



HULL CONSERVATION COMMISSION

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October 22, 2013

Members Present: Sheila Connor, Chair, Paul Paquin, John Meschino, Paul Epstein, Max Horn, Elizabeth Fish

Members Not Present: Sean Bannen

Staff Present: Anne Herbst, Conservation Administrator
Ellen Barone, Clerk

7:30pm Chair Connor called the meeting to order

Minutes: Upon a **motion** by P. Epstein and **2nd** by M. Horn and a **vote** of 6/0/0;
It was **voted** to: Approve the Minutes of October 8, 2013

7:40pm 70 B Street, Map 17/Lot 017 (SE-1231) Opening of a Public Hearing on the Notice of Intent filed by Michael Taylor for work described as repave existing driveway.

Applicant: Michael Taylor

Documents: Photographs of site, assessors map 17 with notations

Mr. Taylor presented the project that is to include removing and repaving an existing driveway. The side property line will be staked by the adjacent homeowner. The new paving will extend only to the property line and not to the existing fence. The area between the driveway and the fence will be filled with gravel or similar material. Mr. Taylor stated that they are also proposing to remove the asphalt berm in the street area and the sidewalk to provide a continuous level of pavement.

Special Conditions were added as follows:

- No work can begin until the property monuments are in place and have been reviewed by the Conservation Administrator.
- New paving is not permitted on the neighboring property. Where paving on the neighboring property is removed the replacement must be gravel or similar pervious material.
- Work on town property including the street and sidewalk must receive approval from the town DPW prior to any work.
- Upon a **motion** by P. Epstein and **2nd** by M. Horn and a **vote** of 6/0/0;
It was **voted** to:
Close the Public Hearing and **approve** the project. The Order of Conditions was **signed**.

7:50pm 96A Atlantic Ave, Map 53/Lot 050 (SE-1228) Opening of a Public Hearing on the Notice of Intent filed by Susan & Paul Garrity for work described as repave existing driveway.

Owner/Applicant: Susan Garrity

Abutters/Others: Nicole Garrity, Mike Balaschi

Documents: 96 A Driveway Plan with notations

Ms. Garrity presented the project that is to repave an existing driveway that sustained damage during past storms. Ms. Garrity submitted a new plan showing the actual area to be paved marked in red.

- Upon a **motion** by P. Epstein and **2nd** by M. Horn and a **vote** of 6/0/0;
It was **voted** to:

Close the Public Hearing and **approve** the project. The Order of Conditions was **signed**.

7:52pm 68 Clifton Ave, Map 32/Lot 062 (SE-1230) Opening of a Public Hearing on the Notice of Intent filed by Tim Doherty for work described as coastal bank stabilization and seasonal stairs.

Owner: Tim Doherty

Representatives: David Ray, Nantasket Survey Engineering, Stan Humphries, LEC

Documents: Existing and Proposed Conditions Plan – Nantasket Survey Engineering – dated 10/02/2013
Coastal Bank Planting Plan – LEC Environmental Consultants – dated 9/26/2013

Mr. Ray presented the project that is to include construction of a “rip rap toe” to provide stabilization on a coastal bank that is currently showing signs of erosion. The toe will be constructed utilizing 3 ton stone and placed by a crane from the property above. The coastal bank will be planted with native species above the rip rap. Removable stairs will be constructed using driven piles or helical piles that will be installed from above. The stairs will be removed in the winter. The stairs will be elevated 3’ off the ground.

The Commission asked if other alternatives had been considered. Mr. Ray and Mr. Humphries stated that they had considered other options and feel that this design is best. It is their opinion that a soft solution (i.e. planting) would fail. The Commission expressed concern that vegetation and trees have been cut down and left on the bank. Mr. Doherty stated that this was done by the previous owner.

Mr. Humphries stated that invasive species of vegetation and tree stumps will be removed by hand. Shrubs will be cut, better soil will be added and new native species will be planted.

The Commission expressed concern that with the proposed slope of the rip rap being 1.5 to 1 that would make the proposed width approximately 19.5 feet. The plans do not indicate a change in the footprint of the bank. The plans also appear to show a vegetated bank that would be almost vertical. Mr. Ray stated that the proposed rip rap will extend to elevation 13 and that with a 100 year storm flooding would be 3’ above the top of the stone. Mr. Ray stated that it may be necessary to cut back the top of the bank to achieve the proper slope. The proposed plan indicates that the wall extends to each side of the property lines. The rip rap must be transitioned to end 10 feet before the eastern side of the property where there is no existing wall or revetment to avoid causing erosion to the abutting property. The Commission also questioned what the final rip rap would look like. Without a section indicating details, it was unclear how the rip rap would be constructed. How would the stones be placed? Mr. Ray stated that it may be smooth in some areas and curve out in some. The Commission requested that Mr. Ray view the newest revetment on Nantasket Beach to use as a comparison of rip rap types. The Commission also expressed concern that the plans indicates two right hand turns in the rip rap and asked what effect this would have on wave action and erosion.

The LEC report states that there will be a loss of sediment to the coastal beach although no beach nourishment plan was provided. The Applicant was requested to submit a calculation for annual sand nourishment that is necessary to replace the amount of sediment that will be lost due to armoring the bank.

The Applicant was requested to provide the following:

1. Show sections with details of the slope for the rip rap, including a section at the narrowest area of the bank.
2. Correct the scale of the LEC plan.
3. Transition the end of the rip rap 10’ from the property line on the eastern side.
4. Show the high tide line on the plan.
5. Make the velocity zone indication more prominent on the plans.
6. Correct the total square footage of the resource areas to be altered.
7. Stake out a line with flags to indicate the height of the rip rap.
8. Provide a calculation for sand nourishment.

- Upon a **motion** by P. Epstein and **2nd** by M. Horn and a **vote** of 6/0/0;
It was **voted** to:
Continue the Public Hearing to November 12, 2013 at a time to be determined.

8:40pm 106 Cadish Ave, Map 14/Lot 098 (SE-1229) Opening of a Public Hearing on the Notice of Intent filed by Jeanne O’Gorman for work described as in-ground pool and landscaping.

Owner/Applicant: Jeanne O’Gorman

Representative: David Ray, Nantasket Survey Engineering

Documents: Existing Conditions Plan – Nantasket Survey Engineering – dated 7/29/2013

Proposed Conditions Plan – Nantasket Survey Engineering – dated 6/06/2013

Proposed Site Improvements – Guerrini Landscape – dated 8/28/2013

Mr. Ray presented the project that is to include the construction of an in-ground pool and landscaping. A portion of the existing curved driveway will be removed and replaced with vegetation. A brick patio area will be removed. The apron around the pool will be stamped concrete then transition to porous pavers. New walkways will also be constructed with pavers. The area of the pool is level and no changes to grades are proposed.

- Upon a **motion** by P. Epstein and **2nd** by M. Horn and a **vote** of 6/0/0;
It was **voted** to:
Close the Public Hearing and **approve** the project. The Order of Conditions was **signed**.

8:55pm N. Truro Street, nearest Map 47, Lot 22 (SE35-1216) Continuation of a Public Hearing on the Notice of Intent filed by William Horne for work described as extend roadway.

The applicant requests a continuance to November 12, 2013.

- Upon a **motion** by P. Epstein and **2nd** by M. Horn and a **vote** of 6/0/0;
It was **voted** to:
Continue the Public Hearing to November 12, 2013 at a time to be determined.

Other Business:

N. Truro update – CEI has completed their peer review. The Commission received a copy for their review. A conference call will be made between Mr. Nyman, A. Herbst and the applicant’s engineers to discuss questions prior to the next meeting.

The Nantasket Pier dredge project will begin soon. The Nantasket Avenue Surfside Rebuild project has also begun with replacement of gas lines and catch basins being done.

Alsada update - S. Connor and A. Herbst met on site it was determined that 6 trees shall be planted to replace those removed from Town property. The Enforcement Order has been issued.

Bayview property – The Commission was informed that the Town would be obtaining a parcel containing land only on Bayview Ave. and asked if they would like to have it designated as conservation land. The Commission agreed.

Atlantic Ave update – A complaint was received from a homeowner that material utilized by the DPW in the area after the storms is not proper. The DPW will remove and replace.

Site visits will be scheduled for Sunday, November 3 beginning at 8:30am.

9:05pm Upon a **motion** by P. Epstein and **2nd** by M. Horn and a **vote** of 6/0/0;
It was **voted** to: Adjourn