

ATTACHMENT 3

GENERAL FACILITY DESCRIPTION

Rose Hill Road

A-8/0/3/16

Branford, Connecticut

Owner: Paul Santa Barbara

2 Acre Parcel

The proposed site is an approximately 2 acre parcel with an address of 45 Rose Hill Road, access from Rose Hill Road and owned by Paul Santa Barbara. The property is currently used as part of a dumpster rental refuse and recycling services company.

The proposed telecommunications facility includes an approximately 3600 s.f lease area located in the southern portion of the parcel. The tower is proposed as a new self-supporting monopole 134' in height. AT&T would install up to twelve (12) panel antennas and related equipment at a centerline height of 130' above grade level (AGL) on the tower. The Town of Branford Police Department would install one 10' whip antenna and two dish antennas on a platform at the 115' level of the tower. The tower would be designed for future shared use of the structure by three other FCC licensed wireless carriers. The tower itself would have alternating bands of marking and two steady red lights at the top of the tower in accordance with FAA AC 70/7460-1K.

The tower compound would consist of a fenced 3,600 s.f. area enclosed by an 8' high chain link fence. An AT&T 11'-5" x 16' equipment shelter would be installed at the tower base on a concrete pad within the tower compound together with provisions for a fixed back-up power generator. Space for Town of Branford Police Department and other FCC wireless carrier equipment is included in the tower compound area. At the request of an abutting property

owner as part of the municipal consultations process, a row of evergreen trees along the southern fence line have been incorporated into the facility design.

Vehicle access to the facility would be provided from Rose Hill Road over a proposed 15' wide access easement from the frontage on Rose Hill Road nearest for the tower site. The gravel access drive will run across the parcel a distance of approximately 252' to the proposed tower compound and will include a 10' x 20' turn-around/parking area. Utility connections would be routed underground from an existing utility pole #37355 at Rose Hill Road.

SITE AND FACILITY DESCRIPTION

I. LOCATION

- A. COORDINATES: 41° 16' 22.96" N 72° 51' 22.57" W
- B. GROUND ELEVATION: 117.7'± AMSL
- C. USGS MAP: USGS 7.5 Quadrangle for Branford, CT
- D. SITE ADDRESS: 45 Rose Hill Road, Branford, CT 06405
- E. ZONING WITHIN ¼ MILE OF SITE: Abutting areas are zoned residential (R-4) to the north, south, and east. To the west and southwest is an open space parcel of land known as Beacon Hill Preserve.

II. DESCRIPTION

- A. SITE SIZE: 2 acres (VOL 628, PAGE 348)
- B. LEASE AREA/COMPOUND AREA: 3,600 s.f.
- C. TOWER TYPE/HEIGHT: A 134' Monopole with top of antennas and appurtenances not to exceed 140' AGL.
- D. SITE TOPOGRAPHY AND SURFACE: Subject site is a mostly cleared parcel occupied by a commercial use that includes dumpster storage, small buildings and commercial trucks.
- E. SURROUNDING TERRAIN, VEGETATION, WETLANDS, OR WATER: The proposed compound is located in the southwestern portion of a 2 acre mostly cleared parcel. Immediately to the west is a large undisturbed wooded area that is part of the Beacon Hill Preserve. There are wetlands off-site to the west (±138').
- F. LAND USE WITHIN ¼ MILE OF SITE: Single family residential, commercial/industrial and open space.

III. FACILITIES

A. POWER COMPANY: Connecticut Light and Power

B. POWER PROXIMITY TO SITE: 250'±

C. TELEPHONE COMPANY: Frontier

D. PHONE SERVICE PROXIMITY: 250'±

E. VEHICLE ACCESS TO SITE: Proposed 15' access easement to the site will be from Rose Hill Road, an existing public right of way (R.O.W.). The proposed driveway is ±252' long with a turnaround and parking space.

F. OBSTRUCTION: None known at this time.

G. AREA OF DISTURBANCE: Total area of disturbance is low and no trees will need to be removed.

IV. LEGAL

A. PURCHASE [] LEASE [X]

B. OWNER: Paul Santa Barbara

C. ADDRESS: 51 Rose Hill Road
Branford, CT 06405

D. DEED ON FILE AT: VOLUME 627, PAGE 349

FACILITIES AND EQUIPMENT SPECIFICATION

I. TOWER SPECIFICATIONS:

- A. MANUFACTURER: To be determined
- B. TYPE: Self-Supporting monopole
- C. HEIGHT: 134' AGL
DIMENSIONS: Approximately 5' in diameter at the base, tapering to approximately 3.5' at the top.
- D. FAA TOWER LIGHTING: An FAA beacon light is required per the FAA report attached.

II. TOWER LOADING:

- A. AT&T - up to 12 panel antennas
 - a. Model - Andrew SBNH-1D6565C or equivalent panel antenna
 - b. Antenna Dimensions - approximately 96"H x 12"W x 7"D
 - c. Position on Tower - 130' centerline AGL
 - d. Transmission Lines - MFG/Model: Commscope Aluminum; Size 1-5/8"
 - e. Remote Radio Heads & Surge Arrestor
- B. Future Carriers -Future wireless carriers to be determined.

III. ENGINEERING ANALYSIS AND CERTIFICATION:

The tower will be designed in accordance with American National Standards Institute TIA/EIA-222-F "Structural Standards for Steel Antenna

Towers and Antenna Support Structures” and the 2003 International Building Code with 2005 Connecticut 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 any final Siting Council Development & Management Plan.