

Infrastructure & Energy Committee

Minutes, November 25, 2019

20 JUN 28 2019 9

BARNSTABLE
TOWN OFFICE

Infrastructure & Energy Committee Members

Boyle, John – Vice Chair
Alessi, Alison
Peterson, Christopher
Starr, Gordon
Vannier, Derek

Others in Attendance

Mark R. Marinaccio, AIA, Town Architect
Britt Beedenbender, Town Councilor
Cindy Dabkowski, Administrative Assistant

Call to Order

John Boyle called the November 25, 2019 meeting of the Infrastructure & Energy Committee (IEC) to order at 5:05PM. The meeting was held in the DPW Conference Room located at 382 Falmouth Road, Hyannis.

Approval of Minutes

Approval of October 7, 2019 minutes postponed until January 13, 2020 Infrastructure and Energy Committee meeting.

New Business

Mark R. Marinaccio, AIA, Town Architect provides overview of the architectural services provided by Town Architect and staff. Architectural services are public building design, and project management of public buildings, architectural support to horizontal and marine projects, as well as architectural assistance to various Town departments with large and small scale construction / renovation projects. (See PowerPoint presentation attached)

Committee members discussed their interest in supporting a policy that would emphasize energy efficiency when developing Town building projects. The committee would like to see project alternatives that maximize net saving considered at the design and permitting stage. The committee believes the result will be dramatically reduced operating and maintenance costs over the life expectancy of said Town buildings.

Old Business

The committee discusses and agrees to cancel the December 9, 2019 and December 23, 2019 meetings of the IEC. Members agree to return to normal schedules in January 2020.

Upcoming Meetings

January 13, 2020	February 10, 2020	March 9, 2020
January 27, 2020	February 24, 2020	March 23, 2020

Adjourn

Motion moved by Christopher Peterson to adjourn the meeting of the Infrastructure and Energy Committee at 7:05 PM, 2nd by Derek Vannier. All in Favor. Motion passes unanimously.

TOWN OF BARNSTABLE

**NOTICE OF MEETINGS OF TOWN DEPARTMENT AND ALL TOWN BOARDS
As Required by Chapter 28 of the Acts of 2009, amending MGL Chapter 30A**

Infrastructure and Energy Committee

Revised Agenda original posted 11/15/19 at 10:41AM with Town Clerk

DATE OF MEETING: November 25, 2019

TIME: 5:00 PM

PLACE: DPW Conference Room, 382 Falmouth Road, Hyannis

TOPICS FOR DISCUSSION:

Call to order

Approval of minutes

October 28, 2019

New Business:

Guest Speaker will be Mark R. Marinaccio, AIA, Town Architect – Town’s Energy plan regarding new & existing buildings.

Communications from Committee Members:

Peter Doyle:

John Boyle:

- Proposed Change to the Town Council Strategic Plan to address climate disruption
- Observations on Mass Energy Insight Database & Green Communities

Alison Alessi:

- Update on draft bylaws dealing with the ban of single use plastic bottles in the municipal setting (request from Karla)
- Update on Vineyard Wind Resiliency Fund

Chris Peterson:

- Update on Styrofoam bans in other towns

Derek Vaffiler:

Rob Wilson:

Britt Beedenbender, Town Council Liaison:

- Update on Town Council Status
- Update on the DPW Wastewater Treatment Plan

Old Business:

Discussion of 810 Wakeby Road Solar Project

Future Guest Speaker:

Lisa Sullivan, Green Communities Coordinator for the Southeast Region

Matters not reasonably anticipated by the Chair

Next Meeting:

December 9, 2019 at 5:00PM | Department of Public Works conference room | 382 Falmouth Road, Hyannis

BARNSTABLE TOWN CLERK

2019 NOV 21 AM 9:05

Infrastructure & Energy Committee

DRAFT Minutes, October 28, 2019

Infrastructure & Energy Committee Members

Boyle, John – Vice Chair
Peterson, Christopher
Starr, Gordon
Vannier, Derek
Wilson, Rob

Others in Attendance

Cindy Dabkowski, Administrative Assistant

Call to Order

John Boyle called the October 28, 2019 meeting of the Infrastructure & Energy Committee (IEC) to order at 5:10PM. The meeting was held in the DPW Conference Room located at 382 Falmouth Road, Hyannis.

Approval of Minutes

John Boyle asks for motion to approve minutes of October 7, 2019. **MOTION** moved by Rob Wilson, to approve the Minutes of the October 7, 2019 meeting of the Infrastructure and Energy Committee as written. Derek Vannier 2nd the motion: All in favor, the Minutes of the October 7, 2019 meeting of the Infrastructure and Energy Committee are approved as written.

Old Business

IEC members review and discuss the Ground Mounted Solar Overlay District 810 Wakeby Road Marstons Mills email from an abutter Anne Salas. (See attached). Peter Doyle had sent a letter, dated Oct 16, 2019, to the Town Council with the IEC recommendations. The IEC discusses their letter of support and the scheduled planning board meeting for the Ground Mounted Solar Overlay District 810 Wakeby Road, Marstons Mills. At this point this project is before the Planning Board and there is no action required from the IEC.

The IEC discuss how to move forward in support of a Municipal Plastic Bottle Ban. John Boyle will ask Allison to contact Carla Cabral for language used in



John Boyle reports Vineyard Wind is still committed to their offshore wind turbine project even though there is currently a delay.

Christopher Peterson reports he has not been able to contact David Gorrill, Environmental Club Advisor at the High School. It was agreed to focus our attentions elsewhere at this point in time.

Christopher Peterson would like the committee to consider moving forward in support of a Town wide Styrofoam ban. Chris will research to find out if any other Towns have banned Styrofoam and report back to the committee.

Derek Vannier reports there is nothing new to report on recycling right now. He noted that the Town cannot make changes within a contract period. He will continue to work on a PowerPoint presentation.



Rob Wilson reports he will continue drafting a letter to P.J. Kelliher informing him of the IEC's desire to assist with posters, training, and support at the Recycling Center. He also reported that he would not be able to attend the November meeting.



Energy Committee Meeting

Department of Public Works
November 25, 2019

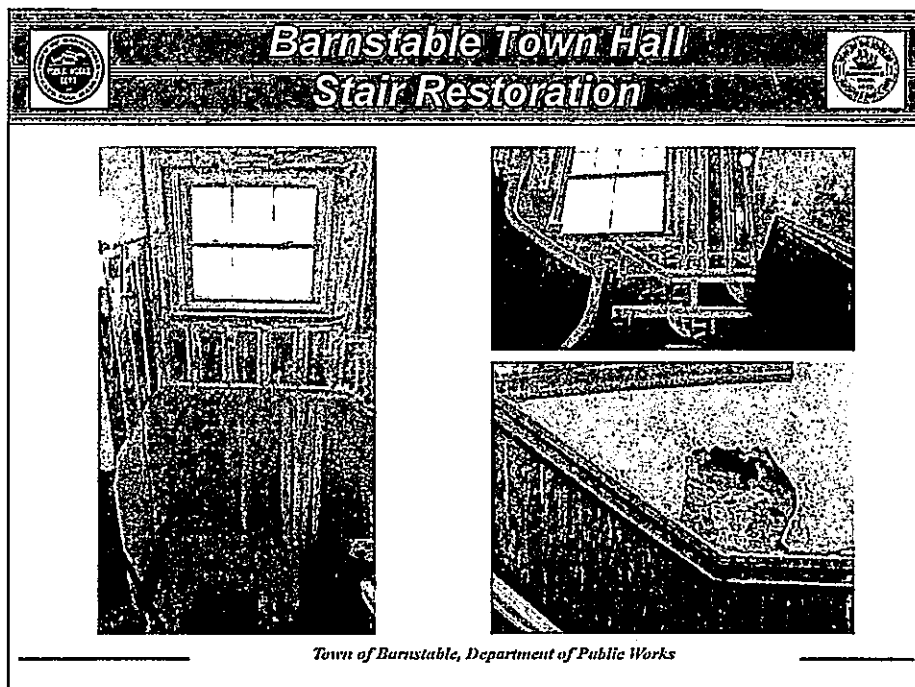
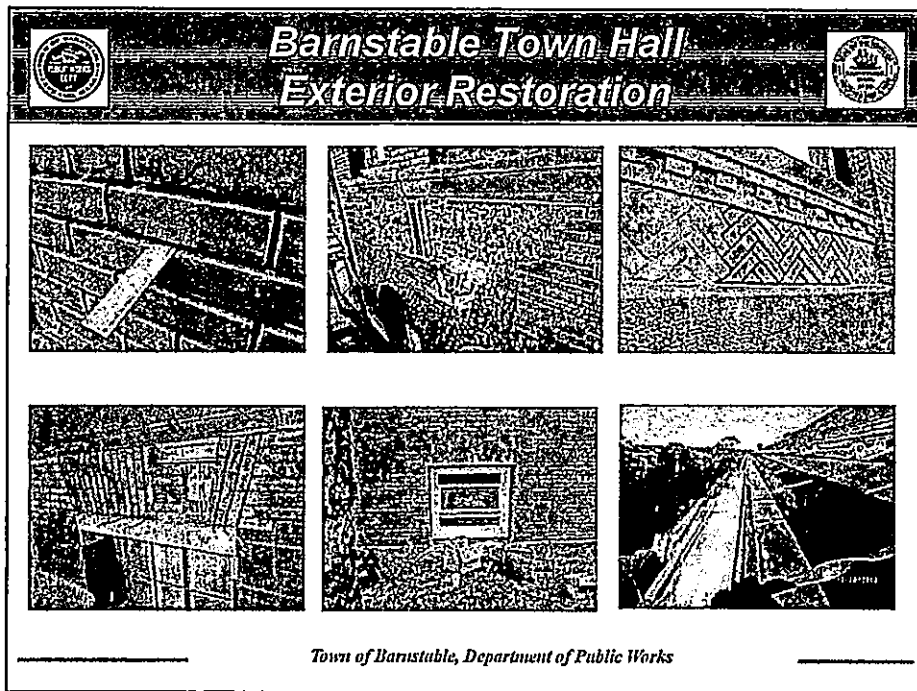
Town of Barnstable, Department of Public Works

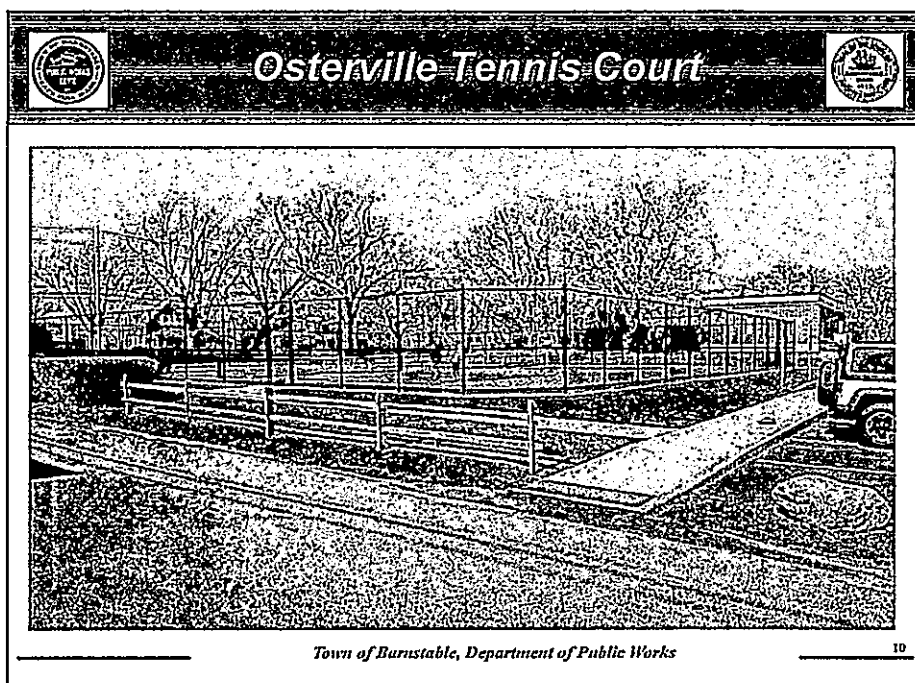
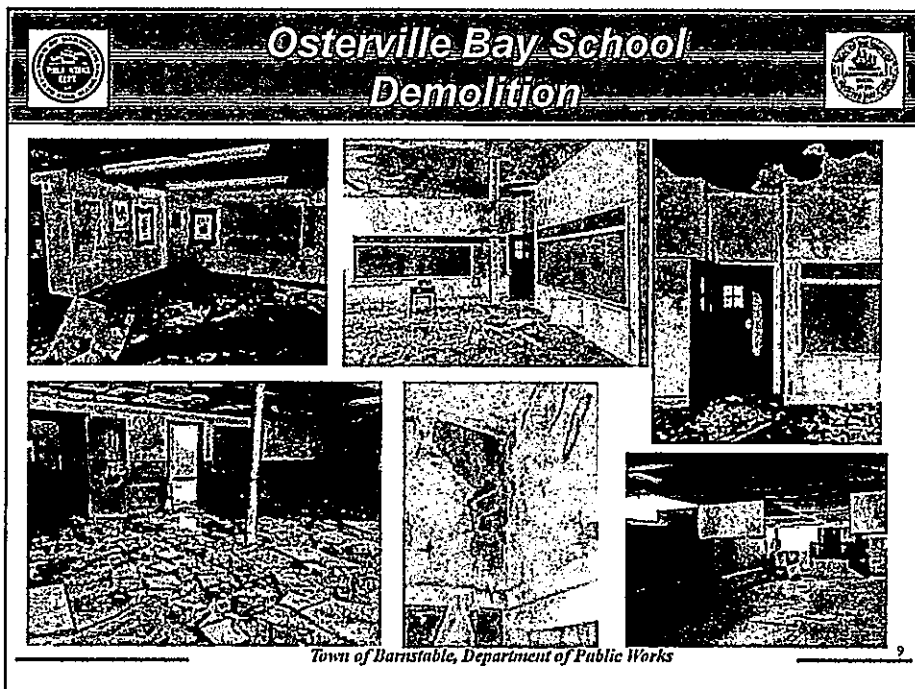


Town Architect

- *The Town Architect, and his staff provide architectural services, design, and project management of public buildings, assist the Town Engineer with horizontal and marine projects, while assisting various Town departments with large and small scale construction / renovation projects.*
- *Staff: 2 full time and 1 part time Architect, 1 Owner's Project Manager, One Draftsperson, 1 Administrative Assistant*
 - *Exterior envelope improvements / repairs*
 - *Historic Preservation Projects*
 - *School Department Projects*
 - *Public Works Projects*
 - *Mechanical systems upgrades*
 - *Building Demolition / Rehabilitation*
 - *Asbestos Abatement*
 - *Interior renovations*
 - *Bathhouses*
 - *Town Offices*
 - *Horizontal Projects*
 - *Dredging*
 - *Field Construction*
 - *Recreation Spaces*

Town of Barnstable, Department of Public Works





Barnstable Town Hall Mechanical Upgrades



In FY16 Town Council appropriated \$887,353.00 for replacement of the steam heating system and controls at Town Hall.

During investigation it was discovered that the mechanical issues at Town Hall are more extensive, and that replacement of the steam heat system with a hot water system would not solve all of the issues.

Currently unconditioned air is distributed throughout the building. Moisture condenses on cool equipment and poorly insulated piping creating condensation and mold.

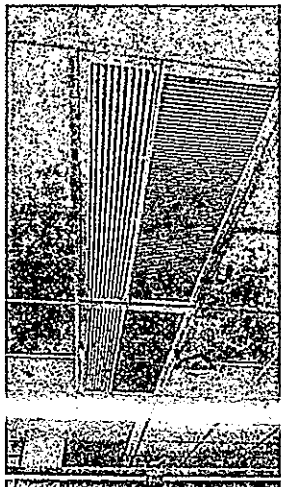
Engineers completed a engineering economic analysis for the heating system at Town Hall.

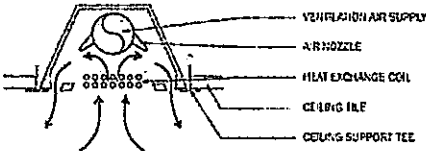
Life cycle analysis revealed that an induction unit system (beam system) would be most economical to run. This type of system would reduce noise and mechanical maintenance throughout the building. Conditioned makeup air and new insulated piping would eliminate condensation.

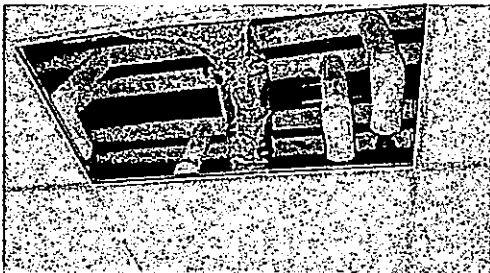



Town of Barnstable, Department of Public Works

Barnstable Town Hall Mechanical Upgrades







Town of Barnstable, Department of Public Works

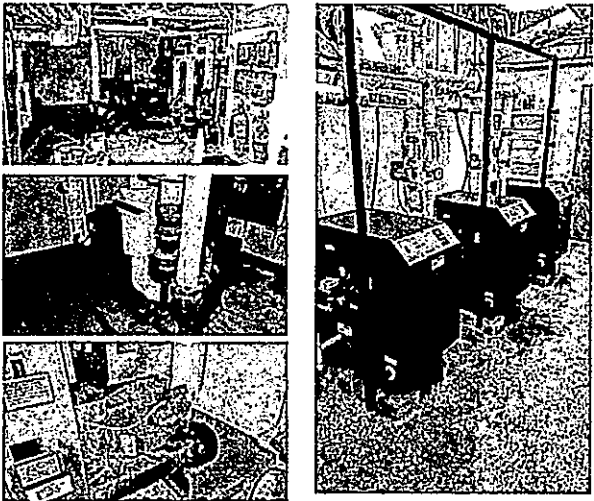
SAB Mechanical Upgrades

In FY19 Town Council appropriated funds for mechanical front end improvements to the School Administration Building.

- New modulating boilers
- New sprinkler pumps
- New chiller & compressor
- New water heater
- Handicapped bathroom upgrade
- Fire code and egress improvements
- Gas line relocation
- Electrical Improvements
- Limited hazardous materials abatement

Future Work

- Unit ventilator replacement
- Elevator upgrade
- Standby emergency generator



Town of Barnstable, Department of Public Works

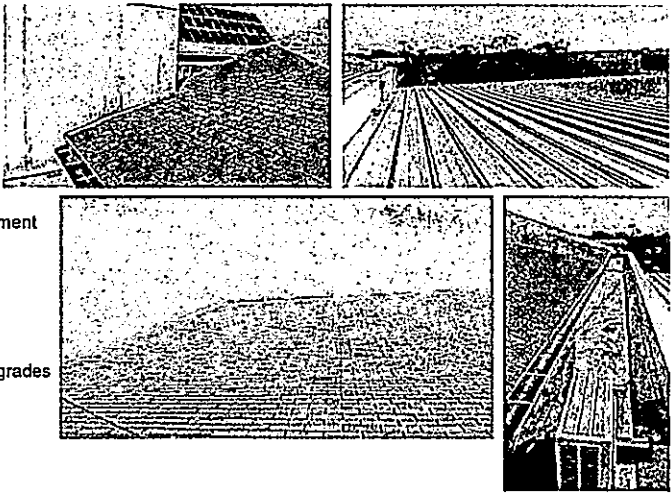
HYCC Improvements

In FY19 Town Council appropriated funds for HYCC repairs

- Shingle Roof replacement
- Flat roof repair
- Flashing repairs
- HVAC controls

Future work

- HVAC roof top unit replacements and upgrades



Town of Barnstable, Department of Public Works