

# **ATTACHMENT 6**

**SITE EVALUATION REPORT**  
**KENT – Richard Rd. CT757**

**I. LOCATION**

- A. COORDINATES: 41° 42' 31.000"N  
73° 25' 13.710"W
- B. GROUND ELEVATION: 1345.5'± AMSL
- C. USGS MAP: USGS 7.5 quadrangle for Kent
- D. SITE ADDRESS: 93 Richards Road  
Kent, CT 06785
- E. ZONING WITHIN ¼ MILE OF SITE: Abutting areas to the north, south, east and west are zoned Rural District.

**II. DESCRIPTION**

- A. SITE SIZE: 6.821 Ac (Vol 94 - Page 579)  
LEASE AREA/COMPOUND AREA: 6,075 SF/3,600 SF
- B. TOWER TYPE/HEIGHT: A 154'+/- Monopole.
- C. SITE TOPOGRAPHY AND SURFACE: Subject site slopes and decreases from northeast to southwest.
- D. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The proposed compound is located in the eastern corner of a 6.821 acre residential parcel in an area used as an existing construction storage yard. To the north, east and west are residential properties. To the south is vacant land There are no wetlands located on the parcel. There are wetlands located off-site approximately 500' to the north.
- E. LAND USE WITHIN ¼ MILE OF SITE: Residential properties to the north, east and west. Vacant land is located to the south.

### III. FACILITIES

- A. POWER COMPANY: Eversource
- B. POWER PROXIMITY TO SITE: 1,060'±
- C. TELEPHONE COMPANY: Frontier
- D. PHONE SERVICE PROXIMITY: 1,075'±
- E. VEHICLE ACCESS TO SITE: Access to the proposed telecommunication facility will be along a proposed gravel access driveway (60'+/-) and existing varying width gravel access drive (Approx. 1,050'+/- total length).
- F. OBSTRUCTION: None.
- G. CLEARING AND FILL REQUIRED: Total area of disturbance is 16,025 sf.; 7 trees will need to be removed. The site improvements shall entail approximately 500 CY of cut for utility trenching and net 125 CY of excavation for the construction of the compound and access driveway. Approximately 100 CY of broken stone is needed for the compound and driveway construction.

### IV. LEGAL

- A. PURCHASE [ ] LEASE [X]
- B. OWNER: Jason & Jennifer Dubray
- C. ADDRESS: 93 Richards Road, Kent, CT 06785
- D. DEED ON FILE AT: Vol 94 - Page 579

**SITE B: 93 RICHARDS ROAD**  
**Facilities and Equipment Specification**

I. TOWER SPECIFICATIONS:

- A. MANUFACTURER: To be determined
- B. TYPE: Self-supporting monopole tower
- C. HEIGHT: 154' AGL  
DIMENSIONS: Tower structure tapered
- D. TOWER LIGHTING: None required.

II. TOWER LOADING:

- A. AT&T – up to 9 panel antennas
  - a. Model – TBD
  - b. Antenna Dimensions – approximately 96”H x 12”W x 9”D
  - c. Position on Tower – 150' centerline AGL
  - d. Transmission Lines – DC and Fiber lines internal to tower.
  - e. (18) Remote Radio Units on proposed antenna mounts
- B. Future Carriers – To be determined

III. ENGINEERING ANALYSIS AND CERTIFICATION:

The tower will be designed in accordance with American National Standards Institute TIA/EIA-222-G “Structural Standards for Steel Antenna Towers and Antenna Support Structures” and the 2012 International Building Code with 2016 Building Code Amendment. The foundation design would be based on soil conditions at the site. The details of the tower and foundation design will be provided as part of the final D&M plan.



## Site Impact Statement

**Site:** Kent – Richards Rd CT757  
**Site Address:** 93 Richards Road  
Kent, CT 06785

**Access distances:**

Distance of proposed gravel access driveway (60'+/-) to existing varying width gravel access driveway. (Approx. total length = 1,050'+/-).

**Distance to Nearest Wetlands**

There are wetlands located off-site approximately 500' to the north.

**Distance to Property Lines:**

90'+/- to the northern property boundary from the tower  
84'+/- to the southeastern property boundary from the tower  
1029'+/- to the southwestern property boundary from the tower

61'+/- to the northern property boundary from the compound  
41'+/- to the southeastern property boundary from the compound  
1002'+/- to the southwestern property boundary from the compound

**Residence Information:**

There are 4 single family residences within 1,000' feet of the compound. The closest off site residence is approximately 490 feet to the north and is located at Parcel 16/25/42 (79 Richards Road).

**Special Building Information:**

None.

**Tree Removal Count:**

7 trees need to be removed to construct the access driveway entrance and compound area.

6" – 10" dbh	2 trees
10" – 14" dbh	5 tree
14" or greater dbh	0 tree

**Cut/Fill:** The site improvements shall entail approximately 500 CY of cut for utility trenching and net 125 CY of excavation for the construction of the compound and access driveway. Approximately 100 CY of broken stone is needed for the compound and driveway construction.

**Clearing/Grading Necessary:** Total area of disturbance = 16,025+/- SF



## Tree Inventory

Feb. 4, 2020

Cuddy & Feder, LLP  
Attn: Lucia Chiocchio  
445 Hamilton Avenue  
14<sup>th</sup> Floor  
White Plains, NY 10601

RE: Tree Inventory  
Site: Kent CT757  
93 Richards Road  
Kent, CT 06785

Dear Ms. Chiocchio:

A Tree Inventory was completed at the subject site on Oct. 21, 2019 to determine the size and quantity of existing trees that will need to be removed for the installation of the proposed facility. The proposed site has suitable access, but clearing and earthwork will be required to improve the access driveway entrance and to construct the compound area. Installation of the proposed compound area and access driveway improvements will require the removal of 7 trees.

6" - 10" dbh	2 trees
10" - 14" dbh	5 tree
14" or greater dbh	0 tree

The area to be disturbed for construction of the compound area will be approximately 6,075 square feet of interior area that is currently vacant. A new access driveway entrance will be installed to connect to the existing gravel driveway. The total combined area of disturbance for compound, access drive, and utility improvements is 16,025 sf.

Sincerely,

ALL-POINTS TECHNOLOGY CORPORATION, P.C.

Robert C. Burns, P.E.  
Program Manager

