



**SITE SAFE**  
RF COMPLIANCE EXPERTS

A BUSINESS OF FDH VELOCITEL

200 North Glebe Road, Suite 1000, Arlington, VA 22203-3728  
703.276.1100 703.276.1169 fax  
FAA@sitesafe.com www.sitesafe.com

## FAA Aeronautical Evaluation

Brookfield  
CT777

---

© 2015 Sitesafe, Inc. Arlington, VA

For more information contact:  
faa@sitesafe.com  
770.532.3255 phone  
703.276.1169 fax



**SITE SPECIFIC EVALUATION  
FOR**

Client Site Name: Brookfield  
Client Site Number: CT777  
Client Site Location: Brookfield, CT.

Client/Requestor Name: Eileen Tavalacci  
Company Name: Homeland Towers  
Address: 22 Shelter Rock Lane  
Address: Danbury Ct. 06810

Date: 12/3/15

*This is an evaluation based on application of surfaces identified in Federal Aviation Regulation (FAR) Part 77 and Federal Communication Commission (FCC) Rules Part 17.*

**EXECUTIVE SUMMARY OF FINDINGS**

- **The maximum height that can be built at this site without notice to the FAA is 200 feet AGL or 537 feet AMSL.**
- Maximum No Extended Study height at this site is 499 AGL, or 836 AMSL.
- Maximum No Hazard height at this site is 499 AGL, or 836 AMSL.
- Maximum no marking and lighting height at this site is 200 AGL, or 537 AMSL.

**SITE DATA SUBMITTED FOR STUDY**

Type of Structure:	Antenna
Coordinates of site:	Lat: 41° 27' 46.72"
	Long: 73° 23' 53.97"
	Datum: NAD 83
Site Ground Elevation:	337
Total Height above the ground of the entire structure (AGL):	176
Overall height of structure above mean sea level (AMSL):	513

*Note: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.*

## AIRPORT AND HELIPAD INFORMATION

Nearest public use or Government Use (DOD) facility is Danbury Municipal.

This structure would be located 6.6 NM or 40454 FT from the airport on a bearing of 214 degrees true to the airport.

Nearest private use facility is Danbury Hospital.

This structure would be located 4.0 NM from the helipad on a bearing of 211 degrees true to the helipad.

## FINDINGS

### **AM Facilities:**

*(The FCC protects AM transmission stations from possible electro magnetic interference for a distance of 3.0 km for directional facilities, and 1.0 km for non-directional facilities. Any antenna structures within these distances will most likely require a detuning evaluation of the site) (Sitesafe offers a full range of detuning services)*

For a free analysis of this site against the most current FCC data, go to our AM evaluation web site at <http://sitesafe.com>. A negative certificate can be generated, (on-line) if no conflict is found. If a conflict is found, our AM Detune department will contact you to review the findings.

This site was evaluated against the FCC's AM database, and is not within an AM transmission area.

### **FCC Notice Requirements:**

*(FCC Rules, Part 17)*

This structure does not require notification to the FAA or FCC based on these rules.

### **FAA EMI:**

*(The FAA protects certain air navigational aids and radio transmitters from possible electro-magnetic interference. The distance and direction are dependent on the type of facility be evaluated. Most of these transmission and receiver facilities are listed in the National Flight Data Center (NFDC) database.)*

This site would not affect any FAA air navigational aids or transmitters listed in the NFDC database.

### **Military Airspace:**

This structure will not affect this airspace.

*Note: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.*

**FAA Evaluation:**

FAR Part 77 paragraph 9 (FAR 77.9). Construction or Alteration requiring notice:  
*(These are the imaginary surfaces that the FAA has implemented to provide general criteria for notification purposes only.)*

This structure does not require notification to the FAA.

FAR Part 77 paragraph 17 (FAR 77.17). Standards for Determining Obstructions:  
*(These are the imaginary surfaces that the FAA has implemented to protect aircraft safety. If any of these surfaces are penetrated, the structure may pose a Hazard to Air Navigation.)*

This structure does not exceed these surfaces.

**MARKING AND LIGHTING**

*FAA Advisory Circular 70/7460-1*

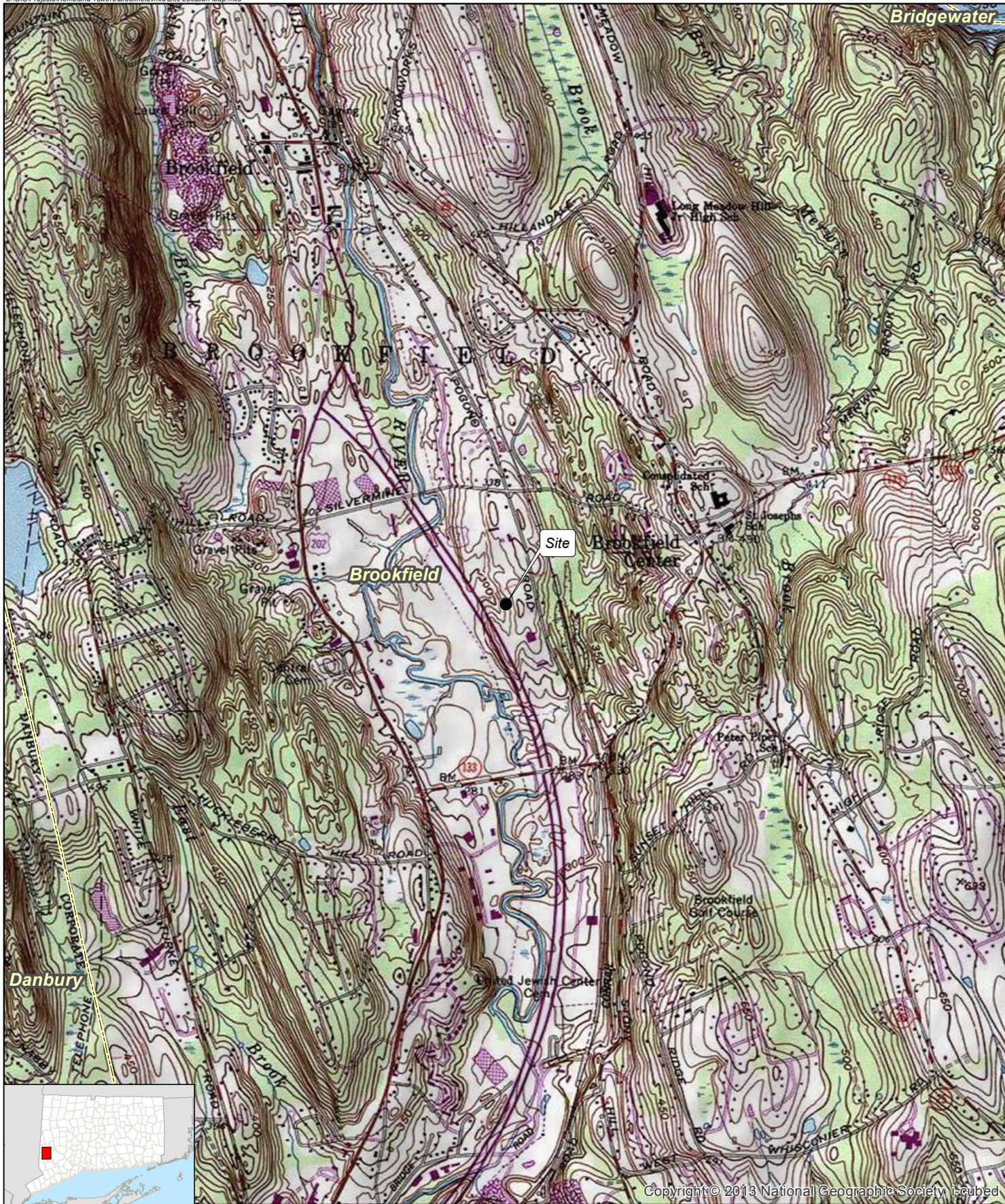
Marking and lighting is not required for this structure.

**RECOMMENDATIONS OR ACTIONS**

Sitesafe does not consider this site to be a hazard to air navigation as specified in FAR part 77.

*Note: This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.*



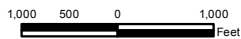


Copyright © 2013 National Geographic Society, I-cubed

**Legend**

- Site
- Municipal Boundary

**Map Notes:**  
 Base Map Source: USGS 7.5 Minute Topographic  
 Quadrangle Map, Danbury (1984), CT  
 Map Scale: 1:24,000  
 Map Date: October 2015



**USGS Topographic Site Location Map**

Proposed Wireless  
 Telecommunications Facility  
 Brookfield  
 100 Pocono Road  
 Brookfield, Connecticut

