

**Marblehead Conservation Commission
Minutes April 9, 2015**

Meeting was held in the lower conference room at the Mary A. Alley Building, 7 Widger Road

Meeting was called to order at 7:15 PM

Present were: Commission Members Brian LeClair, Fred Sullivan, David Depew, Barbara Collins Rosenberg, Michael Smith, and David VanderHoven. Also present was Willy Lanphear, Conservation Administrator.

New members Barbara Collins Rosenberg and Michael Smith were introduced.

The hearings were conducted under the Massachusetts Wetlands Protection Act and the Marblehead Wetlands Protection Bylaw.

Note: The commission currently has six members. Per the MACC Handbook, section 4.1.2, most lawyers agree that a quorum is "...a majority of commissioners currently serving". The quorum for this meeting is therefore four members.

Approval of Minutes: A motion was made and seconded to approve the minutes of January 15, 2015 (Regular and Executive Sessions). All members voted in the affirmative.

Introduced new Commission members: Barbara Collins Rosenberg and Michael Smith

HEARINGS:

RDA 21 Prince Street

Applicant: John L. Hyland

Proposed: Construction of new single family dwelling

Continued from 1/15/2015 (LeClair, Depew, Sullivan, Fisher, VanHoven)

The Commission voted to continue this hearing to the May 14, 2015 meeting.

NOI 40-1192, 22 Foster Street

Appeared: Peter Ogren from Hayes Engineering

Proposed: demolition of the existing house and garage and removal of existing pavement, construction of a new house and garage with patios, drainage system and landscaping.

Control Drawings: Proposed Conditions plan prepared by Hayes Engineering , dated January 26, 2015 with revisions on March 6, 2015 and March 12, 2015

Continued from 2/12/2015 (LeClair, Depew, Sullivan, Fisher, VanHoven)

DEP has no comment

All members voted to close the hearing. The Commission voted to issue an order of conditions with the following special conditions:

During construction:

32. This project shall not cause an increase in run-off onto adjacent properties or streets, either during construction or after completion. Appropriate measures shall be taken to prevent the movement of silt or debris onto adjacent properties, streets and Resource Areas.

33. There shall be no cleaning or rinsing of cement concrete ready-mix trucks, or cement concrete mixing equipment, such that the byproduct of the cleaning or rinsing operation finds its way to any resource area by any means, especially, but not limited to, by means of a storm drainage system (catch basins, pipes, drainage ditches, etc.).

34. To the maximum extent possible, all driveways, terraces, patios or similar ground-level surfaces shall be constructed as permeable surfaces to allow water to infiltrate through their surfaces into the ground on site.

35. All demolition debris shall be removed from the site as soon as possible and not stored within a resource area or a buffer zone. If a dumpster is used to contain debris, the dumpster shall be covered after each work day. The debris shall be properly disposed of in accordance with applicable federal, state and local regulations.

36. All construction material shall be stored outside the resource area and its buffer zone or as far back from the resource areas as possible.

Post-construction/in perpetuity:

40. By voluntary agreement with the applicant, only organic fertilizers are to be used on the property landward of the resource areas. Fertilizers should not contain pesticides or herbicides; should contain slow release nitrogen and should not contain more than 3% phosphorous. To mitigate chemical runoff, do not fertilize directly before a rainstorm and do not over fertilize. Apply fertilizer in late April and in September (refer to: A Homeowner's Guide to Environmentally Sound Lawn care published by the Massachusetts Department of Food and Agriculture and the booklet, Don't Trash Grass, published by the Massachusetts Department of Environmental Protection). **This condition shall survive this order.**

41. Maintenance pointing and repairs of existing stone masonry walls and concrete walls including the replacement of an occasional missing stone or patching cracks and minor defects in a concrete wall are allowed as a surviving condition to this Order of Conditions. **The property owner shall inform the Conservation Commission in writing at least seven days prior to any proposed repointing or repair work on existing walls.** All dislodged and removed mortar/cement will be immediately contained and removed from the work site to prevent any such material from entering the resource waters. Any future razing, rebuilding or enlarging of the subject wall(s) will require the filing of a new Notice of Intent. **This condition shall survive this order.**

42. The repair/replacement of small sections of damaged caps on seawalls is allowed as a surviving condition. All dislodged and removed caps will be immediately contained and removed from the work site to prevent any such material from entering the resource waters. Prior to any work, the scope of the proposed repair/replacement must be approved by the Conservation Commission. If the cap on a major length or on an entire wall needs to be repaired/replaced, this requires an NOI. **This condition shall survive this order.**

44. The back-filling of small areas of erosion landward of a seawall is allowed as a surviving condition provided the erosion is not on a coastal bank. This back-filling applies to areas defined primarily as Land Subject to Coastal Storm Flowage. Any work on a coastal bank requires an NOI. The back-fill material must be clean and compatible with the eroded material. Prior to any back-filling, the scope of the proposed back-filling must be approved by the Conservation Commission. **This condition shall survive this order.**

45. When a pool/spa/hot tub is to be drained, no chlorine or other chemicals are to be added to the pool water for a period of at least four (4) days prior to draining to allow for the chlorine and other chemicals to dissipate; and there shall be an appropriate sign placed permanently at or immediately adjacent to the pool/spa/hot tub drainage valve or mechanism indicating this requirement. The method of pool drainage shall be such as to prevent any soil erosion by the draining water and to allow the draining water to seep into the ground prior to entering any resource waters. No direct discharge to resource waters is allowed. **This condition shall survive this order.**

50. Invasive plants shall not be used nor maintained in the landscape of the project site. This applies to the existing landscape as well as to any proposed landscape. A list of invasive plants in Massachusetts can be found in the latest update of The Evaluation of Non-Native Plant Species for Invasiveness in Massachusetts (with annotated list) produced by the Massachusetts Invasive Plant Advisory Group. For most recent update, visit www.mnla.com or www.newfs.org. **This condition shall survive this order.**

54. The control drawing/s for this project were prepared by a licensed Professional. The construction of this project shall be regularly inspected by said licensed professional to insure that the project complies with the control drawing/s. Progress reports shall be submitted by said professional at regular intervals while work is progressing on the project. The reporting interval shall be determined by the Commission based on the scope and anticipated duration of the project. Upon completion of the work authorized by this OOC, said licensed professional shall submit a written statement to the Conservation Commission certifying that the completed work is in substantial compliance with the control drawing and setting forth any deviations that may exist between the completed work and the plan approved by the Conservation Commission.

55. Upon completion of the work allowed under this Order of Conditions the applicant shall apply for a Certificate of Compliance (COC) (a) within 30 days after completion of the work or (b) thirty (30) days prior to the expiration date of the original or extended OOC, whichever time comes sooner. If no work was started under the OOC or if some of the work will not be performed, the applicant must still apply for a Certificate of Compliance at least 30 days prior to the expiration of the OOC. The Conservation Commission may require the submission of an "as built" drawing (signed and stamped by a licensed Professional Engineer or licensed Professional

Land Surveyor) with the application for the COC. Failure to submit an application for a COC shall result in a fine issued against the applicant in accordance with Marblehead Bylaws Chapter 194, Section 11E. **See Attachment “C” for “Schedule of Fines”.**

102. A tarp will be laid down at the base of the seawall during all repair work to capture all construction debris. The tarp will be on the seaward side of the seawall. The tarp will be rolled up and dumped into a disposal trailer as required throughout the work day and will be removed at the end of each work day.

NOI 40-1196, 6 Pig Rock Lane

Appeared: Susan St. Pierre, Pierre Consulting Services; Dan O’Connor, Collins Engineering; Nick Menino, Menino Construction

Proposed: Repair/Reconstruction of a failing seawall and earthen bank

Control Drawing: Site plan prepared by Collins Engineering, undated

DEP has no comments

Has two emergency orders and one emergency certificate authorized under Section 91

All members voted to close the hearing. The Commission voted to issue an order of conditions with the following special conditions:

During construction:

32. This project shall not cause an increase in run-off onto adjacent properties or streets, either during construction or after completion. Appropriate measures shall be taken to prevent the movement of silt or debris onto adjacent properties, streets and Resource Areas.

33. There shall be no cleaning or rinsing of cement concrete ready-mix trucks, or cement concrete mixing equipment, such that the byproduct of the cleaning or rinsing operation finds its way to any resource area by any means, especially, but not limited to, by means of a storm drainage system (catch basins, pipes, drainage ditches, etc.).

35. All demolition debris shall be removed from the site as soon as possible and not stored within a resource area or a buffer zone. If a dumpster is used to contain debris, the dumpster shall be covered after each work day. The debris shall be properly disposed of in accordance with applicable federal, state and local regulations.

36. All construction material shall be stored outside the resource area and its buffer zone or as far back from the resource areas as possible.

Post-construction/in perpetuity:

40. By voluntary agreement with the applicant, only organic fertilizers are to be used on the property landward of the resource areas. Fertilizers should not contain pesticides or herbicides;

should contain slow release nitrogen and should not contain more than 3% phosphorous. To mitigate chemical runoff, do not fertilize directly before a rainstorm and do not over fertilize. Apply fertilizer in late April and in September (refer to: A Homeowner's Guide to Environmentally Sound Lawn care published by the Massachusetts Department of Food and Agriculture and the booklet, Don't Trash Grass, published by the Massachusetts Department of Environmental Protection). **This condition shall survive this order.**

41. Maintenance pointing and repairs of existing stone masonry walls and concrete walls including the replacement of an occasional missing stone or patching cracks and minor defects in a concrete wall are allowed as a surviving condition to this Order of Conditions. **The property owner shall inform the Conservation Commission in writing at least seven days prior to any proposed repointing or repair work on existing walls.** All dislodged and removed mortar/cement will be immediately contained and removed from the work site to prevent any such material from entering the resource waters. Any future razing, rebuilding or enlarging of the subject wall(s) will require the filing of a new Notice of Intent. **This condition shall survive this order.**

42. The repair/replacement of small sections of damaged caps on seawalls is allowed as a surviving condition. All dislodged and removed caps will be immediately contained and removed from the work site to prevent any such material from entering the resource waters. Prior to any work, the scope of the proposed repair/replacement must be approved by the Conservation Commission. If the cap on a major length or on an entire wall needs to be repaired/replaced, this requires an NOI. **This condition shall survive this order.**

44. The back-filling of small areas of erosion landward of a seawall is allowed as a surviving condition provided the erosion is not on a coastal bank. This back-filling applies to areas defined primarily as Land Subject to Coastal Storm Flowage. Any work on a coastal bank requires an NOI. The back-fill material must be clean and compatible with the eroded material. Prior to any back-filling, the scope of the proposed back-filling must be approved by the Conservation Commission. **This condition shall survive this order.**

50. Invasive plants shall not be used nor maintained in the landscape of the project site. This applies to the existing landscape as well as to any proposed landscape. A list of invasive plants in Massachusetts can be found in the latest update of The Evaluation of Non-Native Plant Species for Invasiveness in Massachusetts (with annotated list) produced by the Massachusetts Invasive Plant Advisory Group. For most recent update, visit www.mnla.com or www.newfs.org. **This condition shall survive this order.**

53. This OOC specifies a vegetated buffer strip be planted along and abutting the coastal bank and/or the BVW. After the vegetated buffer strip has been planted, at the end of the second growing season, the applicant must submit a report to the commission evidencing that the plantings have reached a minimum 75% survival rate. If the 75% rate has not been achieved, the applicant will re-plant/replace all non-surviving plants at the start of the third growing season and verify such replanting by appropriate evidence to the commission. These reports are mandatory even after a COC has been issued. After the third growing season, the maintaining of a 75% survival rate, but not the reporting, is a surviving condition. **This condition shall survive this order.**

54. The control drawing/s for this project were prepared by a licensed Professional Engineer. The construction of this project shall be regularly inspected by said licensed professional to insure that the project complies with the control drawing/s. Upon completion of the work authorized by this OOC, said licensed professional shall submit a written statement to the Conservation Commission certifying that the completed work is in substantial compliance with the control drawing and setting forth any deviations that may exist between the completed work and the plan approved by the Conservation Commission.

55. Upon completion of the work allowed under this Order of Conditions the applicant shall apply for a Certificate of Compliance (COC) (a) within 30 days after completion of the work or (b) thirty (30) days prior to the expiration date of the original or extended OOC, whichever time comes sooner. If no work was started under the OOC or if some of the work will not be performed, the applicant must still apply for a Certificate of Compliance at least 30 days prior to the expiration of the OOC. The Conservation Commission may require the submission of an "as built" drawing (signed and stamped by a licensed Professional Engineer or licensed Professional Land Surveyor) with the application for the COC. Failure to submit an application for a COC shall result in a fine issued against the applicant in accordance with Marblehead Bylaws Chapter 194, Section 11E. **See Attachment "C" for "Schedule of Fines"**.

100. Prior to any work on this project that might affect the stability of the existing seawalls, the applicant shall retain the services of a licensed Professional Engineer (Structural) to examine the condition of the existing seawalls and issue a report on the structural integrity of those seawalls and their ability to handle the increased loads and stresses anticipated in connection with the proposed work.

102. A tarp will be laid down at the base of the seawall during all repair work to capture all construction debris. The tarp will be on the seaward side of the seawall. The tarp will be rolled up and dumped into a disposal trailer as required throughout the work day and will be removed at the end of each work day.

NOI 40-1197, 10 Harbor View

Applicant: Michael B. & Diane E. Christian

Appeared: Scott Patrowicz of Patrowicz Land Development Engineering

Proposed: Partial demolition and additions to existing house. Demolition of existing deck and construction of new decks. Construct new patios, walkways and landscaping.

Control Drawings: Overview Site Plan, dated March 25, 2015, Prepared by Patrowicz Land Development Engineering and Site Plan (blow-up), dated March 25, 2015, Prepared by Patrowicz Land Development Engineering

Under review by the DEP

Scott Jenkins (19 Harbor Ave) was concerned about using a community access road during construction.

Not in a resource area.

All members voted to close the hearing. The Commission voted to issue an order of conditions with the following special conditions:

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33. There shall be no cleaning or rinsing of cement concrete ready-mix trucks, or cement concrete mixing equipment, such that the byproduct of the cleaning or rinsing operation finds its way to any resource area by any means, especially, but not limited to, by means of a storm drainage system (catch basins, pipes, drainage ditches, etc.).

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order.

50. Invasive plants shall not be used nor maintained in the landscape of the project site. This applies to the existing landscape as well as to any proposed landscape. A list of invasive plants in Massachusetts can be found in the latest update of The Evaluation of Non-Native Plant Species for Invasiveness in Massachusetts (with annotated list) produced by the Massachusetts Invasive Plant Advisory Group. For most recent update, visit www.mnla.com or www.newfs.org. **This condition shall survive this order.**

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NOI 40-1194, 7 Mooring Road

Applicant: Nathaniel & Louisa Greene

Proposed: Removal of four existing wood piles installed for use as a gangway hoist

Control Drawings: Structural Plan and Sections, Sheet S1.1, prepared by Wentworth Partners and Associates, dated 2/10/2015. Elevation, Sheet S1.2, prepared by Wentworth Partners and Associates, dated 2/10/2015.

Most of the green cards were submitted.

A letter from EcoTec was submitted and reviewed.

The lifting mechanism was covered under the original Order of Conditions.

All members voted to close the hearing. The Commission voted to issue an order of conditions with the following special conditions:

35. All demolition debris shall be removed from the site as soon as possible and not stored

within a resource area or a buffer zone. If a dumpster is used to contain debris, the dumpster shall be covered after each work day. The debris shall be properly disposed of in accordance with applicable federal, state and local regulations.

55. Upon completion of the work allowed under this Order of Conditions the applicant shall apply for a Certificate of Compliance (COC) (a) within 30 days after completion of the work or (b) thirty (30) days prior to the expiration date of the original or extended OOC, whichever time comes sooner. If no work was started under the OOC or if some of the work will not be performed, the applicant must still apply for a Certificate of Compliance at least 30 days prior to the expiration of the OOC. The Conservation Commission may require the submission of an "as built" drawing (signed and stamped by a licensed Professional Engineer or licensed Professional Land Surveyor) with the application for the COC. Failure to submit an application for a COC shall result in a fine issued against the applicant in accordance with Marblehead Bylaws Chapter 194, Section 11E. **See Attachment "C" for "Schedule of Fines"**.

NOI 40-1198, 11 Fort Beach Lane

Appeared: Amy McHugh, Superintendent of Marblehead Water & Sewer Commission and Scott Miller, PE from Haley & Ward

Proposed: Raise the height of an existing seawall by approximately 18 inches. Install Rip Rap stone on the seaward side of the seawall. Install armoring on two existing sewer manholes located on the beach. Replace an existing chain link fence and maintenance repairs to the existing Sewer Pump Station building.

Control Drawing: Two site plans prepared by Haley and Ward, Inc. (dated March 24, 2015)

Still under review by DEP

Holly Janell and Suzanne Niemeyer from the neighborhood were concerned about changes to the wave deflection from the project.

Richard Thibedeau submitted a list of questions via email.

The Commission voted to continue this hearing to the May 14, 2015 meeting.

OLD AND NEW BUSINESS:

Enforcement Orders & letters issued:

Boston Yacht Club

Attendees: Jim Burke and Paul Formano

The BYC received a 2005 Order of Conditions to repair a seawall (NOI 40-850). This OOC was never recorded. However the BYC performed the work.

The Commission voted to fine the BYC \$900. \$300 for a failure to record OOC prior to commencing work and \$600 for failure to obtain a Certificate of Compliance (fine was doubled as this was the 2nd offense).

Request for changes in project scope:

NOI 40-1094, 5 Woodfin Tr,

Attendees: Steve Wright, Kleinfelder

Project: Landfill capping project, Town of Marblehead Health Department

Requested Change: Replace sagging and failing pipe with new Class V RCP (with the same diameter)

The Commission voted to approve the request as minor design change.

Meeting was adjourned at 8:50 PM.