

FAA Aeronautical Evaluation

Amtrak Stonington 3
CTNL813C
Rev 1

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**SITE SPECIFIC EVALUATION
FOR**

Client Site Name: Amtrak Stonington 3
Client Site Number: CTNL813C
Client Site Location: Stonington, CT.

Client/Requestor Name: Jamie Ford
Company Name: HPC Development for T-Mobile
Address: 35 Griffin Rd
Address: Bloomfield, CT. 06002

Date: 11/11/09

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 131 feet AGL or 182 feet AMSL.**
- Maximum No Extended Study height at this site is 230 AGL, or 287 AMSL.
- Maximum No Hazard height at this site is 310 AGL, or 361 AMSL.
- Maximum no marking and lighting height at this site is 200 AGL, or 251 AMSL.

SITE DATA SUBMITTED FOR STUDY

Type of Structure: Antenna

Coordinates of site:	Lat:	41° 21' 37.75"
	Long:	71° 51' 8.75"
	Datum:	NAD 83

Site Ground Elevation:	51
Total Height above the ground of the entire structure (AGL):	120
Overall height of structure above mean sea level (AMSL):	171

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 Westerly State.

This structure would be located 2.3 NM or 14035 FT from the airport on a bearing of 106 degrees true to the airport.

Nearest private use facility is Westerly Hospital.

This structure would be located 1.3 NM from the helipad on a bearing of 84 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.

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FAA Evaluation:

FAR Part 77 paragraph 13 (FAR 77.13). 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 23 (FAR 77.23). 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

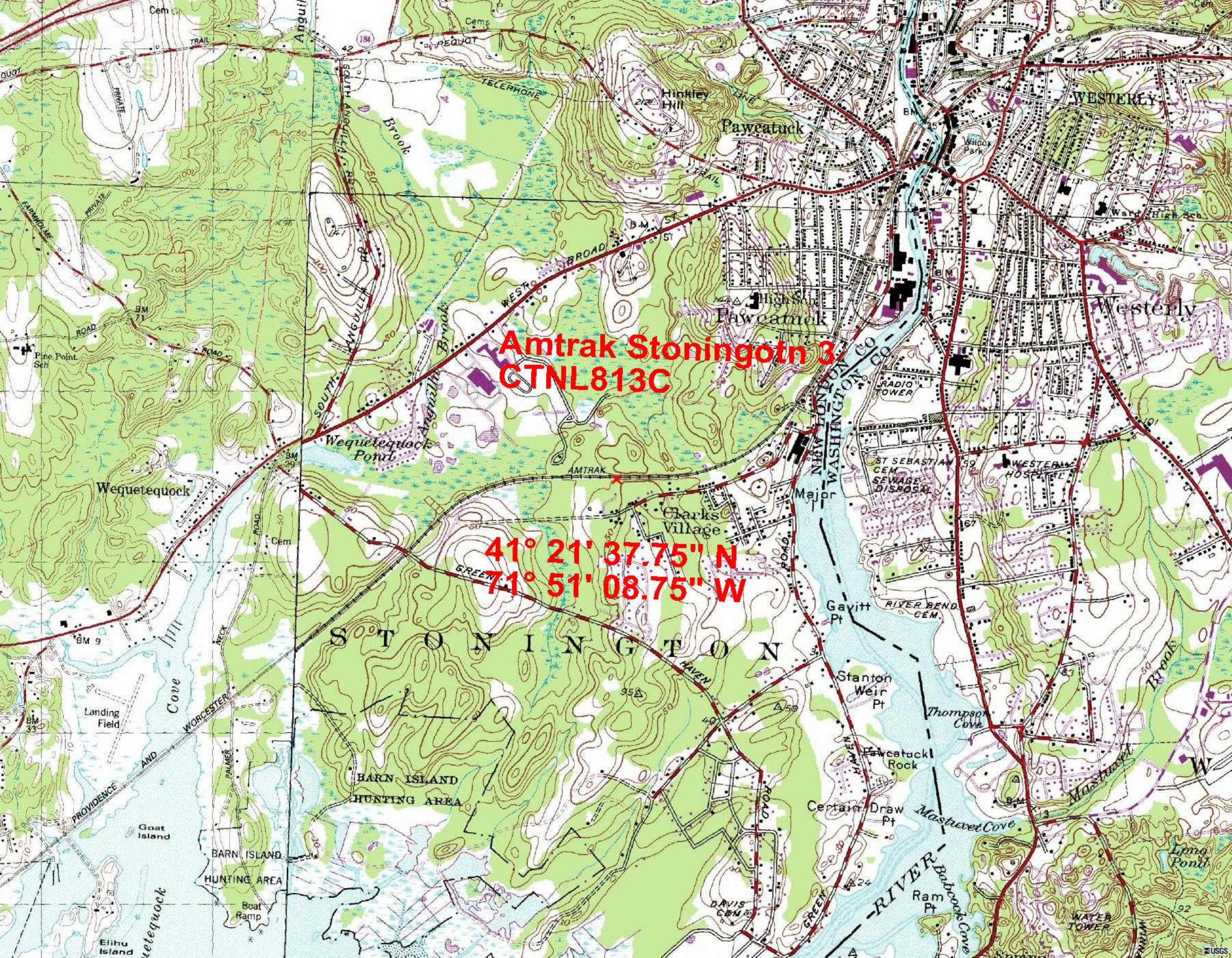
Sitesafe does not consider this site to be a Hazard to Air Navigation as specified in FAR part 77.

FAA Form 7460-1 accomplished.

State notification accomplished.

Date report valid as of 11/11/2009; report valid 60 days from this date.

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**41° 21' 37.75" N
71° 51' 08.75" W**

STONINGTON

**BARN ISLAND
HUNTING AREA**

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HUNTING AREA**

WESTERLY

Westerly

**WESTERLY
HOSPITAL**

**ST SEBASTIAN
CEM
SEWAGE
DISPOSAL**

Major

**Gavitt
Pt**

**Stanton
Weir
Pt**

**Thompson
Cove**

**Certain
Draw
Pt**

**Masthead
Cove**

**River
Ram
Pt**

**Masthead
Cove**

**Water
Tower**

**Long
Pond**

**Water
Tower**