

## Minutes of a Conservation Commission - 13 February 2013

Members present: Peter Vincent - Chairman, Christina Brown, Stuart Lollis, Bob Avakian, Jeff Carlson, Lil Province

Absent: Edo Potter

Staff: Lisa Morrison, Jane Varkonda

HAMEL-GIOVANNINI Edgartown Bay Road. Reed Silva from VLS present for the applicant. Currently there is a preexisting, 4-bedroom house on the property that was built in the '60s. Applicant would like to demolish the existing house and bring in a modular replacement home. A small portion of the structure will be in the flood zone. Half the lot is in the flood zone. New septic will be installed with a slightly mounded system, and will probably include enhanced treatment. Town water has been supplied to the lot. Property is in the Coastal District and will require a special permit from the Planning Board for a height exemption. Province made a motion to issue an order of conditions. Carlson seconded the motion. Conditions: no herbicides, final landscape plan with limited lawn area to be submitted. Unanimously approved.

KJC REALTY TRUST /ABBRECHT (Former Kernochan lot) Golf Club Road. Coastal bank stabilization project. Seth Wilkinson of Wilkinson Environmental representing the applicant. Project has been in the works for over a year. The hurricane increased erosion as shown on the submitted photographs. Wilkinson is proposing to install a fiber-roll array in order to create a growing medium for vegetation. Rolls would be prevegetated with beach grass and other species as indicated on the plan. On site sediment will be used. A 'duck bill' anchoring system made from galvanized steel will be used. The steel will eventually erode away. Wilkinson described the project as a plant-focused answer to beach erosion. The array would allow sand to pass through it in storm events. The intent of the project is to slow the rate of erosion, not to eradicate it.

Wilkinson explained that changing the bank to a 2:1 slope would allow the waves to run up and over the property rather than eroding a steeper bank. He said that a gentle slope would be more effective at slowing erosion on this site. Brown asked if the structures on either side of the property have aggravated erosion on this site. Wilkinson replied that erosion has increased on one end and decreased at the other. Wilkinson noted that wave energy tends to bounce off hard structures rather than being dissipated.

The total number of rolls proposed is 70. Each roll would be 10-feet long with a 20-inch diameter. Brown asked what kind of guarantee the applicant could give that the rolls will not float away and become navigation hazard. Wilkinson noted that the town of Truro requires that each roll be identified with a tag. Vincent

asked if the applicant was proposing a clean-up fund.

Wilkinson said that the fiber rolls have an approximate lifespan of 10 years before biodegrading. He said that somewhere around 5-year mark, the plants take over the lion's share of the work.

An additional phase of the project involves removal of invasive species, such as bittersweet. It was decided to continue the hearing to the next meeting on 27 February in order to schedule a site visit.

PETERSON Request for determination of applicability to construct a 16 x 32-foot bike storage shed. Adam Hayes representing applicant. bike storage. Shed will be surface mounted - no footings. No utilities are proposed and there is no driveway or parking spot. Vincent asked if there was the possibility that the shed would be used on a daily basis in connection with the bike rental business. After some further discussion, the hearing was continued to the next meeting in order to conduct a site visit. Shed will be stake d on site. [Project also requires a special permit from the Planning Board.]

AMATO Beach nourishment and phragmites control, Plantingfield Way. Richard Barbini representing applicant. Beach is very small, it does not need nourishment now, but may at some time in the future. The phragmites are located just along the edge of Eel Pond. No herbicide treatment is proposed at present; the applicant would just like to try cutting in the fall. Avakian made a motion to issue the order. Brown seconded the motion. Unanimously approved with conditions.

EBERSTADT Erosion control and beach nourishment. Richard Barbini & Robbie Hutchison present for the applicant. Approximately 10-feet was lost to erosion in the last storm. The proposal involves digging in a row of coir longs and importing approximately 200 cubic yards of compatible fill. Between 15 and 20 logs will be used in one layer, running about 150 feet. The intent is to protect just the toe of the dune and keep nourishing the beach.

The agent asked how the sand will be brought to beach. Barbini replied that it will be brought over the lawn by bobcat. Mr. Barbini pointed out that MHW will be staked on site so that no fill goes below that line. Agent asked for a resurvey of the top of bank as the topography has changed since the application was submitted. Agent will conduct a site visit to review where the logs will now be placed and Barbini will submit an up-to-date as-built plan. Gaps between the logs will be planted with rosa rugosa and beach grass.

Lollis made a motion to issue an order of conditions. Avakian seconded the motion. Unanimously approved with conditions to include tagging of the logs and applicant's responsibility to guarantee clean-up should any of the logs float away.

[Brown leaves meeting]

MACFARLAND-PARKER. Erosion control project, North Neck Road. Robbie Hutchison representing applicant. Applicant would like to use burlap envelopes similar to what was used at the Schifter site. Hutchison noted that this is a much smaller project that will not require heavy machinery or extensive harvesting of sand from the bank. Sand will be imported to the site, and the envelopes fabricated on the property. The intent is to start at the bottom of the bank, and work up. Each envelope will be set in from the other to create a kind of terrace.

The intent is to place the envelopes ten feet on either side of the stairs, and under the stairs. Ms. Hutchinson said that the idea is not to protect the stairs - it is just a place to start. If the project works, they would like to come back for an expansion in the future. Ms. Hutchinson acknowledged that the house is not jeopardy.

Hutchinson said that the sand may be barged over to the site. The envelopes will be 10-foot long envelopes and 3-feet in diameter.

Vincent said he was concerned about setting a precedent. Ted Rosbeck asked what the danger was of setting this precedent. Vincent replied that the structures just keep getting bigger and bigger and, unlike rocks, they float away and cause damage and navigation hazards.

The agent noted that the use of logs was denied in the original order of conditions. She asked if the applicant had considered toe protection rather than armoring the entire bank.

Hutchison said she would be willing to modify the proposal, using one row of envelopes following the existing contour of the bank.

Lollis made a motion to approve the project. There was no second.

Carlson made a motion to deny the project. Province seconded this motion. Vincent and Avakian both voted to deny the project. Lollis voted to approve. Motion denied 4 to 1.

BOULEVARD REALTY TRUST. Commission voted to approve the elevations as submitted. A complete landscape plan delineating all changes in grade will be submitted prior to a certificate of occupancy.

There being no further business, the meeting adjourned at 6:58 p.m.

Approved: \_\_\_\_\_

