment of the neighboring residential properties nor hamper the citizens' ability to enjoy the nighttime sky or result in the unnecessary use of electric power.

The monopole will be a non-reflective galvanized steel color to minimize the visual impact of the Facility. The proposed Facility will not require FAA lighting or marking.

**Section 7. Miscellaneous Design Standards.**

**A. Erosion and Sedimentation Control**

There will be a de minimis increase in impervious surface by the Facility as designed and no impact on stormwater on or near the property and any extension to the existing access driveway and parking space will be gravel.

**B. Fences**

The Property is surrounded by wooded and agricultural land and the proposed Facility will be surrounded by dense tree growth and the required vegetative buffer. Due to the unique qualities of the Property and the inability of much of the Facility to be seen from the street, the Applicant is proposing chain link fence. If required as a condition of approval by the Board then the Applicant will agree to install colored vinyl slats.

**C. Monumentation**

Some monumentation currently exists at the Property. The Facility is merely a 75 ft x 75 ft area within a 56+/- acre parcel and the nearest property line is approximately 283 ft. from the Facility. The Facility is a postage stamp in size in comparison to the Property as a whole and it would be economically unfeasible and unduly burdensome to require the Applicant to install monumentation at the Facility and/or on the Property.

**D. Recreation and Open Space**

No residents are expected to visit or occupy the Facility and these provisions do not apply to the Facility as designed.

**E. Screening and Buffering: Sections 1-3.**

The Facility will comply with all lawful and applicable regulations and provisions of these Regulations. The Facility complies with the applicable buffering and screening requirements and provides more than the required minimum 75-foot vegetative buffer. Further, the Board is authorized to approve any application that departs from specific requirements of the section but meets the intent of the provision. The Facility will not generate any excessive noise, heat, smoke, glare, effluent, odor or pollution. The Facility takes advantage of existing vegetation and is set within dense growth as the Facility site is generally surrounded by wooded and agricultural land and the required vegetative buffer.

As shown on the Compound Plan provided herewith the Facility will include a transformer, radio communications equipment, electrical meters, and telephone cabinet. These utility items are designed to be inside of the required buffer for Wireless Communications Facilities, will be screened from the rest of the site and will not be seen from outside the Property.

**F. Signage**

There will be no signage on the tower. Signage shall be limited to that necessary or required by the Federal Communication Commission regulations.

**Section 8. Natural Resources: Sections A - D.**

The Facility will comply with all lawful and applicable Regulations. The proposed Facility will not have any adverse effect on the value of land and buildings in the neighborhood or on the amenities thereof. The use will be passive and require no employees on the premises. Specifically, the proposed Facility will require approximately two (2) vehicle trips per month by a service technician for routine maintenance and will require no water, septic, or other municipal services. Further, the proposed Facility is unmanned and passive in nature and will not contribute to overcrowding of land or undue concentration of population. The proposed Facility will involve no adverse effects on public or private water supplies, drainage, schools, parks, open space, or other public requirements. The proposed Facility will involve no excessive noise or pollution to the environment. The Facility will not impact any of the Specific Features listed in this section of the Regulations requiring special protections.



**Section 9. Operational Issues: Sections A – D.**

The proposed Facility is unmanned and passive in nature. The Facility does not generate any trash or rubbish nor solid waste and will be maintained in a sanitary condition and free from refuse and debris. The traffic generated by the facility will be one or two vehicle trips per month by maintenance and technical personnel to ensure the telecommunications site remains in good working order. Any needs for snow storage or clearing will be minimal and will comply with the purpose and intent of the Regulations. There is a snow storage area shown on the Plans within the vegetative buffer around the Facility.

**Section 10. Parking and Circulation: Sections A – J.**

The proposed Facility is unmanned and passive in nature. The Facility will only be visited one to two times per month by authorized personnel in an SUV-sized vehicle. As depicted on the Plans, the Facility will utilize the existing access to the Property. Everest will improve an existing construction driveway and dirt farm road with gravel and extend a portion with a new gravel access road to allow vehicular access to the Facility. Further, one turnaround area/parking space will be located near the proposed Facility for use by authorized personnel and will use gravel rather than impervious material as encouraged by the Regulations. The proposed use of the Facility does not require any additional parking, curbing, or loading space other than as depicted on the Plans.

Based on the foregoing, the Applicant requests a waiver of any requirement for any more than one (1) parking space at the facility, pursuant to Article III, Section 10(C) of the Regulations. The purpose and intent of this section of the Regulations is to support the local economy by facilitating access to and within the City of Rochester, enhance access to living, employment, civic, social and economic opportunities, eliminate or minimize inefficient and unsafe parking arrangements and optimize use of public infrastructure. The Facility is not designed to be accessible by the Public by foot or vehicle, rather it is to enhance the telecommunication capabilities of the City of Rochester. It is within the intent and purpose of the Regulations to permit the Facility to proceed as designed with one (1) parking space at the Facility based on its unmanned nature and the limited number of trips required to access the Facility.

Pursuant to Article III, Section 10 (J) (1), there is no need for a loading facility based on the proposed use of the Facility.

**Section 11. Pedestrian, Bicycle, and Transit Facilities: Sections A – C.**

The proposed Facility is unmanned and passive in nature. The Facility will only be visited one to two times per month by authorized personnel in an SUV-sized vehicle. As



depicted on the Plans, the Facility will utilize the existing access to the Property. Everest will improve an existing construction driveway and dirt farm road with gravel and extend a portion with a new gravel access road to allow vehicular access to the Facility. Further, one turnaround area/parking space will be located near the proposed Facility for use by authorized personnel and will use gravel rather than impervious material as encouraged by the Regulations. There is no need for pedestrian nor other access to the Facility by unauthorized personnel. The proposed facility will not obstruct existing rights-of-way or pedestrian access and will not change the daily conditions of access, egress, traffic, congestion hazard, or character of the neighborhood.

**Section 12. Public Health and Safety: Sections A – D.**

The Facility will comply with all lawful and applicable regulations concerning public and health and safety. The Applicant will work with the Fire Department to ensure that the access provided is acceptable and compliant with their requirements.

Except for the potential installation of propane tanks, the Applicant does not propose the use, creation or storage of any hazardous materials at the site. The Applicant will work together with the Fire Department to ensure that, if installed, propane gas storage meets the specifications from the Fire Department.

The Facility will not be a place for salt storage.

The Facility will be secured by a chain link fence topped with barbed wire, as shown on the Plans and shall comply with all lawful and applicable security requirements set forth for Wireless Communications Facilities in the Regulations.

**Section 13. Stormwater Management: Sections A and B.**

The Facility will comply with all lawful and applicable regulations concerning stormwater management. The proposed Facility involves the de minimis change to topography and impervious surface on the site. The proposed compound is only a small 75-foot by 75-foot area within the over 56 acre parcel. The Facility is over 283 feet to the nearest property line and will have no impact on stormwater drainage at the Property.

**Section 14. Traffic and Access Management: Sections A – E.**

The Facility is unmanned and passive in nature. The Facility will only be visited one to two times per month by authorized personnel in an SUV-sized vehicle. As depicted on the Plans, the Facility will utilize the existing access to the Property. Everest will improve an existing construction driveway and dirt farm road with gravel and extend a portion with a new gravel access road to allow vehicular access to the Facility. Further, one

turnaround area/parking space will be located near the proposed Facility for use by authorized personnel and will use gravel rather than impervious material as encouraged by the Regulations. The proposed use of the Facility does not require any additional parking, curbing, or loading space than as depicted on the Plans. As a result, the proposed Facility will not have any material impact on pedestrian or vehicular traffic and safety on or near the Property.

**Section 15. Utilities: Sections A – D.**

The Facility will comply with all lawful and applicable regulations concerning utilities. The Facility is unmanned and passive in nature and will not require or discharge water or sewerage, not generate any trash or rubbish, nor overburden other municipal services. The proposed Facility will require no more than two (2) vehicle trips per month by a service technician for routine maintenance and will require no water, septic, or other municipal services. The proposed Facility will involve no adverse effects on public or private water supplies, drainage, utilities, or other municipal interests.

**Section 16. Standard for Specific Uses, B. Wireless Communications Facilities (Commercial)**

**1. The Purpose of these regulations is to:**

**(a) facilitate the provision of wireless communication services to the residents and business of Rochester;**

The proposed Facility will benefit the City and promote and conserve the convenience and general welfare of its residents, businesses and travelers by enhancing telecommunication services and providing reliable state-of-the-art digital wireless voice and data services. The proposed Facility will contribute to securing safety from fire, flood, panic and other dangers by providing more reliable wireless coverage with E911 enhanced emergency service.

**(b) minimize adverse visual impacts through design and siting standards;**

The design and location of the proposed Facility utilizes significant setbacks from adjacent property lines and Blackwater Road and takes advantage of the existing vegetation and dense tree growth on and near the Property to help minimize any adverse visual impacts. The Facility is generally surrounded by wooded and agricultural land and the required vegetative buffer.

**(c) encourage the location of facilities in non-residential areas;**

The Facility is located in the Agricultural District and not in a residential district.

**(d) avoid potential damage to adjacent properties from tower failure; and**

Once constructed, the Facility is designed to and will comply with all applicable local, state and federal safety regulations including required setbacks and safety design. In the highly unlikely event of a 100% tower failure the Facility is set back over 300 feet from the nearest property line.

**(e) discourage proliferation of antenna support structures through co-location on existing structures and the mounting of antenna on alternate structures such as water towers, church steeples, and smokestacks.**

As set forth in the Radio Frequency Report submitted herewith, the Property is uniquely situated to allow Verizon Wireless to address the significant gap in its wireless network coverage in the vicinity of the Property. Further, as set forth in the "Existing and Alternative Site Analysis," prepared by TerraSearch Real Estate Group submitted herewith, there are no existing structures that can accommodate the proposed radio communications equipment and allow Verizon Wireless to address this significant gap in its wireless network. In addition, the Facility will also accommodate up to three (3) communication providers and encourages co-location to reduce the likelihood of another tower being required to provide adequate coverage to the surrounding area.

**2. Submittal Materials.**

Everest's application, including this narrative, and the supplemental materials submitted herewith, including without limitation, the (i) Plans, (ii) "RF Report, Proposed Wireless Facility, 133 Blackwater Road, Rochester, NH 03867", dated October 21, 2019, prepared by Keith Vellante, RF Engineer for C Squared Systems, LLC, (iii) Report by Donald L. Haes, Jr., CHP, CLSO, dated March 10, 2020 concerning compliance with FCC Guidelines, (iv) Letter of Intent Committing Owner and Successors to allow Shared use of the Tower,



and (v) FAA Determination of No Hazard to Air Navigation, includes the information required by this section.<sup>3</sup>

**3. Design. The following design standards apply:**

- a. The lowest 6 feet of the facility shall be visually screened by trees, large shrubs, solid walls, fences and or other structures.**

As depicted on the Plans submitted herewith, Everest's proposed Facility is located within an area of dense tree growth, including a significant percentage of evergreen trees, that far exceeds the minimum requirement 75 feet of natural vegetative buffer for the Facility. The existing dense tree growth and surrounding vegetation will adequately screen the lowest 6 feet of the Facility.

- b. The height and mass of the facility shall not exceed that which is essential for its intended use.**

As depicted on the Plans submitted herewith and the reports submitted herewith, the height and mass of the structure do not exceed that which is essential for its intended use.

- c. The color of the proposed facility shall be a light tone or color (except where otherwise required by the FAA) in order to minimize the visual impact.**

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<sup>3</sup> To the extent that the Ordinance or Regulations seek to regulate interference from personal wireless services facilities, it is preempted by federal law. *See, e.g. Freeman v. Burlington Broadcasters, Inc.*, 204 F.3d 311 (2d Cir. 2000); *Southwestern Bell Wireless, Inc. v. Johnson County Board of County Commissioners*, 199 F.3d 1185 (10<sup>th</sup> Cir. 1999); *Cellular Phone Task Force v. Federal Communications Commission*, 205 F.3d 82, 88 (2<sup>nd</sup> Cir. 2000). *In re Cingular Wireless, L.L.C.*, FCC Docket No. 02-100 (July 7, 2003), the FCC held that federal law preempts a local government's attempt to regulate radio frequency interference ("RFI") with local public safety communications systems. In sweeping language, the FCC indicated that local zoning provisions having the "intent and effect ... to regulate the operations - not the placement, construction and modification - of licensed facilities" are preempted because they focus on "radio frequency regulation rather than local land use concerns" (at page 10-11). Nor are preempted local regulations saved by the claim that the local government is attempting to "assure itself that a carrier is complying with FCC standards" where the regulation is "effectively regulating federally licensed operation" as opposed to "traditional zoning regulation of the physical facility" (at page 11). Accordingly, federal law preempts any and all provisions of the Ordinance or conditions imposed within an approval affecting the operations of the FCC-licensed facility.



The color of the proposed tower complies with this provision of the Regulations. The tower will be a non-reflective galvanized steel grey that minimize any alleged visual impact.

- d. **There shall be a security fence around the base of the support structure or the lot where the support structure is located.**

As depicted on the Plans submitted herewith, Everest's proposed Facility is enclosed by a six-foot-tall chain link fence with barbed wire to secure the base of the support structure.

- e. **The proposed facility will not unreasonably impair the view of or from any public park, natural scenic vista, historic building or district, or significant view corridor.**

The proposed Facility has been designed to blend into the environment to the extent feasible. The proposed Facility has been located on the Property in a manner that will minimize its visibility. The proposed location uses the existing vegetation on and near the Property in order to screen it from view to the extent feasible. In addition, the proposed monopole will be a non-reflective galvanized steel gray. Further, as demonstrated by the Determination of No Hazard to Air Navigation included herewith, the proposed Facility will not be a hazard to air navigation nor will it require FAA marking or lighting.

- f. **The Towers shall be of a monopole design unless the Planning Board determines that an alternative design would better blend in to the particular environment.**

In accordance with this provision of the regulations, Everest proposes to construct a 150-foot monopole tower (with a 6-foot lightning rod extending to 156 feet). The proposed Facility will structurally accommodate at least three wireless communications carriers and their associated antennas, electronic equipment and cabling; and fenced compound at the base of the tower will be sufficient to accommodate ground-based radio communications equipment.

4. **Removal bond. The applicant may be required to submit a removal bond to ensure that the structure will be properly removed should it become obsolete.**

If required as a condition of approval the Applicant will submit a removal bond.

5. **Process for antennas mounted on existing structures.**


Not applicable.

V. **CONCLUSION**

Everest respectfully requests the Board to grant the requested site plan review approval and any other approvals or waivers required for the proposed Facility. Everest respectfully requests that the Board schedule this application for a public hearing at its next meeting for which proper notice can be given.

If I can provide any further information regarding this application, please let me know.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brian S. Grossman".

Brian S. Grossman





**SITE NAME: ROCHESTER 3**  
**SITE NUMBER: 701651 (VW2 NH 0043A)**  
**ADDRESS: 133 BLACKWATER ROAD**  
**ROCHESTER, NH 03867**

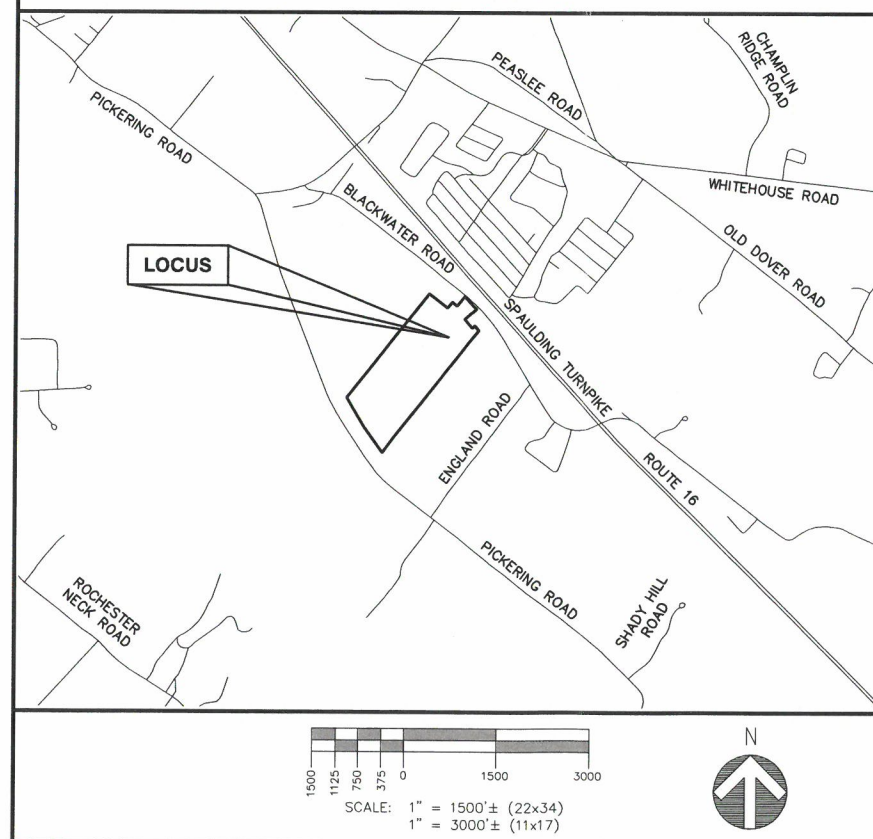
#### DRAWING INDEX

| SHEET        | DESCRIPTION                    | REVISION |
|--------------|--------------------------------|----------|
| T-1          | TITLE SHEET                    | 2        |
| C-1          | ABUTTERS PLAN                  | 2        |
| C-2          | EXISTING CONDITIONS            | 2        |
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| A-2          | SITE PLAN                      | 2        |
| A-3          | COMPOUND PLAN & ELEVATION      | 2        |
| D-1          | DETAILS                        | 2        |
| EC-1         | EROSION CONTROL PLAN & DETAILS | 2        |
| CA-1 TO CA-2 | TENANT DETAILS                 | 2        |

#### GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER & APPLICANT REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.
- PLANS FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.
- ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL DIG-SAFE (888) 344-7233 72-HOURS PRIOR TO ANY EXCAVATION.
- THIS SHEET WAS ORIGINALLY PRINTED TO ANSI D (22"x34") WITH 1" MARGINS. PRINTING TO ANSI B (11"x17") WILL RESULT IN A HALF-SCALE (1:2) SHEET SET WITH 1/2" MARGINS. CONFIRM ALL SCALED DISTANCES WITH GRAPHICAL SCALES SHOWN HEREIN.
- NEW CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:  
BUILDING CODE:  
NEW HAMPSHIRE STATE BUILDING CODE (2015 IBC) WITH AMENDMENTS  
ELECTRICAL CODE: NEC 2017 WITH NEW HAMPSHIRE AMENDMENTS

#### VICINITY MAP



#### APPROVAL SIGNATURE BLOCK

CITY OF ROCHESTER PLANNING BOARD

CHAIRMAN

DATE

#### TENANT INFORMATION



SITE NAME: ROCHESTER 3 NH

CELLCO PARTNERSHIP  
dba VERIZON WIRELESS  
118 FLANDERS ROAD  
THIRD FLOOR  
WESTBOROUGH, MA 01581  
PH: (508) 366-4389

#### PROJECT INFORMATION

SITE TYPE: RAW LAND WIRELESS COMMUNICATIONS FACILITY

SCOPE OF WORK: PROPOSED 150' TALL MONOPOLE AND 65'x65' FENCED COMPOUND WITHIN 75'x75' LEASE AREA.

SITE NAME: ROCHESTER 3

SITE NUMBER: 701651 (VW2 NH 0043A)

SITE ADDRESS: 133 BLACKWATER ROAD ROCHESTER, NH 03867

ASSESSOR'S TAX ID#: 257-24

ZONING DISTRICT(S): AGRICULTURAL (AG) CONSERVATION OVERLAY DISTRICT (COD)

LATITUDE: 43° 15' 36.28"± N (SURVEY 1A)

LONGITUDE: 70° 57' 05.35"± W (SURVEY 1A)

(P) ELEVATION: 204.5'±

DATUM: NAD83/NAVD88

PROPERTY OWNER: N/F JASON A. SCRUTON & KATHERINE L. CARROLL 20 FARMSTEAD ROAD FARMINGTON, NH 03835

APPLICANT: EIP COMMUNICATIONS I, LLC 290 CONGRESS STREET 7TH FLOOR BOSTON, MA 02210

SITE ENGINEER: PROTERRA DESIGN GROUP, LLC 4 BAY ROAD BUILDING A; SUITE 200 HADLEY, MA 01035 TEL: (413) 320-4918

SURVEYOR: NORTHEAST SURVEY CONSULTANTS 116 PLEASANT STREET SUITE 302 EASTHAMPTON, MA 01027 TEL: (413) 203-5144

WETLAND SCIENTIST: LUCAS ENVIRONMENTAL, LLC 500A WASHINGTON STREET QUINCY, MA 02169

FOR MORE INFORMATION ABOUT THIS SITE PLAN CONTACT:  
MS. MICHAEL ASHLEY CULBERT  
VICE PRESIDENT OF SITE DEVELOPMENT  
EVEREST INFRASTRUCTURE PARTNERS  
PH: 781.820.9120

PERMITTING REVISED

**ProTerra**  
DESIGN GROUP, LLC

4 Bay Road  
Building A; Suite 200  
Hadley, MA 01035  
Ph: (413)320-4918

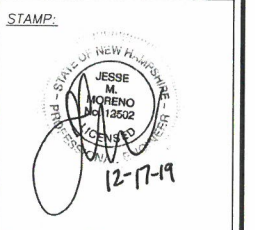
CONSULTANTS:

| NO. | DATE     | REVISIONS                 |
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| 1   | 09/13/17 | ISSUED FOR REVIEW         |
| 2   | 10/19/17 | ISSUED FOR PERMITTING     |
| 3   | 01/22/19 | PERMITTING REVISED        |
| 4   | 12/17/19 | UPDATE APPLICANT & ACCESS |

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**SITE NUMBER: 701651 (VW2 NH 0043A)**  
**ADDRESS: 133 BLACKWATER ROAD**  
**ROCHESTER, NH 03867**

**APPLICANT:**  
EIP COMMUNICATIONS I, LLC  
290 CONGRESS STREET  
7TH FLOOR  
BOSTON, MA 02210

**EVEREST**  
INFRASTRUCTURE PARTNERS



DATE: 09/13/17

DRAWN: BLM

CHECK: JMM/TEJ

SCALE: SEE PLAN

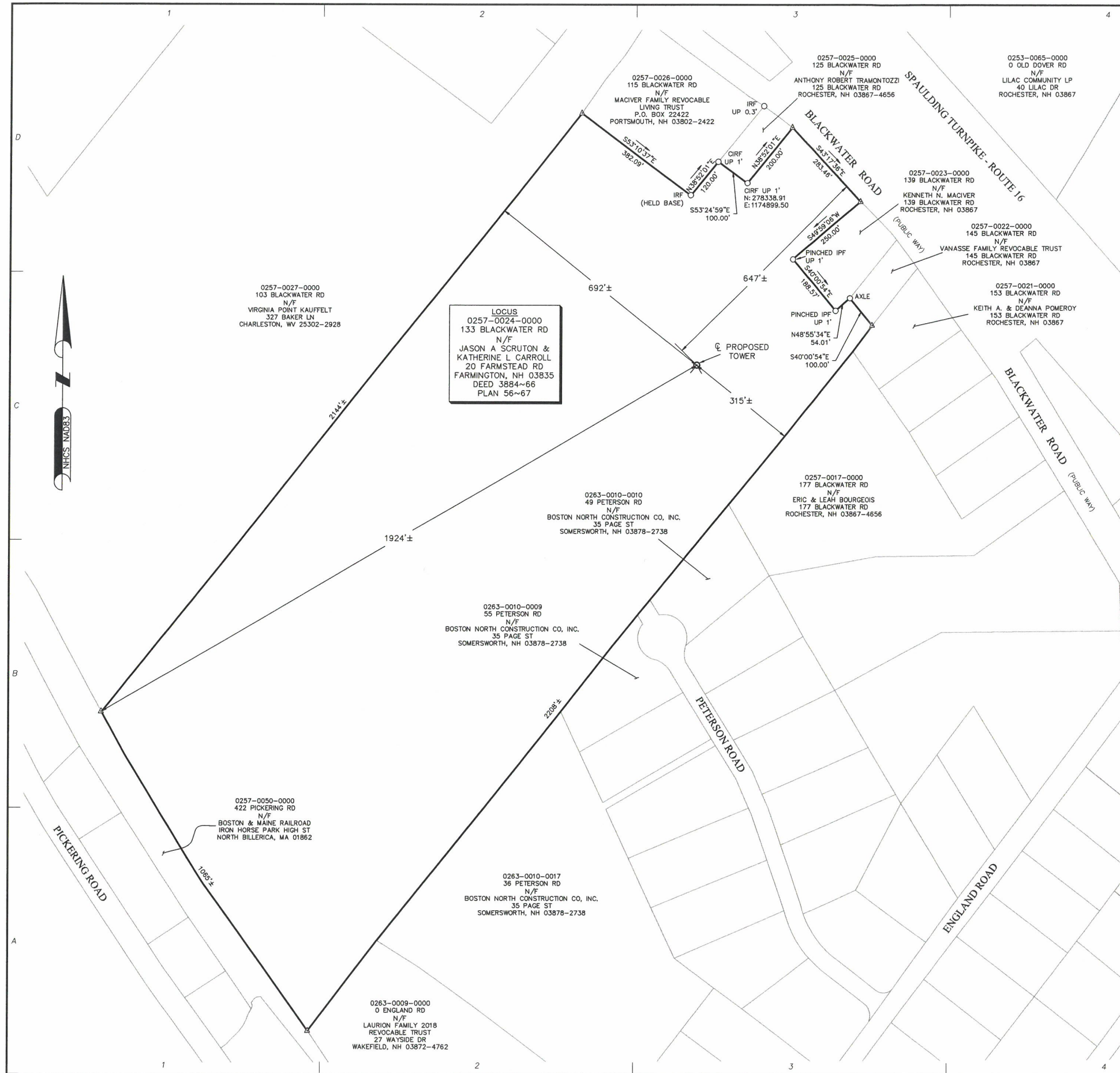
JOB NO.: 17-046

SHEET TITLE:

**TITLE SHEET**

**T-1**





FAA 1-A CERTIFICATION

I HEREBY CERTIFY THAT THE LATITUDE, LONGITUDE, AND ELEVATION PRESENTED HEREON MEET THE REQUIREMENTS OF THE FAA WITH THE FOLLOWING ACCURACIES:  
  
THREE (3) FEET VERTICALLY  
TWENTY (20) FEET HORIZONTALLY

JAMES M. LAVELLE NH LLS # 489

10-02-2019  
DATE

SURVEY NOTES

- SITE DETAIL SHOWN ON THIS SURVEY IS BASED ON FIELD DATA COLLECTED ON AUGUST 16, 2017. BOUNDARY INFORMATION IS COMPILED FROM RECORD DOCUMENTS AND IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD BOUNDARY SURVEY, AND IS SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE.
- THE PURPOSE OF THIS SURVEY IS TO SUPPORT THE DESIGN AND CONSTRUCTION OF A TELECOMMUNICATION FACILITY. USE OF THIS SURVEY BY ANYONE OTHER THAN EIP COMMUNICATIONS I, LLC, AND USE OF THIS SURVEY FOR ANY PURPOSE NOT RELATED TO THE DESIGN OF THE INTENDED FACILITY IS STRICTLY PROHIBITED.
- PROPERTY LINES AND BOUNDARY DIMENSIONS SHOWN ON THIS SURVEY ARE BASED ON A COMPILATION OF RECORDED PLANS AND DEEDS AND ARE NOT INTENDED TO REPRESENT DEFINITIVE BOUNDARY LINES OR BE USED FOR THE PURPOSES OF CONVEYANCE. PROPERTY RELATED INFORMATION HAS NOT BEEN CONFIRMED BY FIELD SURVEY OBSERVATIONS AND NO ASSESSMENT OF LAND OCCUPATION HAS BEEN CONDUCTED IN THE PREPARATION OF THIS SURVEY. A PROPERTY LINE RETRACEMENT SURVEY HAS NOT BEEN CONDUCTED.
- THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIP'S, AND THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.
- PRIMARY GEODETIC SURVEY CONTROL WAS ESTABLISHED FROM AN ON THE GROUND SURVEY USING THE GLOBAL POSITIONING SYSTEM (GPS) ON AUGUST 16, 2017. THE HORIZONTAL REFERENCED DATUM IS THE NAD 83 BASED ON THE GRS 80 REFERENCE ELLIPSOID. THE GRID COORDINATES ARE BASED ON THE NEW HAMPSHIRE STATE PLANE COORDINATE SYSTEM OF 1983 COR96. ELEVATIONS SHOWN ARE ASSUMED AND ARE APPROXIMATED TO THE NAVD 88 VERTICAL DATUM. VERTICAL AND HORIZONTAL INFORMATION SHOWN MEETS THE STANDARD CRITERIA FOR AN FAA 1A CERTIFICATION (20'± HORIZONTAL AND 3'± VERTICAL).
- IN THE EVENT THAT BENCHMARKS (TBM'S), ESTABLISHED FOR THIS PROJECT AND PUBLISHED ON THIS SURVEY, ARE DESTROYED, NOT RECOVERABLE OR A DISCREPANCY IS FOUND, THE USER SHOULD NOTIFY THIS FIRM IN WRITING PRIOR TO COMMENCING OR CONTINUING ANY WORK.
- THE LOCUS PARCEL IS IDENTIFIED AS 0257-0024-0000 IN THE CITY OF ROCHESTER TAX ASSESSOR'S GIS DATABASE.
- THE PROJECT AREA IS LOCATED IN FLOOD ZONE "X" (AREAS OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN, NO SHADING) FLOOD AS SHOWN ON FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 33017C 0214 D, DATED MAY 17, 2005.
- ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM (MA, ME, NH, RI, VT): 1-888-344-7233
- THE SUBJECT PROPERTY AND ALL ABUTTING PROPERTIES ARE LOCATED IN THE CITY OF ROCHESTER AGRICULTURAL ZONING DISTRICT.
- WETLANDS SHOWN HEREON WERE DELINEATED BY CHRISTOPHER M. LUCUS, CWS #274, LUCAS ENVIRONMENTAL, LLC ON JULY 12, 2017.

PROPERTY OWNER:

JASON A SCRUTON & KATHERINE L CARROLL  
20 FARMSTEAD ROAD  
FARMINGTON, NH 03835

LOCUS DEED REFERENCE:

BOOK 3884 PAGE 66

PLAN REFERENCES:

56~67

LEGEND

N/F

— NOW OR FORMERLY

IRF/IPF O

— IRON ROD/PIPE FOUND

CIRF

— CAPPED IRON ROD FOUND

Δ

— CALCULATED POINT

—

— LOCUS PROPERTY LINE

—

— ABUTTERS PROPERTY LINE

ABUTTERS PLAN

ANSI D (22"x34") SCALE: 1"=150'  
ANSI A (11"x17") SCALE: 1"=300'

150' 0' 150' 300'

ProTerra

DESIGN GROUP, LLC

4 Bay Road, Bldg A,  
Suite 200  
Hadley, MA 01035  
Ph: (413)320-4918

CONSULTANTS:

NORTHEAST SURVEY  
CONSULTANTS

116 Pleasant St. Ste. 302  
P.O. Box 109  
Easthampton, MA 01027  
(413) 203-5144  
northeastsurvey.com

NO. DATE

REVISIONS

1 09/01/17 ISSUED FOR REVIEW

2 10/19/17 ISSUED FOR REVIEW

3 01/22/19 PERMITTING REVISED

4 09/30/19 UPDATE APPLICANT

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ADDRESS: 133 BLACKWATER ROAD  
ROCHESTER, NH 03867

APPLICANT:

EIP COMMUNICATIONS I, LLC  
290 CONGRESS STREET  
7TH FLOOR  
BOSTON, MA 02210

EVEREST

— TRANSDUCER PARTNER —

DATE: 10/02/2019

DRAWN: CCG/JDG

CHECK: BCF

SCALE: 1"=150'

JOB NO.: 17-174

SHEET TITLE:

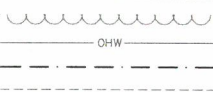
ABUTTERS  
PLAN

C-1



# LEGEND

- N/F
- 
- ⊕
- 
- 
- ◆
- 
- NOW OR FORMERLY
- TOWER CONTROL POINT
- UTILITY POLE
- GUY WIRE ANCHOR
- WETLAND FLAG
- TEMPORARY BENCHMARK (TBM)
- PIPE INLET / OUTLET
- LOCUS PROPERTY LINE
- ABUTTERS LINE
- TREE LINE
- OVERHEAD WIRES
- WETLAND DELINEATION
- CONTOUR LINE



CENTER OF  
PROPOSED TOWER  
LAT: 43°15'36.28"  
LON: 70°57'05.35"  
N: 277830.16  
E: 1174761.86  
GROUND EL: 204'±

LOCUS  
0257-0024-0000  
133 BLACKWATER RD  
N/F  
JASON A SCRUTON &  
KATHERINE L CARROLL  
20 FARMSTEAD RD  
FARMINGTON, NH 03835  
DEED 3884~66  
PLAN 56~67

0257-0026-0000  
115 BLACKWATER RD  
N/F  
MACIVER FAMILY REVOCABLE  
LIVING TRUST  
P.O. BOX 22422  
PORTSMOUTH, NH 03802-2422

0257-0025-0000  
125 BLACKWATER RD  
N/F  
ANTHONY ROBERT TRAMONTOZZI  
125 BLACKWATER RD  
ROCHESTER, NH 03867-4656

0257-0023-0000  
139 BLACKWATER RD  
N/F  
KENNETH N MACIVER  
139 BLACKWATER RD  
ROCHESTER, NH 03867

0257-0022-0000  
145 BLACKWATER RD  
N/F  
ROBERT G & BETTY M VANASSE  
145 BLACKWATER RD  
ROCHESTER, NH 03867

0257-0021-0000  
153 BLACKWATER RD  
N/F  
KEITH A & DEANNA POMEROY  
153 BLACKWATER RD  
ROCHESTER, NH 03867

0257-0017-0000  
177 BLACKWATER RD  
N/F  
ERIC & LEAH BOURGEOIS  
177 BLACKWATER RD  
ROCHESTER, NH 03867-4656



## EXISTING CONDITIONS PLAN

ANSI D (22"x34") SCALE: 1"=40'  
ANSI A (11"x17") SCALE: 1"=80'

**ProTerra**  
DESIGN GROUP, LLC

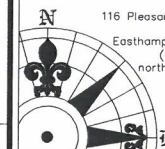
4 Bay Road, Bldg A,  
Suite 200  
Hadley, MA 01035

Ph: (413)320-4918

### CONSULTANTS:

#### NORTHEAST SURVEY CONSULTANTS

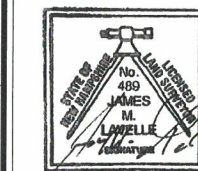
116 Pleasant St. Ste. 302  
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northeastsurvey.com



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ROCHESTER, NH 03867

APPLICANT:  
EIP COMMUNICATIONS I, LLC  
290 CONGRESS STREET  
7TH FLOOR  
BOSTON, MA 02210



DATE: 10/02/2019

DRAWN: CCG

CHECK: BCF

SCALE: 1"=40'

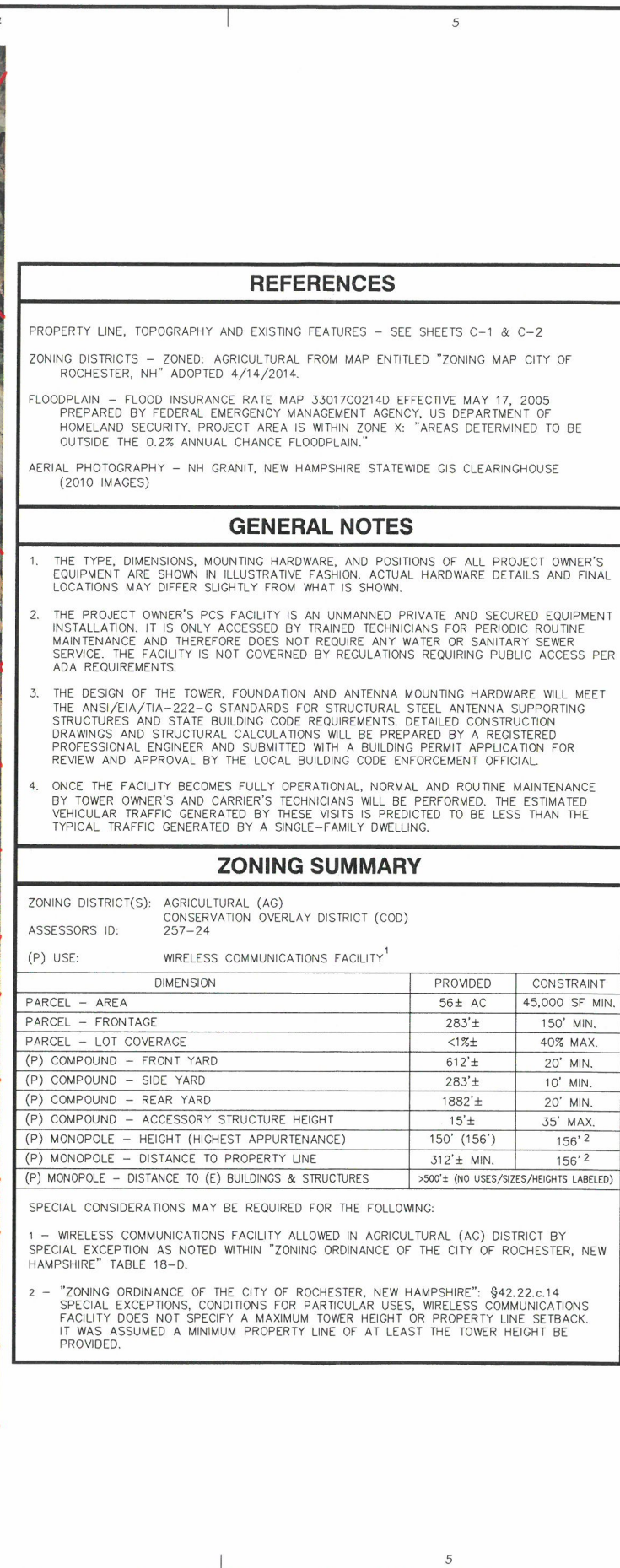
JOB NO.: 17-174

SHEET TITLE:

**EXISTING  
CONDITIONS**

**C-2**








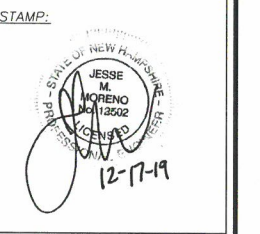




CONSULTANTS:

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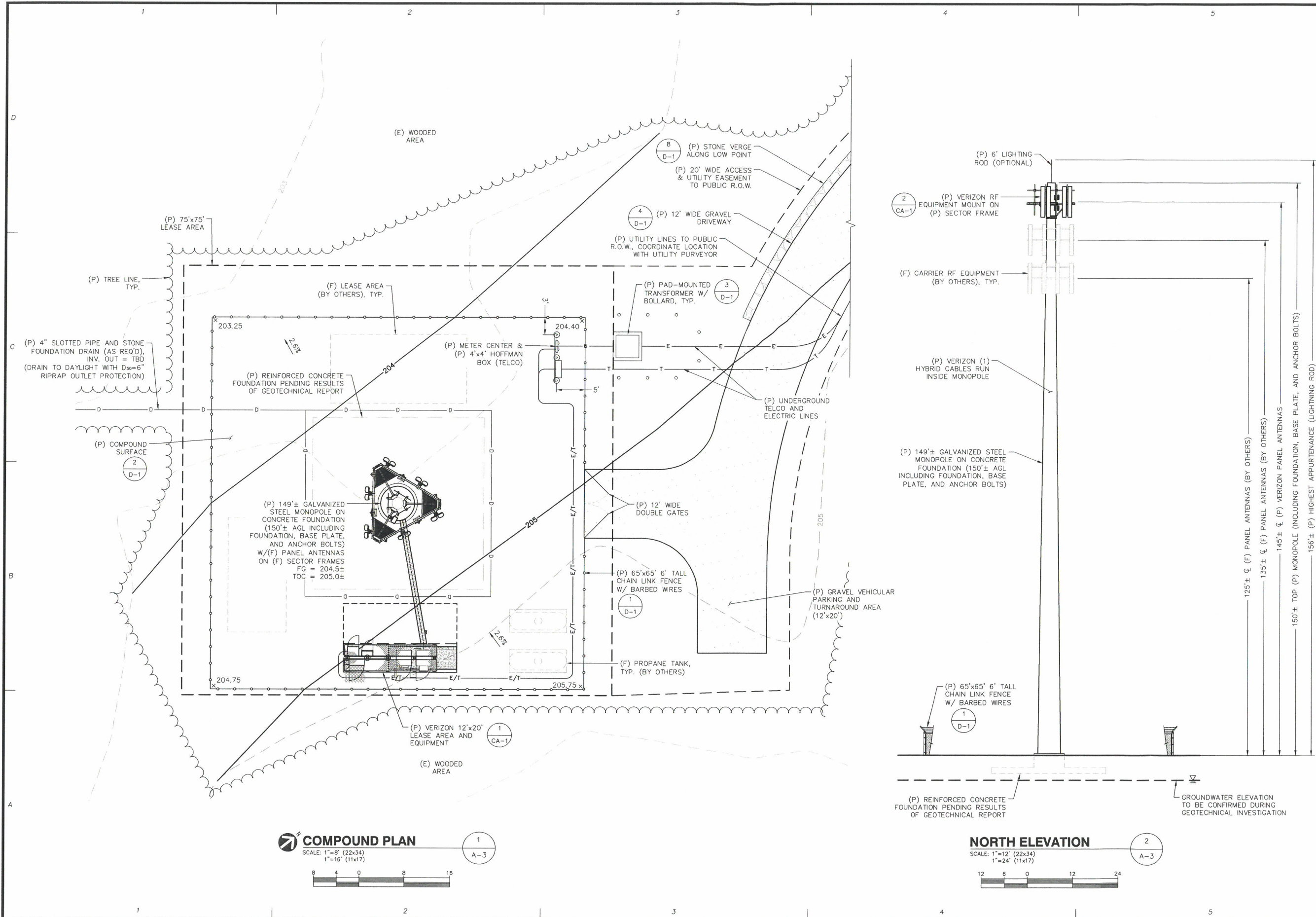
|   |   |
|---|---|
| TITLE:  | SITE NAME: ROCHESTER 3  |
|   | SITE NUMBER: 701651 (VW2 NH 0043A)  |
| ADDRESS: 133 BLACKWATER ROAD<br>ROCHESTER, NH 03867 | APPLICANT:<br> EVEREST COMMUNICATIONS<br>EIP COMMUNICATIONS 1, LLC<br>290 CONGRESS STREET<br>7TH FLOOR<br>BOSTON, MA 02210 |
|   |   |



DATE: 09/13/17  
DRAWN: BLM  
CHECK: JMM/TEJ  
SCALE: SEE PLAN  
JOB NO.: 17-046

SHEET TITLE:  
**COMPOUND PLAN  
& ELEVATION**


**A-3**

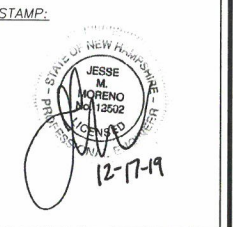




CONSULTANTS:

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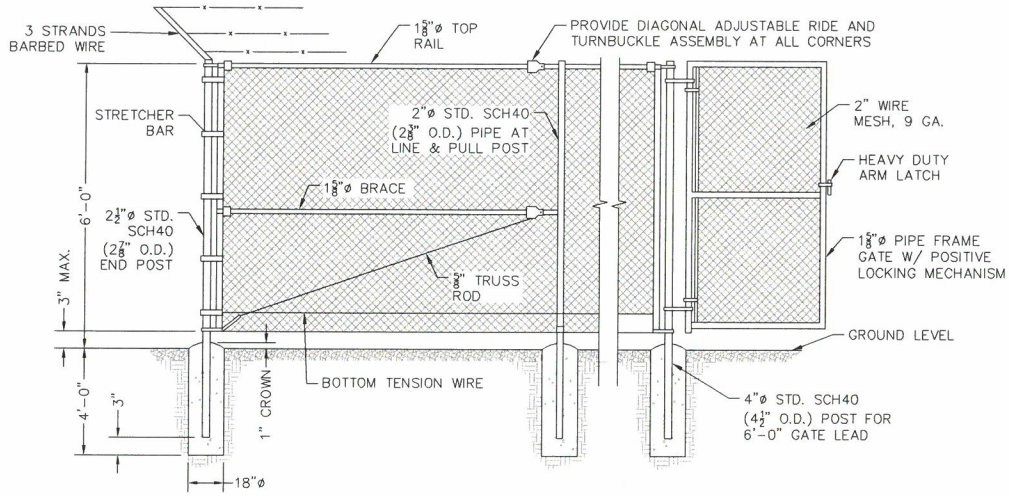
|         |  |   |   |
|---------|--|---|---|
| JULICE. | <p><b>SITE NAME: ROCHESTER 3</b></p> <p><b>SITE NUMBER: 701651 (VW2 NH 0043A)</b></p> <p><b>ADDRESS: 133 BLACKWATER ROAD</b></p> <p><b>ROCHESTER, NH 03867</b></p> | <p><b>APPLICANT:</b></p> <p><b>EIP COMMUNICATIONS I, LLC</b></p> <p><b>290 CONGRESS STREET</b></p> <p><b>7TH FLOOR</b></p> <p><b>BOSTON, MA 02109</b></p> |  <p><b>EVEREST</b></p> <p><small>CONSTRUCTION MANAGEMENT</small></p> |
|         |  |   |   |



DATE: 09/13/17  
DRAWN: BLM  
CHECK: JMM/TEJ  
SCALE: SEE PLAN  
JOB NO.: 17-046  
SHEET TITLE:

DETAILS

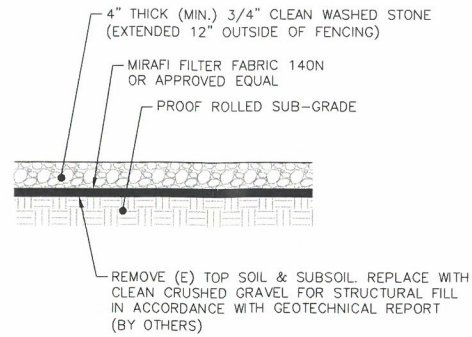
D-1



CHAIN LINK FENCE

SCALE: NONE

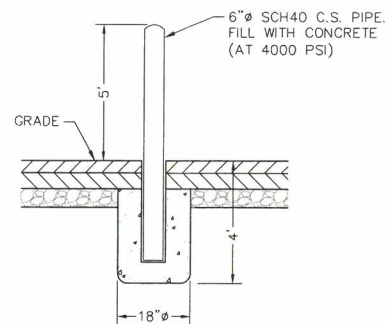
1  
D-1



COMPOUND SURFACE

SCALE: NONE

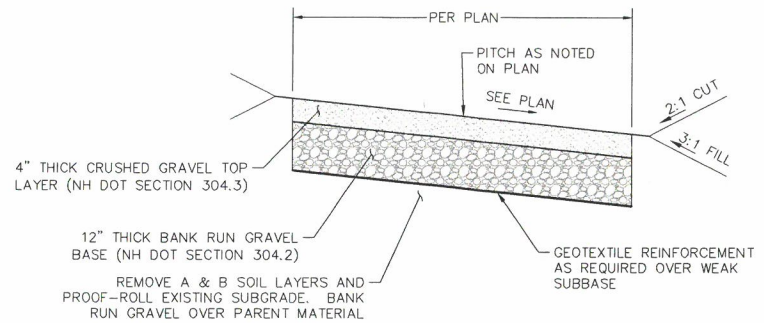
2  
D-1



BOLLARD

SCALE: NONE

3  
D-1



DRIVEWAY SECTION

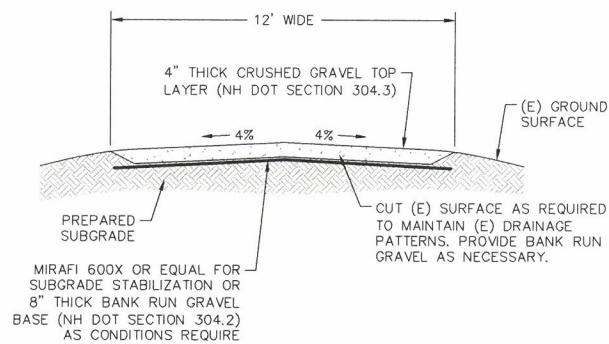
SCALE: NONE

4  
D-1

NOTES:

1. ALL GRANULAR MATERIALS SHALL BE COMPACTED TO 95±% MAXIMUM DRY DENSITY BY STD. PROCTOR METHOD
2. ALL CUT AND FILL SLOPES TO BE COVERED WITH JUTE MESH EROSION CONTROL BLANKETS AND/OR HYDROSEEDED WITH NEW ENGLAND ROADSIDE MATRIX MIX AT 35LBS PER ACRE OR EQUAL.
3. THE REQUIREMENT FOR INSTALLATION OF SUBDRAINS SHALL BE AT ALL CUT SECTIONS OR AS DETERMINED BY THE ENGINEER-OF-RECORD BASED ON FIELD CONDITIONS AT THE TIME OF CONSTRUCTION. SUBDRAINS SHALL BE OUTLETTED TO DAYLIGHT AS APPROVED BY THE ENGINEER-OF-RECORD.
4. ALL MATERIALS TO CONFORM TO STATE AND/OR MUNICIPAL STANDARD AS REQUIRED.

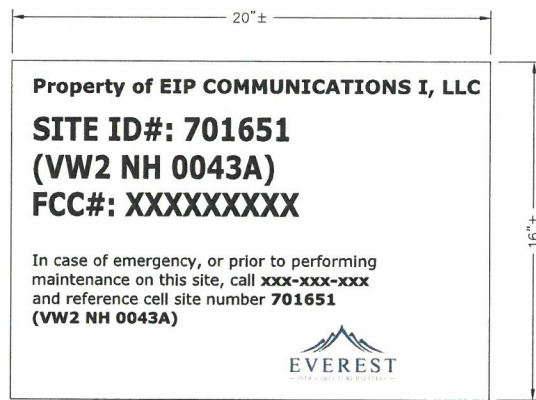
| % PASSING | BASE LAYER | TOP LAYER |
|-----------|------------|-----------|
| 6"        | 100        | -         |
| 3"        | -          | 100       |
| 2"        | -          | 95-100    |
| 1"        | -          | 55-85     |
| #4        | 25-70      | 27-52     |
| #200      | 0-12       | 0-12      |



RESURFACED DRIVEWAY

SCALE: NONE

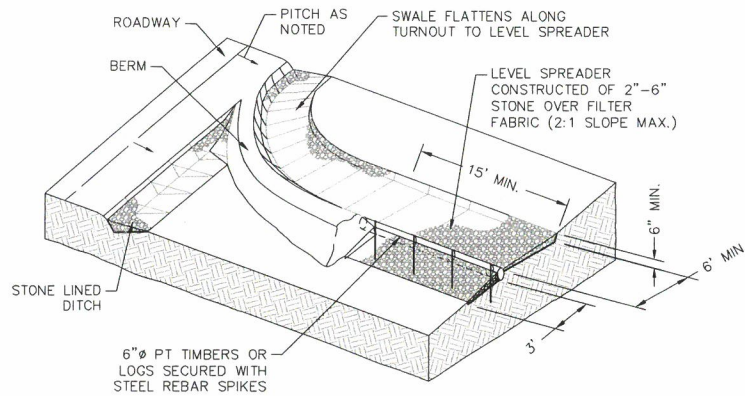
5  
D-1



EMERGENCY CONTACT SIGN

SCALE: NONE

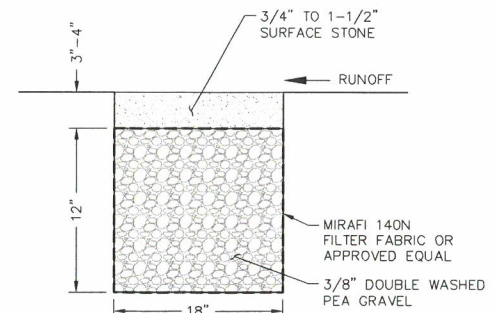
6  
D-1



DITCH TURNOUT & LEVEL SPREADER

SCALE: NONE

7  
D-1

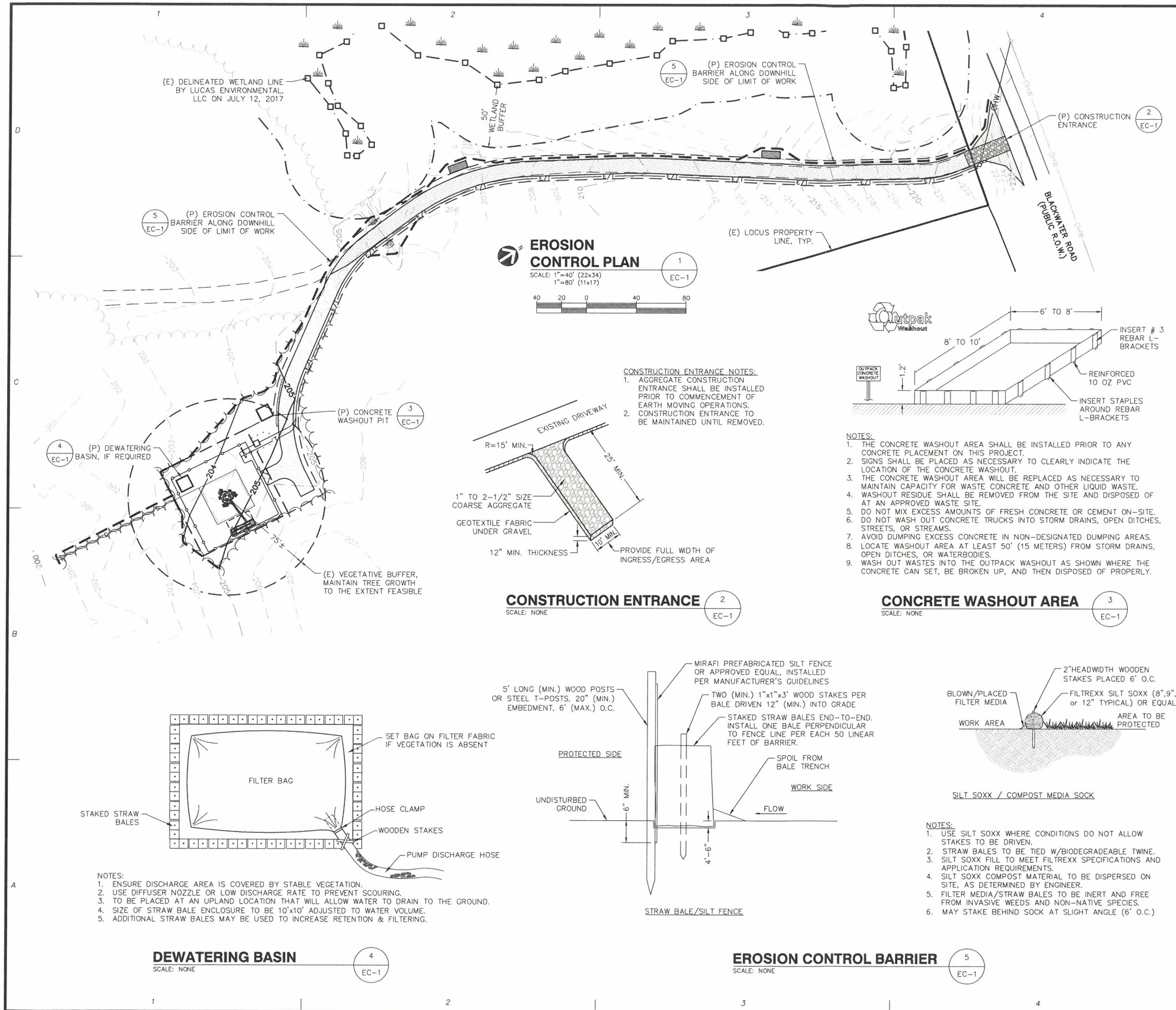


STONE VERGE

SCALE: NONE

8  
D-1





- ### EROSION CONTROL NOTES
1. APPLICANT PROPOSES TO CONSTRUCT A CELLULAR TELECOMMUNICATIONS FACILITY CONSISTING OF A FENCED COMPOUND, DRIVEWAY AND UTILITY WORK WITHIN A LEASE AREA AND EASEMENTS.
  2. ALL WORK SHALL CONFORM TO THE NEW HAMPSHIRE STORMWATER MANUAL - VOLUME 3 "EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION" BY NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES DATED DECEMBER 2008 OR AS SUBSEQUENTLY REVISED.
  3. TEMPORARY SILT FENCE EROSION CONTROL BARRIER SHALL BE MAINTAINED THROUGHOUT SITE CONSTRUCTION. STOCK PILE ON SITE 100 FT. OF SILT FENCE FOR EMERGENCY USE. TEMPORARY EROSION BARRIERS SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATIVE GROUND COVER IS ESTABLISHED.
  4. THE CONTRACTOR SHALL CHIP ALL BRUSH AND SLASH CUTTINGS ON SITE AND STOCKPILE THE CHIPS TO BE USED ON ALL UNSTABLE, DISTURBED AREAS DURING CONSTRUCTION AS TEMPORARY STABILIZATION MULCH. NO BURNING WILL BE ALLOWED ON SITE.
  5. TEMPORARY STABILIZATION MUST BE PROVIDED TO ANY DISTURBED EARTH THAT IS OPENED UP IN ANY ONE LOCATION FOR MORE THAN 14 DAYS. CHIPS FROM LAND CLEARING, EROSION CONTROL BLANKETS, OR FAST GROWING RYE GRASSES MAY BE USED FOR TEMPORARY STABILIZATION AS REQUIRED.
  6. STRIPPED TOPSOIL SHALL BE STOCKPILED AND PROTECTED WITH STRAW MULCH. ALL STOCKPILES SHALL HAVE AN APPROVED SILTATION BARRIER TOTALLY SURROUNDING THE PILE. THE PILE SHALL BE IN AN APPROVED UPLAND AREA A MINIMUM OF FIFTY FEET FROM ALL RESOURCE AREAS.
  7. THE PHASING AND SEQUENCING OF THE WORK FOR THE SITE PREPARATION FOR THE TELECOMMUNICATIONS EQUIPMENT INSTALLATION CONSISTS OF INSTALLING TEMPORARY EROSION AND SEDIMENTATION CONTROL BARRIERS; CLEARING AND ROUGH GRADING OF COMPOUND; FOUNDATION WORK; BACK FILL FOUNDATIONS; FENCED COMPOUND CONSTRUCTION; INSTALLATION OF MONOPOLE AND GROUND EQUIPMENT; INSTALLATION OF UTILITIES; GROUNDING AND LIGHTNING PROTECTION; EQUIPMENT TESTING; FINAL GRADING AND STABILIZATION OF DISTURBED AREAS; LOAM AND SEED DISTURBED AREAS OUTSIDE COMPOUND; FINAL CLEANUP. THE ESTIMATED TIME FOR COMPLETION OF THE WORK IS APPROXIMATELY **TWELVE (12) WEEKS**.
  8. THE COMPOUND ENCLOSURE IS SURFACED WITH CRUSHED STONE UNDERLAIN BY A WEED-BLOCK SYNTHETIC FILTER FABRIC. DRAINAGE PATTERNS, RUNOFF VOLUMES AND PEAK FLOW RATES WILL NOT BE ALTERED BY THE PROPOSED CONSTRUCTION.
  9. IF REQUIRED, TEMPORARY DEWATERING OF THE TRENCH EXCAVATIONS SHALL BE DIVERTED INTO A TEMPORARY STILLING BASIN. INFILTRATION IN THE STILLING BASIN AND FLOW THROUGH THE CRUSHED STONE CONTAINMENT BERM WILL RESULT IN DIFFUSE, NON-POINT SOURCE RUNOFF OVER VEGETATED AREAS.
  10. ALL DISTURBED AREAS OUTSIDE THE LIMITS OF THE FENCED COMPOUND AND ROADWAY SHALL BE PERMANENTLY ESTABLISHED WITH A NATIVE VEGETATIVE GROUND COVER AT THE CONCLUSION OF CONSTRUCTION. GRADED AREAS SHALL BE PROTECTED WITH STRAW MULCH UNTIL A GOOD VEGETATIVE COVER IS ESTABLISHED.
  11. THE TOTAL IMPACT AREA OF THE DISTURBED MONOPOLE & COMPOUND CONSTRUCTION SITE IS BOUNDED BY THE "LIMIT OF WORK" AS SHOWN HEREON. THE MAXIMUM AREA OF DISTURBANCE WITHIN THE LIMIT OF WORK IS APPROXIMATELY **26,280 SQUARE FEET**. THE PROJECT IMPACT AREA IS BELOW THE EXEMPTION THRESHOLD OF 43,560 SQUARE FEET IN 40 CFR PARTS 9, 122-124 AND THEREFORE IS NOT SUBJECT TO REGULATION UNDER THE EPA NPDES GENERAL CONSTRUCTION PERMIT PROGRAM.
  12. THE PROJECT OWNER'S GENERAL CONTRACTOR SHALL CONDUCT ALL SITE DEVELOPMENT WORK IN A MANNER THAT DOES NOT EXCEED THE LIMITS OF WORK SHOWN ON THE PLANS. ADDITIONALLY, THE PROJECT OWNER'S GENERAL CONTRACTOR SHALL CONDUCT ALL CONSTRUCTION ACTIVITIES IN A MANNER THAT DOES NOT RESULT IN STORM WATER DISCHARGES WITH AN ADVERSE IMPACT ON ANY RESOURCE AREAS OR DOWNSTREAM PROPERTIES.
  13. A CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON THIS PROJECT. SIGNS SHALL BE PLACED AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT. WASHOUT RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
  14. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SILT FROM BEHIND SILTATION BARRIERS AND DISPOSE OF SILT EVENLY IN UPLAND AREAS. REMOVE ALL EROSION CONTROL DEVICES WHEN A GOOD VEGETATIVE COVER IS ESTABLISHED.

**ProTerra**  
DESIGN GROUP, LLC

4 Bay Road  
Building A, Suite 200  
Hadley, MA 01035  
Ph: (413)320-4918

CONSULTANTS:

| NO. | DATE     | REVISIONS                 |
|-----|----------|---------------------------|
| A   | 09/13/17 | ISSUED FOR REVIEW         |
| B   | 10/19/17 | ISSUED FOR PERMITTING     |
| C   | 01/23/19 | PERMITTING REVISED        |
| D   | 12/17/19 | UPDATE APPLICANT & ACCESS |

**SITE NAME: ROCHESTER 3**  
**SITE NUMBER: 701661 (VT2 NH 0043A)**  
**ADDRESS: 133 BLACKWATER ROAD**  
**ROCHESTER, NH 03867**

**APPLICANT:**  
**EVEREST**  
BIP COMMUNICATIONS I, LLC  
290 CONGRESS STREET  
7TH FLOOR  
BOSTON, MA 02260

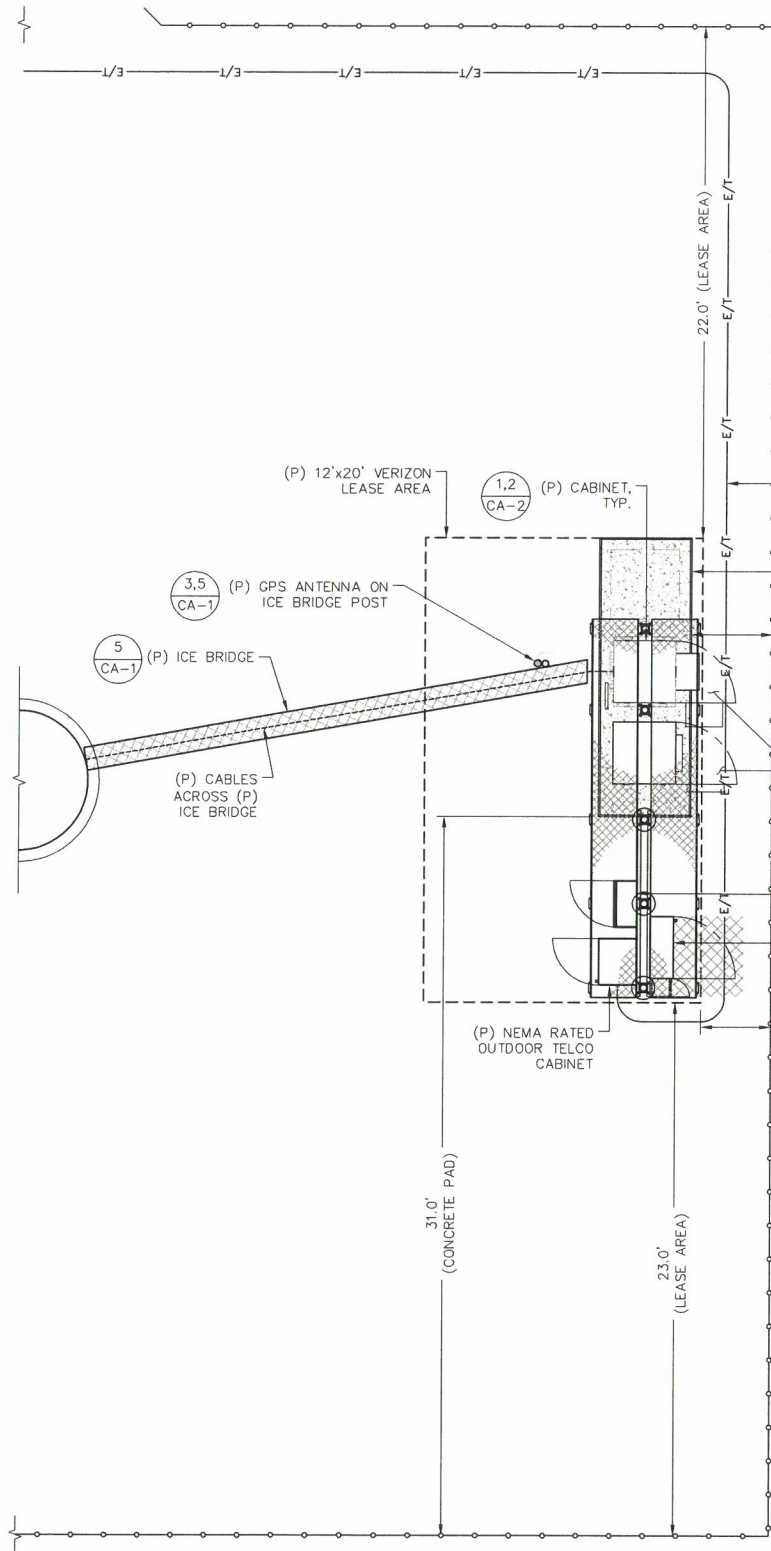
**STAMP:**

JESSE M. MORENO  
12502  
12-17-19

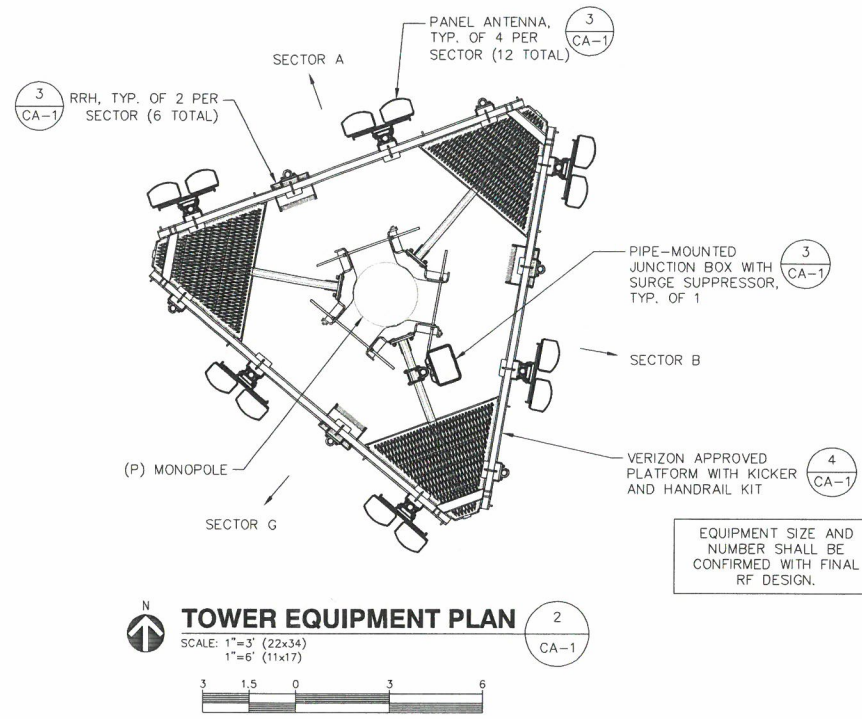
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CHECK: JMM/TEJ  
SCALE: SEE PLAN  
JOB NO.: 17-046

**SHEET TITLE:**  
**EROSION CONTROL PLAN & DETAILS**  
**EC-1**

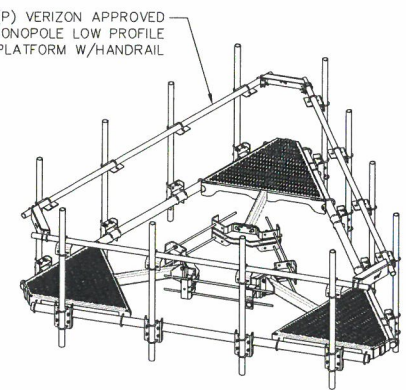




**GROUND EQUIPMENT LAYOUT PLAN**  
SCALE: 1"=4' (22x34)  
1"=8' (11x17)  
1 CA-1



**TOWER EQUIPMENT PLAN**  
SCALE: 1"=3' (22x34)  
1"=6' (11x17)  
2 CA-1



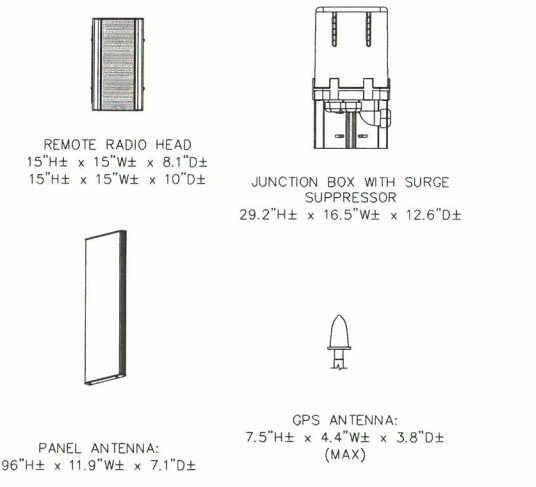
**SECTOR FRAME DETAIL**  
SCALE: NONE  
4 CA-1

**TENANT INFORMATION**

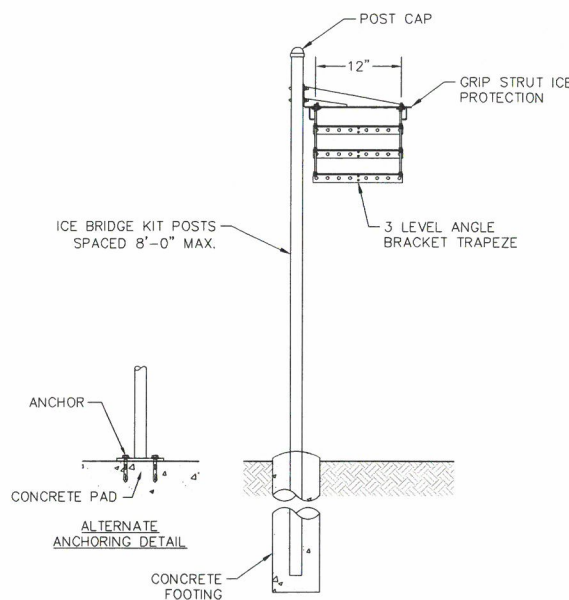
**verizon**

SITE NAME: ROCHESTER 3 NH

CELLCO PARTNERSHIP  
dba VERIZON WIRELESS  
118 FLANDERS ROAD  
THIRD FLOOR  
WESTBOROUGH, MA 01581  
PH: (508) 366-4389



**ANTENNA EQUIPMENT**  
SCALE: NONE  
3 CA-1



**ICE BRIDGE**  
SCALE: NONE  
5 CA-1

**ProTerra**  
DESIGN GROUP, LLC

4 Bay Road  
Building A, Suite 200  
Hadley, MA 01035  
Ph: (413) 320-4918

**CONSULTANTS:**

|     |          |                           |
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**SITE NAME: ROCHESTER 3**  
**SITE NUMBER: 701651 (VW2 NH 0043A)**  
**ADDRESS: 138 BLACKWATER ROAD**  
**ROCHESTER, NH 03867**

**APPLICANT:**  
**EVEREST**  
BIP COMMUNICATIONS I, LLC  
290 CONGRESS STREET  
7TH FLOOR  
BOSTON, MA 02109

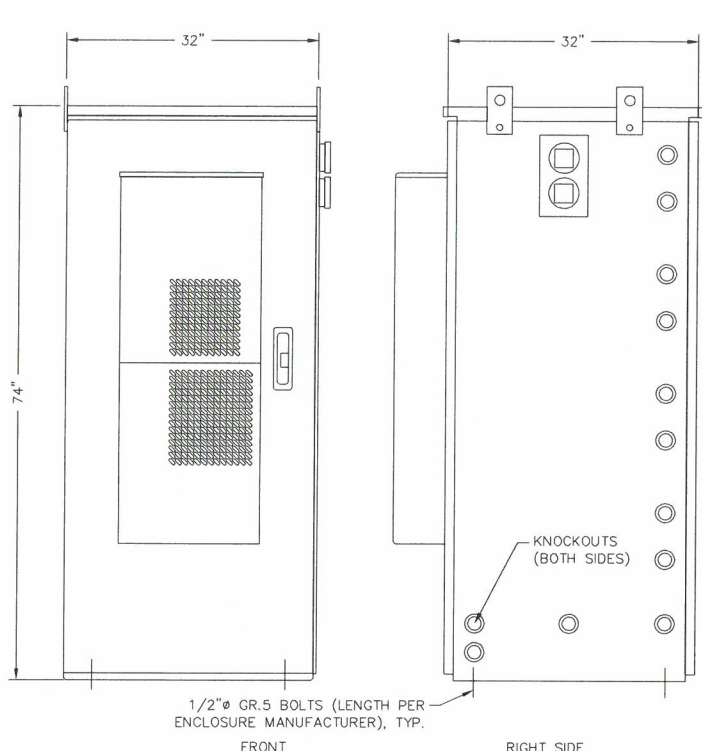
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JESSE M. MORENO  
12502  
12-17-19

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|----------|----------|
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| SCALE:   | SEE PLAN |
| JOB NO.: | 17-046   |

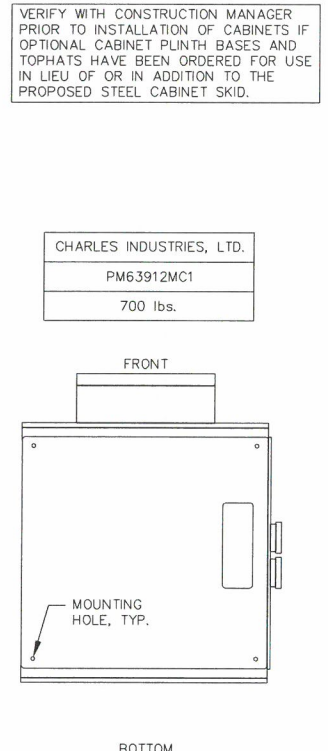
**TENANT DETAILS**

**CA-1**



**POWER & EQUIPMENT CABINET**  
SCALE: NONE

1  
CA-2



**BATTERY CABINET**  
SCALE: NONE

2  
CA-2

**TENANT INFORMATION**

SITE NAME: ROCHESTER 3 NH

CELLCO PARTNERSHIP  
dbo VERIZON WIRELESS  
118 FLANDERS ROAD  
THIRD FLOOR  
WESTBOROUGH, MA 01581  
PH: (508) 366-4389

**ProTerra**  
DESIGN GROUP, LLC

4 Bay Road  
Building A, Suite 200  
Hadley, MA 01035  
Ph: (413) 320-4918

CONSULTANTS:

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**SITE NAME: ROCHESTER 3**  
**SITE NUMBER: 701651 (VW2 NH 0043A)**  
**ADDRESS: 133 BLACKWATER ROAD**  
**ROCHESTER, NH 03867**

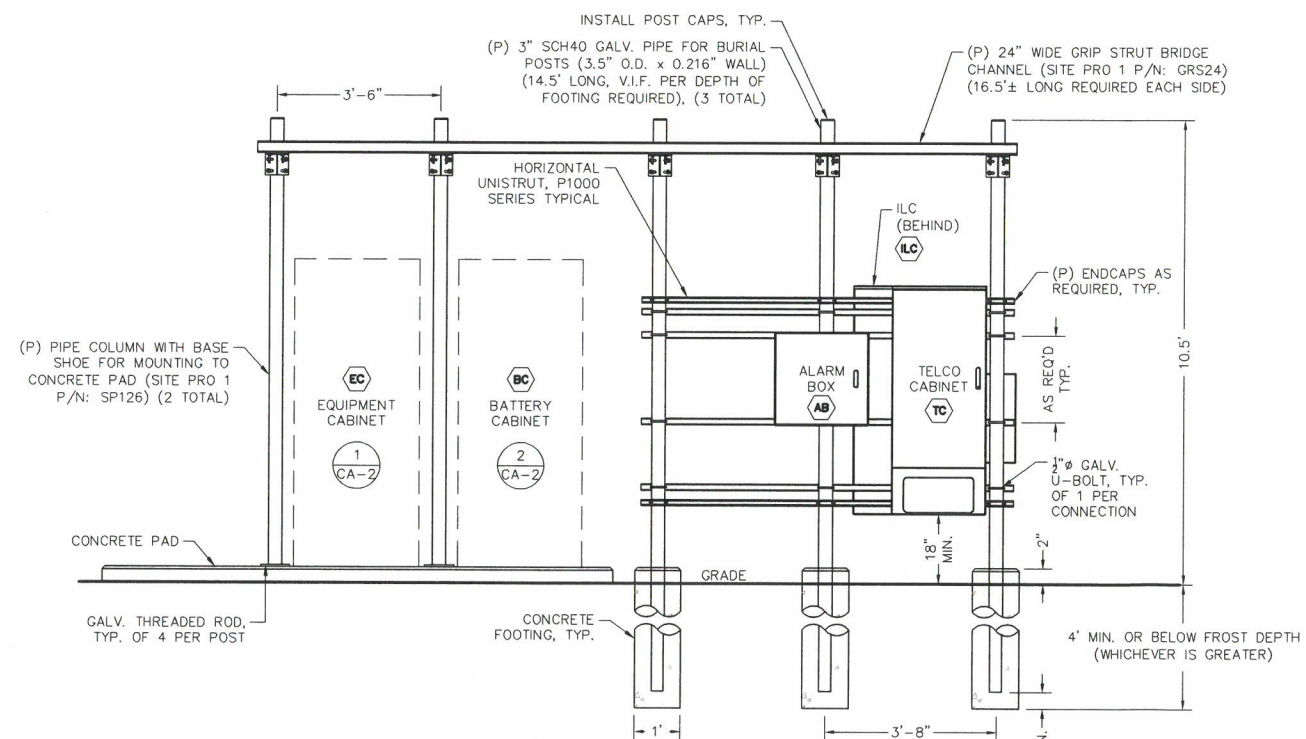
**APPLICANT:**  
**EVEREST**  
BIP COMMUNICATIONS 1, LLC  
290 CONGRESS STREET  
7TH FLOOR  
BOSTON, MA 02109

**STAMP:**

JESSE M. MORENO  
12502  
12-17-19

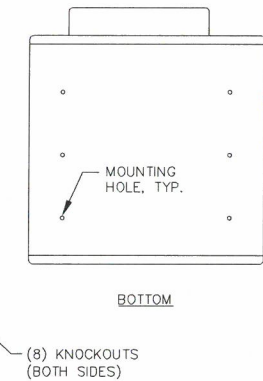
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JOB NO.: 17-046

**TENANT DETAILS**  
**CA-2**

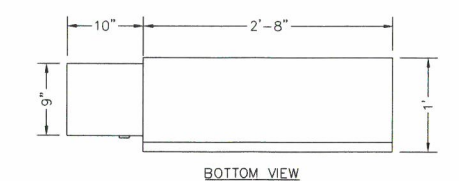
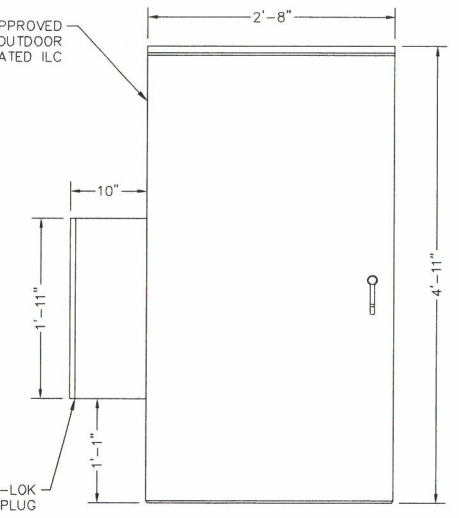


**H-FRAME DETAIL**  
SCALE: 1"=2' (22x34)  
1"=4' (11x17)

3  
CA-2



VERIZON APPROVED  
NEMA 3R OUTDOOR  
RATED ILC



(\*) NOTE: GC TO VERIFY ILC MODEL, LOCATION, AND MOUNTING WITH CM AND ADJUST ILC MOUNTING FRAME AS REQUIRED

|              |                           |
|--------------|---------------------------|
| MODEL        | AA300G-1PH-3R 240V 200AMP |
| MANUFACTURER | INTERSECT (*)             |
| SIZE (IN.)   | 59"Hx32"Wx12.3"D          |

**INTEGRATED LOAD CENTER (ILC) CABINET**  
SCALE: NONE

4  
CA-2