

Kim DelNigro

From: Kristin Alexander
Sent: Friday, February 09, 2007 4:14 PM
To: Kim DelNigro
Subject: FW: proposed cell tower
Importance: High

-----Original Message-----

From: Mark Hald
Sent: Friday, February 09, 2007 4:09 PM
To: Kristin Alexander
Cc: Frank Widmayer; Robert Craig; Don Palma; Kevin Lyons; John Surette; Roland Bartl
Subject: RE: proposed cell tower
Importance: High

Currently, the only cellular tower location that holds Town communications equipment is Great Hill. Originally, our antennas were contained within the monopole. However, the resulting communication quality was so poor that our antennas had to be relocated to exterior of the adjacent lattice tower.

So, the answer to your question is "yes and no." Yes, they accomodated the request, but no, it did not work for us. We would, therefore, require that our antennas be mounted on the exterior of the monopole.

I recognize that the proposal is to replace the existing 120-foot lattice tower at 820 Main Street (Capizzi) with a like-height monopole cellular tower, however, if the new site is intended to ultimately replace the cellular site at 982 Main Street, I would suggest consideration be given to matching the height of the 982 Main Street cell tower, which I understand is 175 feet. When I reviewed the Planning Board minutes of November 28, 2006, I noticed a consultant posed the question of the tower being increased to the bylaw-maximum 175 feet. Without getting too technical about how antenna height is important to radio communications, an increase in height from 120 to 175 feet would potentially be beneficial for coverage (both public safety as well as the cellular carriers), reduce the visual impact of the external arrays and reduce electromagnetic interference with electronics in the immediate area.

Thank you for the opportunity to respond.

Mark

From: Kristin Alexander
Sent: Friday, February 09, 2007 9:39 AM
To: Mark Hald
Subject: proposed cell tower
Importance: High

Hi Mark:

Back on October 4, 2006, you sent Roland, Frank, and Don Palma an e-mail describing the communication equipment the Town will need on any new cell tower located in Town. Here is a link to the e-mail – please see page 7:

[http://doc.acton-ma.gov/dsweb/Get/Document-14458/Staff%20Comments%20for%20820%20Main%](http://doc.acton-ma.gov/dsweb/Get/Document-14458/Staff%20Comments%20for%20820%20Main%20Street)

2/9/2007

20Street.pdf

Are there any cell towers in Town that currently have this equipment on them for the Town? If so, where? I'm asking because the applicant for the 820 Main Street cell tower permit has responded to the request saying OK, but they wouldn't be able to build a stealth monopole (like the cell towers at Post Office Square) – they would have build a monopole with arrays coming off of it. So I just wanted to see if any of the stealth monopoles in the past have been able to accommodate your request.

If you can respond to this e-mail today, I'd greatly appreciate it.

Thanks!

Kristin