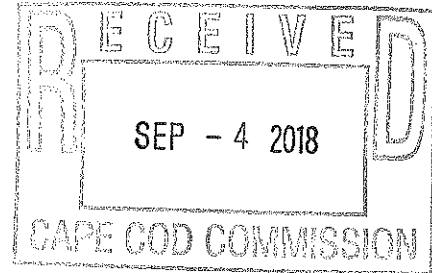


09/01/2018

Cape Cod Commission
P.O. Box 226
Barnstable, MA 02630



To Whom It May Concern :

The Red Brook Road community wishes to address the proposed tower project by Blue Sky Towers II at 101 Red Brook Road, Mashpee, MA 02649:

- Our community would be negatively impacted almost solely to serve the needs of neighboring New Seabury and adjacent neighborhoods.
- The Red Brook Road community derives no coverage benefit in the immediate area of the proposed tower as it lies in the proposed tower's coverage shadow.
- The proposed tower would be a net financial loss to the Town of Mashpee. The proposed tower rental revenue would be greatly offset by decreased property tax revenues from lower valuations of adjacent properties negatively impacted by the proposed tower. Furthermore, the Town of Mashpee would be the main defendant in any legal action by aggrieved property owners and liable for all financial burdens resulting from said legal actions.
- Blue Sky Towers II has thus far failed to fully comply with the National Environmental Policy Act of 1969, specifically section 1.1307 which includes providing impact studies and any necessary mitigation on:
 - Wilderness Area, Wildlife Preserve, Endangered Species, Historical Site, Indian Religious Site, Flood Plain, Wetlands, High Intensity White Lights in Residential Neighborhoods and Excessive Radiofrequency Radiation Exposure.
- The Telecommunications Act of 1996 specifically leaves in place the authority that local zoning authorities have over the placement of personal wireless facilities. It requires that denials be based on a reasoned approach. A common, reasoned approach for denial is based on failing to use existing structures within the general service area of the proposed tower that could be used in lieu of a new tower. Such structures do indeed exist for an alternative, viable project and serve as a basis for denial.
- With respect to facilities siting on state property, Section 704(c) of the 1996 Act requires the FCC to provide technical support to States to encourage them to make property, rights-of-way and easements under their jurisdiction available for the placement of new spectrum-based telecommunications services.

We have enclosed for review a viable project using existing structures which would be placed about ¾ mile south of the proposed site, identified by the Isotope, LLC report as the "middle of the area of poorest service.". Furthermore, the enclosed project would likely resolve the Popponesset coverage gap the Blue Sky Towers II project fails to accomplish.

We sincerely hope that this addition to the public record expresses all our collective concerns and enjoins the Cape Cod Commission to deny the Blue Sky Towers II project proposal.

Sincerely,

The Red Brook Road Community

Enclosure

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FROM: RED BROOK ROAD ASSOCIATION
1 BROADWAY
CAMBRIDGE, MA 02142

NEW SEABURY OUTDOOR DISTRIBUTED ANTENNA SYSTEM (ODAS) PROPOSAL

PREPARED FOR THE PENINSULA COUNCIL, INC.



DISCLAIMER

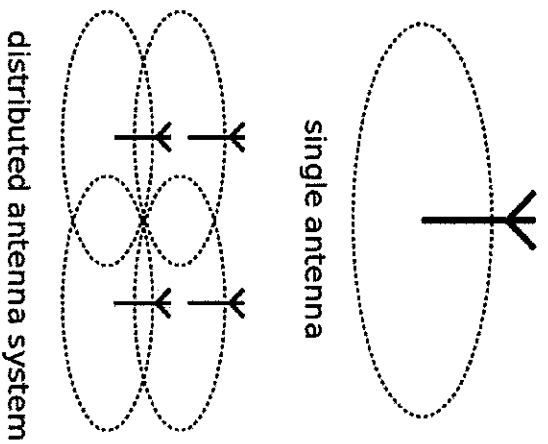
- To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however, we do not assume any liability whatsoever for the accuracy and completeness of the information contained herein.
- All information contained herein is strictly confidential and to be utilized only by The Peninsula Council, Inc. for the express purpose of evaluating this proposal. No information contained in this document will be released to the media or made public by any method without the express permission of the author.

BACKGROUND & CONDITIONS

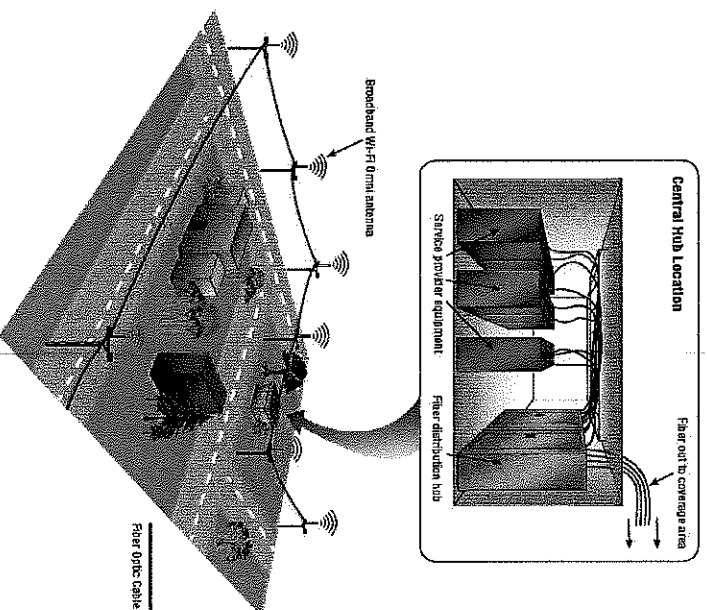
- The proposed ODAS project (Project) serves as an alternative to the proposed macro site at 101 Red Brook Road, also known as Mashpee Fire Station 2.
- The Project will fulfill the wireless coverage gap in New Seabury and surrounding areas.
- The Project will make use of existing infrastructure as much as possible and only add infrastructure which can avoid or substantially mitigate any regulatory review.
- The Project is amenable to the surrounding community and other relevant parties as a good compromise.
- The Project can be completed in a timely manner.

ODAS SIGNAL PROPAGATION AND PROCESSING

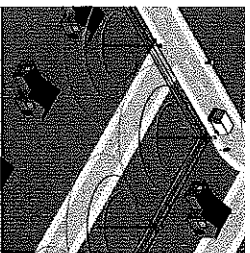
Macro Site vs. ODAS



Outdoor Distributed Antenna System

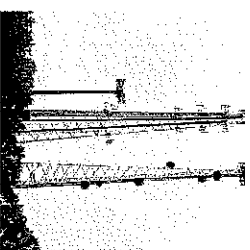


ODAS VS MACRO SITE PROPOSAL



ODAS

- Visually appealing
- Low power antennas
- Quick deployment
- Superior performance
- Scalable and flexible
- Next generation “5G” ready
- Possible light pole upgrades at no cost to residents

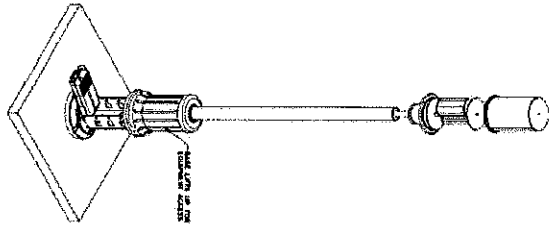


Macro Site

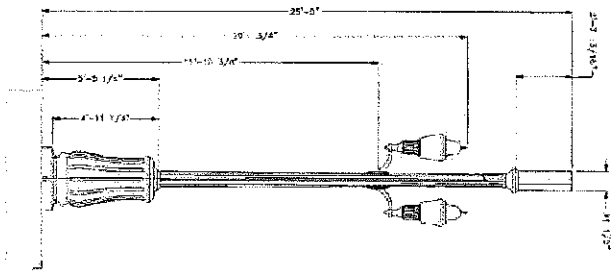
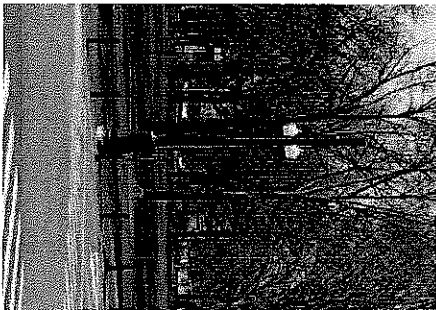
- Poor aesthetics/Visual pollution
- High power antennas
- Slow deployment requiring multiple approvals
- Not scalable or flexible to suit the local topography or terrain
- Sub-optimal for “5G” networks
- Limited input on project

LIGHT POLE ANTENNA APPEARANCE AND CONCEALMENT

Concealed alternative to utility pole mounted antenna

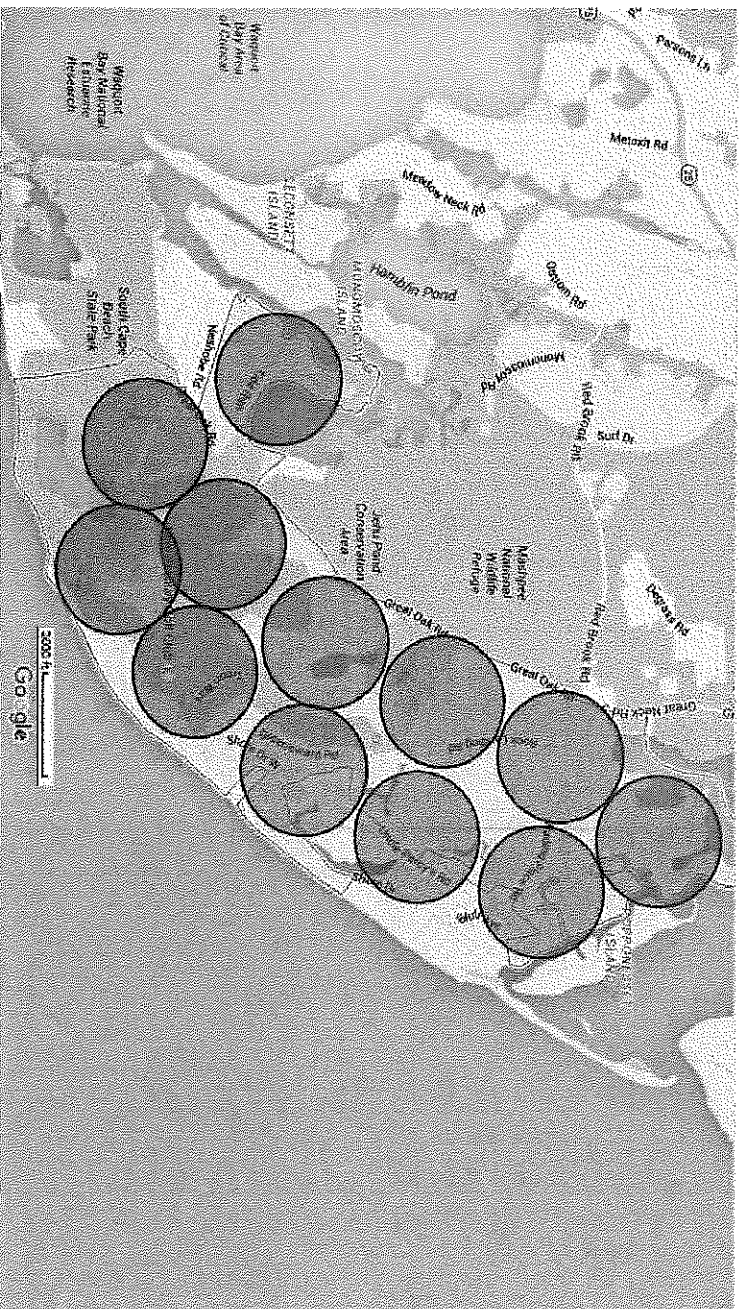


Custom light poles can be fabricated to meet ARC guidelines



ANTENNA PLACEMENT AND COVERAGE

- Approximately 12 antenna nodes should provide adequate coverage and capacity based on demographic analysis.
- Additional nodes can be added to the network outside New Seabury to meet additional coverage requirements by carrier(s).
(Shaded areas represent optimal coverage. Actual coverage would include all of New Seabury and beyond.)



SUMMARY, TAKEAWAYS AND NEXT STEPS

- The proposed ODAS project is the best solution to the wireless coverage gap the neglected residents of New Seabury have suffered with for far too long. The ODAS project best suits the safety, prosperity and happiness of New Seabury residents and their guests.
- The Peninsula Council has the ability to recommend the ODAS project. Community residents will bear no costs related in any way to the project and possibly reduce costs on light pole replacements.
- Next steps begin with discussions on easements which will be determined by Peninsula Council rules and procedures at their convenience.