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# Town of Nantucket Public Works Facility Feasibility Study

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Update Presentation  
December 06, 2017

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# Town of Nantucket Public Works Facility

## **Agenda**

- Overall review of existing facility
  - Summary of programming assessment & total project costs
  - Conceptual alternative summary
  - Benefits of a new facility
  - Questions / comments
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Town of Nantucket  
Public Works Facility

## **Existing Site & Substandard Facilities**



# Town of Nantucket Public Works Facility

**EXISTING SITE**



EXISTING DPW  
SITE PLAN  
05/20/15



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# Town of Nantucket Public Works Facility

EXISTING SITE



## Summary of Deficiencies

- Undersized facilities
- Unsafe working conditions due to limited space
- Many buildings have exceeded their useful life
- Code issues in work spaces (building code, plumbing code, mechanical code)
- High value equipment stored outdoors due to inadequate space

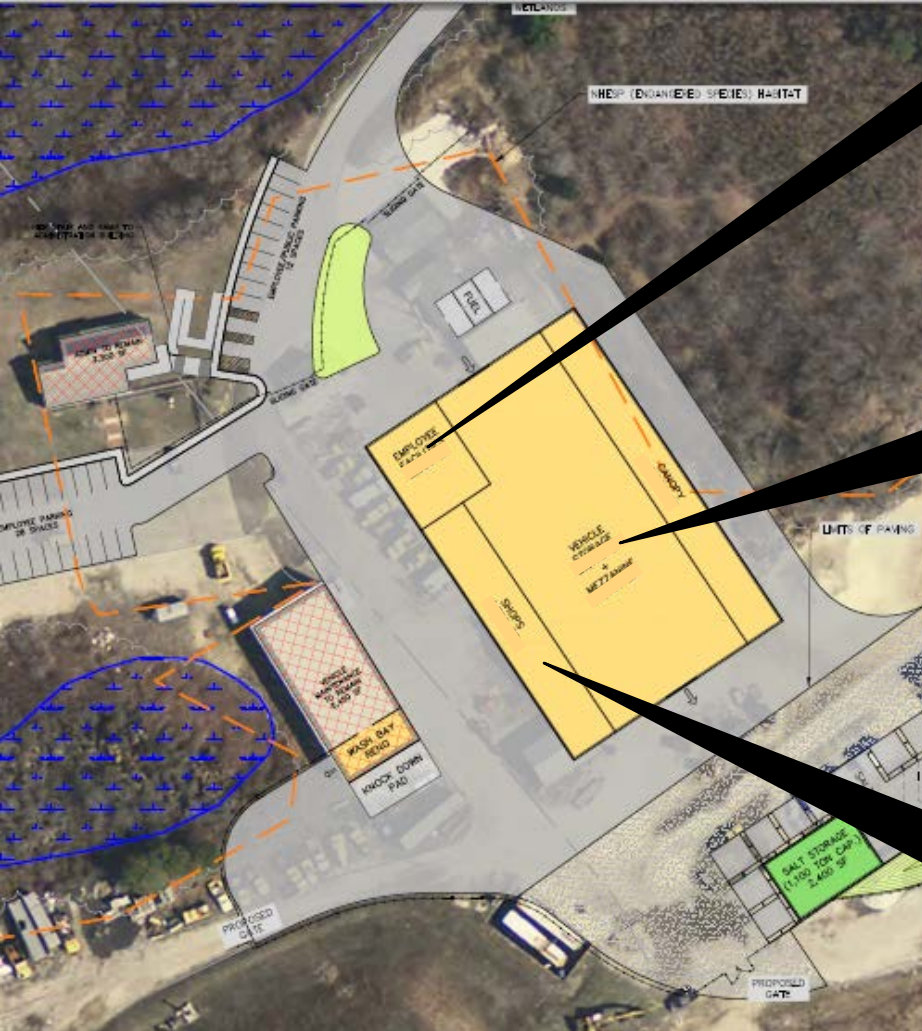
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**Programming Process |**

- The consultant attended several meetings with Town staff to identify program requirements (space needs)
- Conduct a site walk to inspect existing facilities
- Prepared programming sketches for each operating area
- Reviewed/Revised with new Director and Building Committee input

# Town of Nantucket Public Works Facility

## Conceptual Plan



## Employee Facilities



## Vehicle/Equipment Storage



## Trade Shops



# Town of Nantucket Public Works Facility

## Programming Results |

<u>Space Needs Assessment</u>	<u>Original Facility Program</u>	<u>Revision #1 Facility Program</u>	<u>Revision #2 Facility Program</u>	<u>Revision #3 Facility Program</u>
Administration / Office Support	-- (Keep Existing)	-- (Keep Existing)	-- (Keep Existing)	-- (Keep Existing)
Employee Facilities / Staff Support	4,300 SF	3,000 SF	3,570 SF	3,570 SF
Workshops	4,250 SF	4,800 SF	4,930 SF	4,930 SF
Vehicle Maintenance	4,950 SF	-- (Keep Existing)	-- (Keep Existing)	-- (Keep Existing)
Wash Bay	1,500 SF	1,250 SF	--	--
Vehicle & Equipment Storage	<u>18,612 SF</u>	<u>20,175 SF</u>	<u>17,765 SF</u>	<u>17,765 SF</u>
<b>Subtotal:</b>	<b>33,612 SF</b>	<b>29,225 SF</b>	<b>26,265 SF</b>	<b>26,265 SF</b>
Covered Canopy Storage	5,940 SF	5,625 SF	5,610 SF	5,610 SF
<b>Estimated Total Project Cost</b>	<b>\$25,765,580</b>	<b>\$20,767,043</b>	<b>\$18,504,264</b>	<b>\$15,257,269</b> Reduced Site / Systems Scope



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## **Value Engineering / Possible Cost Reduction Measures**

- Limit the amount of sitework / paving to the perimeter of the buildings (no driveway improvements or full site repaving)
  - Salt storage structure to be relocated by Town/DPW forces (not recommended)
  - Existing fuel system to be relocated by Town (not recommended)
  - Do not enclose canopy (3 sided with open front capable of being enclosed in the future)
  - Consolidated / reduced building size by combining program into a single building footprint
  - Use of less expensive mezzanine space for material storage
  - Eliminate renovations for a wash bay (not recommended)
  - Site work to be completed by Town/DPW forces (not recommended)
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# Town of Nantucket Public Works Facility

## What are the benefits |

What will an improved / code compliant facility do for the DPW & community.....

- Code compliant and safe, positive work environment for Town employees
- Long-term protection of the Town's multi-million dollar investment in vehicles and equipment adding value by increasing the life-cycle and delaying the costs to replace them.
- More efficient work space and work day start times
- Minimize or eliminate the need to warm up and idle vehicles for extended time before using them saving fuel usage long-term.
- In-house training space.



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**Questions?**

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