CONSERVATION COMMISSION AGENDA

Date: August 9, 2018

Time: 7:00 pm

NOTE: Items may be called in any order at the Chair's discretion.

NOTE: The Conservation Commission reserves the right to discuss open wetland cases during the

Place: City Hall, Room 204

public meeting at which they are due to be heard.

DECISIONS

I. WETLANDS

1. NOI - DEP File #239-XXX - 51 Oakland Avenue

- Request: Applicant is proposing to demo portions of an existing single-family home and the construction of several additions on the single-family home with associated stormwater management and mitigation plantings.
- Owner/Applicant: B. Scott Miller Representative: John Rockwood (EcoTec, Inc.)

NOI - DEP File #239-XXX - 33 Wayne Road

- Request: Applicant is proposing to remove an existing single-family home and rebuild a new single-family home, with associated driveway and utilities.
- Owner/Applicant: Carmin Petruzziello Representatives: Mikhail Deychman and Karon Skinner Catrone

NOI (cont'd) - DEP File #239-807 - 53 Brandeis Road

- Request: Applicant is proposing to remove an existing single-family home (with associated deck and driveway) and rebuild a new single-family home, with associated deck and driveway.
- Owner/Applicant: Ester Dezube (53 Brandeis Rd, LLC) Representatives: Mikhail Deychman and Karon Skinner Catrone

NOI (cont'd) - DEP File #239-808 - 1 Malvern Terrace

- Request: Applicant is proposing to construct a new single-family home, with associated deck, infiltration, and driveway.
- Owner/Applicant: Mandayam Srinivasan Representative: none

COC - DEP File #239-769 - 380 Quinobequin Road

- Request: Applicant is requesting a Certificate of Compliance for work done under OOC #239-769 for an addition and required mitigation plantings.
- Owner/Applicant: Alexander and Neya Korsantia Representative: none

Preliminary Discussion – Golf course irrigation improvement projects

Two golf course irrigation improvement projects (Brae Burn and Leo J Martin) are due to be received soon. What information will the Commission consider appropriate to evaluate potential changes to groundwater (supply and stream recharge)?

II. CONSERVATION AREAS - none at this time

III. ADMNISTRATIVE

7. Minutes of 7/19/18 to be approved.

- Documents Presented: draft minutes draft minutes
- Staff Recommendations: Vote to approve 7/19/18 minutes.

IV. ISSUES AROUND TOWN - none at this time

UPDATES

V. WETLANDS

VI. CONSERVATION AREAS

VII. ISSUES AROUND TOWN

VIII. ADMINISTRATIVE MATTERS

OTHER TOPICS NOT REASONABLY ANTICIPATED BY THE CHAIR 48 HOURS BEFORE THE MEETING





Mayor Ruthanne Fuller

> Director Planning & Development Barney Heath

Senior **Environmental Planner** Jennifer Steel

Assistant **Environmental Planner** Claire Rundelli

Conservation Commission Members Dan Green Judy Hepburn Susan Lunin Norm Richardson Ira Wallach Jeff Zabel Ellen Katz

> Conservation Commission Alternates Kathy Cade

1000 Comm. Ave. Newton, MA 02459 T 617/796-1120 F 617/796-1142

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public meeting at which they are due to be heard.

DECISIONS

I. WETLANDS DECISIONS

1. NOI - DEP File #239-XXX - 51 Oakland Avenue

- Request: Applicant is proposing to demo portions of an existing single-family home and the construction of three additions on the single-family home with associated stormwater management and mitigation plantings.
- o <u>Owner/Applicant:</u> B. Scott Miller <u>Representatives</u>: John Rockwood (EcoTec, Inc.)
- o <u>Documents Presented</u>: colored plans, planting scheme photos, draft OOC
- o Jurisdiction: Buffer Zone, Riverfront Area
- o Performance Standards:
 - **Buffer Zone:** 10.53(1): General Provisions

"For work in the Buffer Zone subject to review under 310 CMR 10.02(2)(b)3., the Issuing Authority shall impose conditions to protect the interests of the Act identified for the adjacent Resource Area. ... where prior development is extensive, may consider measures such as the restoration of natural vegetation adjacent to a Resource Area to protect the interest of [the Act]. ... The purpose of preconstruction review of work in the Buffer Zone is to ensure that adjacent Resource Areas are not adversely affected during or after completion of the work."

Riverfront Area: 10.58(4)

- (c) Practicable and Substantially Equivalent Economic Alternatives.
- (d) No Significant Adverse Impact.
 - Within 200-foot riverfront areas, the issuing authority may allow the alteration of up to 5000 square feet or 10% of the riverfront area within the lot, whichever is greater ..., provided that:
 - a. At a minimum, a 100' wide area of undisturbed vegetation is provided... preserved or extended to the max. extent feasible....
 - b. Stormwater is managed ...
 - c. Proposed work does not impair the capacity of the riverfront area to provide important wildlife habitat functions. ...
 - d. incorporating erosion and sedimentation controls and other measures to attenuate nonpoint source pollution.

Staff Notes

Project Summary: Applicant is proposing to demo an existing wooden porch for the
construction of a total of 4 additions, a new patio, new stormwater management, and
an expanded driveway. 2 of the 4 additions proposed, one set of the proposed
infiltration chambers, and the proposed patio fall within wetland jurisdiction. The
applicant is proposing invasive species removal and mitigation plantings within the
inner 100' of RFA.

Impact Summary

- o All work is occurring outside of the inner riparian zone.
- o A 22" Norway maple is proposed to be removed during construction, along with a



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firepit in the rear of the yard where mitigation plantings will be placed.

- o The majority of roof runoff will now be captured by the chambers in the rear and front yards.
- o The total change in impervious area within RFA is an increase of about 90 s.f.
- The applicant is proposing to remove woody invasive species in the western portion of the rear yard via a cut and blot method.
- o A 1260 s.f. area will then be replanted with native vegetation (applicant is proposing 6 saplings and 36 shrubs), to be bounded by 3 stone bounds.

Questions/Concerns

- There is no planting plan provided, though the narrative does detail that locations for the mitigation plantings will be chosen by a wetland scientist in the field. Does the Commission wish to require a planting plan be submitted for review?
- The current site conditions, verified by a site visit on 8/2/18, show that some encroachment is occurring onto DCR land behind the parcel. The equipment being stored on that land will need to be removed before the construction begins. Note that the proposed stockade fence along the rear property line will prevent any future encroachment.
- There is currently work being done on the site. Miscommunication between the Inspectional Services Department and the Conservation Office led to the approval of the demolition of an external fireplace and chimney. The threshold for notification has now been updated to include all work that affects the exterior of a building to prevent confusion on future projects.
- Staff Recommendations: Vote to issue and Order of Conditions with the following special conditions:
 - Erosion control line shall serve as the limit of work. No alteration of DCR land shall occur
 - Fence (of some nature) must be installed (and elevated 4-6") to ensure no encroachment will occur on DCR land.
 - Restoration plantings and bounds must be installed per the approved plans and must maintained in perpetuity per 10.58(5)(h).

2. NOI - DEP File #239-XXX - 33 Wayne Road

- Request: Applicant is proposing to remove an existing single-family home and rebuild a new single-family home, with associated driveway and utilities.
- Owner/Applicant: Carmin Petruzziello Representatives: Karon Skinner Catrone
- o Documents Presented: colored plans photos, draft OOC
- o Jurisdiction: Buffer Zone, Riverfront Area
- Performance Standards:

• **Buffer Zone**: 10.53(1): General Provisions

"For work in the Buffer Zone subject to review under 310 CMR 10.02(2)(b)3., the Issuing Authority shall impose conditions to protect the interests of the Act identified for the adjacent Resource Area. ... where prior development is extensive, may consider measures such as the restoration of natural vegetation adjacent to a Resource Area to protect the interest of [the Act]. ... The purpose of preconstruction review of work in the Buffer Zone is to ensure that adjacent Resource Areas are not adversely affected during or after completion of the work."

• Riverfront Area 10.58(5)

- (a) work shall result in an improvement over existing conditions of the capacity to protect the interests
- (b) Stormwater management is provided according to standards
- (c) Proposed work shall not be located closer to the river than existing conditions
- (d) Proposed work ... shall be located ... away from the river except in accordance with 10.58(5)(f) or (g).
- (e) The area of proposed work shall not exceed the amount of degraded area except in accordance with 10.58(5)(f) or (g).
- (f) more alteration at the RFA outer boundary may be allowed if restoration of at least 1:1
- (g) more alteration at the RFA outer boundary may be allowed if mitigation of at least 2:1
- (h) The issuing authority shall include a continuing condition prohibiting further alteration within the restoration or mitigation area, except as may be required to maintain the area in its restored or mitigated

condition. Prior to requesting the COC, the applicant shall demonstrate the restoration or mitigation has been successfully completed for at least two growing seasons.

Staff Notes

• **Project Summary:** Applicant is proposing to tear down an existing single-family home with associated driveway and patio, and construct a new single-family home with stormwater management, driveway, and retaining wall. Applicant is proposing to plant 3 red maple saplings outside of the 200' RFA.

Impact Summary:

- o The majority of the proposed work is within the outer riparian zone, with only a portion of driveway and drywell work occurring within the inner riparian zone.
- Small trees and mature shrubs are due to be removed.
- o Roof runoff is proposed to be directed into a small drywell at the front of the property.
- o The total change in impervious area within the RFA is an increase of 827 s.f. (67 s.f. in the inner riparian and 760 s.f. in the outer riparian zone).
- The applicant is proposing to plant 3 red maple saplings; , outside the 200' RFA.

Questions/Concerns

- Proposed project does not appear to meet all of the WPA performance standards, as purported in their application. Below are the 10.58(5) standards summarized with staff comments in italics following.
 - (a) work shall result in an <u>improvement</u> There is an increase in impervious surface are in the RFA with no proposed mitigation in the RFA.
 - (b) <u>Stormwater</u> management is provided according to standards WPA standards do not apply to single family homes; however, the capacity/detail for the drywell needs to be provided to determine if it meets City standards.
 - (c) Work shall not be located closer to the river than existing conditions Proposal meets this standard.
 - (d) <u>Proposed work ... shall be located ... away from the river</u> except in accordance with 10.58(5)(f) or (g). *Proposal meets this standard.*
 - (e) The area of proposed work shall not exceed the amount of degraded area except in accordance with 10.58(5)(f) or (g). The proposed work will increase the amount of degraded area by 827 s.f.
 - (f) if <u>restoration</u> of <u>at least 1:1</u> *No restoration is proposed*.
 - (g) if <u>mitigation of at least 2:1</u> The 3 proposed saplings are not sufficient mitigation for 827 s.f. of alteration and are placed outside the RFA.
 - (h) The issuing authority shall include a continuing condition prohibiting further alteration within the restoration or mitigation area, except as may be required to maintain the area in its restored or mitigated condition. The proposed plantings are not protected in any way for perpetuity. Any proposed mitigation needs to be within a bounded planting area to prevent mitigation plantings from being removed/altered in the future.
- The proposed grading changes for the drainage swales do not match up to existing grading lines.
- o The retaining wall is shown as being 8' tall.
- o Driveway grading is unclear.
- o Proper protection for the neighbors' tree roots will be necessary.
- o The proposed location of the new home does not work with the existing site grading. Will there be a retaining wall or any cut/fill to support the back of the house?
- o The roof runoff is to travel all the way around the house in gutters before entering a drywell in the front yard. Conservation staff feel this is not practical.
- Staff are concerned that the proposed drywell is too small to be taking all of the roof runoff and driveway runoff. Should another system be added?
- No trees on the plan are marked with protection, though the narrative states that no trees are to be removed. The tree closest to the front, right corner of the house will not survive demolition and construction as it is within 5' of the existing foundation.
- o The proposed mitigation plantings should be moved within the jurisdictional area and should be an appropriate species for the upland soils of the site.
- o Engineering has not commented on the project proposal yet, so further concerns may be noted.
- Staff Recommendations: Await revised narrative and plans.

3. NOI (cont'd) - DEP File #239-807 - 53 Brandeis Road

- Request: Applicant is proposing to remove an existing single-family home (with associated deck and driveway) and rebuild a new single-family home, with associated deck and driveway.
- Owner/Applicant: Esther Dezube (53 Brandeis Rd, LLC) <u>Representatives</u>: Mikhail Deychman and Karon Skinner Catrone
- Documents Presented: colored plans photos, draft OOC
- o Jurisdiction: Buffer Zone
- o Performance Standards: **Buffer Zone**: 10.53(1): General Provisions

"For work in the Buffer Zone subject to review under 310 CMR 10.02(2)(b)3., the Issuing Authority shall impose conditions to protect the interests of the Act identified for the adjacent Resource Area. ... where prior development is extensive, may consider measures such as the restoration of natural vegetation adjacent to a Resource Area to protect the interest of [the Act]. ... The purpose of preconstruction review of work in the Buffer Zone is to ensure that adjacent Resource Areas are not adversely affected during or after completion of the work."

o Staff Notes

- 7/19/18 plans were presented at the Conservation Commission meeting and comments and concerns given.
- 7/23/18 revised plans were received that addressed very few of the comments and concerns.
- 7/24/18 staff sent extensive written comments
- 7/26/18 staff met with homeowner to review/revise plans
- 8/2/18 a new set of revised plans was received with the following changes:
 - Two bounded planting beds with a diverse selection of native plantings, along with many proposed plantings outside of the bounded beds
 - An updated planting schedule with the correct mature sizing
 - o The datum is now listed on all plan sheets
 - o A correctly titled erosion control detail
 - o Floating text has been removed
 - Correct existing impervious area numbers for the driveway
 - Existing driveway shown as to be removed
 - Trees to be removed are now labelled
- No details have been provided about the proposed infiltration systems (as requested in Engineering's June 19 email that was forwarded to the applicant team: "The narrative indicates that the new impervious surfaces will be collected and infiltrated, the site plan shows two test pits and a perc test but no info submitted for the evaluation of the drainage design, additionally he shows a trench drain for the driveway & DMH to an infiltration system that is too close to the street must be a min. of 10' off property line finally no grades, rim or invert elevation s are shown for the proposed systems, and no details."
- The front infiltration system still does not meet Engineering's placement requirements (as noted in Engineering's June 19 email see above).
- o Staff Recommendation: Await revised narrative and plans.

4. NOI (cont'd) - DEP File #239-808 - 1 Malvern Terrace

- Request: Applicant is proposing to construct a new single-family home, with associated deck, infiltration, and driveway.
- o Owner/Applicant: Mandayam Srinivasan Representatives: none
- o Documents Presented: old colored plans photos, draft OOC
- o Jurisdiction: Riverfront Area, BLSF, City Flood Zone
- Performance Standards:
 - Riverfront Area 10.58(5)
 - (a) work shall result in an improvement over existing conditions of the capacity to protect the interests
 - (b) Stormwater management is provided according to standards
 - (c) Proposed work shall not be located closer to the river than existing conditions
 - (d) Proposed work ... shall be located ... away from the river except in accordance with 10.58(5)(f) or (g).

- (e) The area of proposed work shall not exceed the amount of degraded area except in accordance with 10.58(5)(f) or (g).
- (f) more alteration at the RFA outer boundary may be allowed if restoration of at least 1:1
- (g) more alteration at the RFA outer boundary may be allowed if mitigation of at least 2:1
- (h) The issuing authority shall include a continuing condition prohibiting further alteration within the restoration or mitigation area, except as may be required to maintain the area in its restored or mitigated condition. Prior to requesting the COC, the applicant shall demonstrate the restoration or mitigation has been successfully completed for at least two growing seasons.
- City Flood Plain and Bordering Land Subject to Flooding 10.57(1) Compensatory storage shall be provided for all
 flood storage volume that will be lost when in the judgment of the issuing authority said loss will cause an
 increase or will contribute incrementally to an increase in the horizontal extent and level of flood waters during
 peak flows.

o Staff Notes

- Plans: No revised plans have been received at the time this agenda was submitted. Revisions requested were:
 - The O&M plan needs to be corrected from "inspected on a bi-annual (once every two year)" to "inspected on a bi-annual (twice every year)" and add "sweeping of the driveway on a regular basis to keep silt and debris out of the trench drain and system."
 - There is a slight error of the subsurface recharge system calcs. The storage range is exceeded by 0.02 feet (very minor), but engineer should add more stone beneath the system to offset the exceedance (with more stone there will be more storage volume).
 - The O&M plan must be record at the registry of deeds to inform future homeowners about the required maintenance. Proof of recording must be submitted to the Conservation Commission.

Project Summary

- Applicant is proposing to construct a new single-family home, with associated deck, infiltration, and driveway.
- o This project was permitted in 2015, and the house was demolished the trees have been cut, but the NOI was allowed to lapse prior to any construction.
- The footprint of the proposed plan is the same as the plan approved in 2015; the only change is that a full basement is now proposed, and 5 additional chambers have been added to the plan to accommodate the Engineering Department's larger 100-year storm (8.78").

Impact Summary

- o Proposed design increases degraded area in Riparian Zone by 1302 sf.
- Proposed design infiltrates stormwater in shallow chambers in the back yard and calls for a mitigation planting area of 2720 sf, converting lawn to trees and shrubs.
- o City drainage pipe along northern property boundary is clogged, but the City is aware of the issue.
- Staff Recommendation: Await revised plans.

5. COC – DEP File #239-769 – 380 Quinobequin Road

- Request: Applicant is requesting a Certificate of Compliance for work done under OOC #239-769 for an addition and required mitigation plantings.
- o Owner/Applicant: Alexander and Neya Korsantia Representative: none
- o Documents Presented: photos, draft COC
- Staff Notes: Based on an 8/2/18 site visit, it appears that all work has been completed in compliance with the approved plans; however, the applicants have not met their 75% survival rate for the mitigation plantings. Three shrubs were seen surviving on the site visit, but no other shrubs could be seen, and the required maple saplings appeared dead. No letter has been received from the project engineer stating that the work was completed in compliance with the Order of Conditions.
- O Staff Recommendations: No recommendation at this point in time.

6. Preliminary Discussion -- Golf course irrigation improvement projects

Two golf course irrigation improvement projects (Brae Burn and Leo J Martin) are due to be received soon. What information will the Commission consider appropriate to evaluate potential changes to groundwater (supply and stream recharge)?

II. CONSERVATION AREA DECISIONS – none at this time

III. ADMNISTRATIVE DECISIONS

- 7. Minutes of 7/19/18 to be approved.
 - Documents Presented: draft minutes draft minutes
 - o Staff Recommendations: Vote to approve 7/19/18 minutes.

IV. ISSUES AROUND TOWN DECISIONS - none at this time

UPDATES

V. WETLANDS UPDATES

- o 56 Farwell: appeal is still underway with no word from DEP.
- Nahanton Park needs stormwater and site improvements
- Bullough's Pond dam has been cited as non-compliant, so many trees will have to be cut. map, photos

VI. CONSERVATION AREA UPDATES

- Kesseler Woods Trail \$75,000 from Board Order. Site visit determined significant challenges (wetlands, dense growth). Contractors will be asked for estimates for design and construction of a trail/boardwalk/bridge from Harwich Road to the new apartment complex. Volunteers can then establish the trail to Lagrange St. map, photos
- o <u>Graffiti</u> at Norumbega CA and Saw Mill Brook CA. Jennifer painted over the worst of the graffiti. Kathy Cade put out a note on the neighborhood list serve asking neighbors to keep an eye out for teens and forward information about the perpetrators, if possible.
- o <u>Webster Woods Pre-Acquisition pre-application</u> will be submitted by August 13. The Law Department will be the applicant, as they will be hiring the lawyer/appraiser team.
- There is a need to have a more consistent program of land management to address fallen trees, graffiti, special projects, etc. Jennifer will develop a proposal for the Mayor's consideration.

VII. ISSUES AROUND TOWN UPDATES

- o Climate Action Planning group (headed up by MAPC) will be hosting public workshops.
- CCVA team (headed up by MAPC) will be hosting a public workshop.

VIII. ADMINISTRATIVE MATTER UPDATES - none at this time

OTHER TOPICS NOT REASONABLY ANTICIPATED BY THE CHAIR 48 HOURS BEFORE THE MEETING ADJOURN

10) SI OMELLAND AVE - PROPOSED PLAN

819118

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| 16 | 29.30 | 24.33 | 24.28 | 84.41 | 2473.07 Sq. Ft. |
| Total | 200.65 | 200.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 170.00 | 17

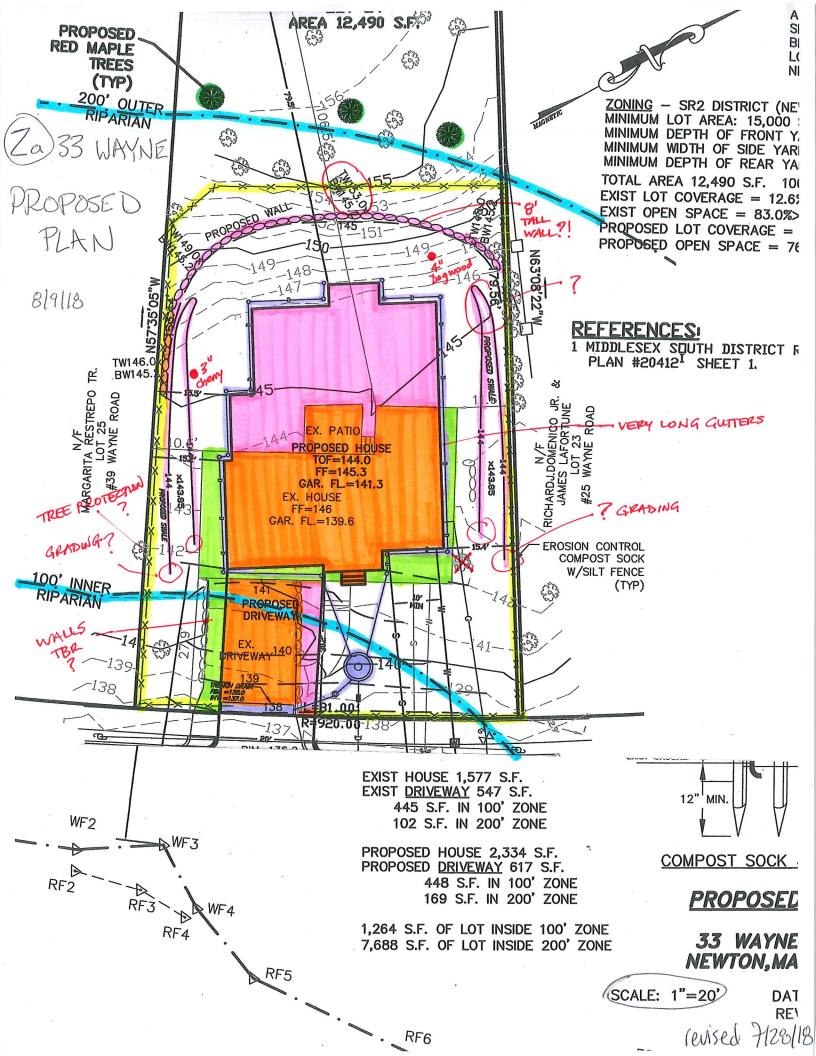
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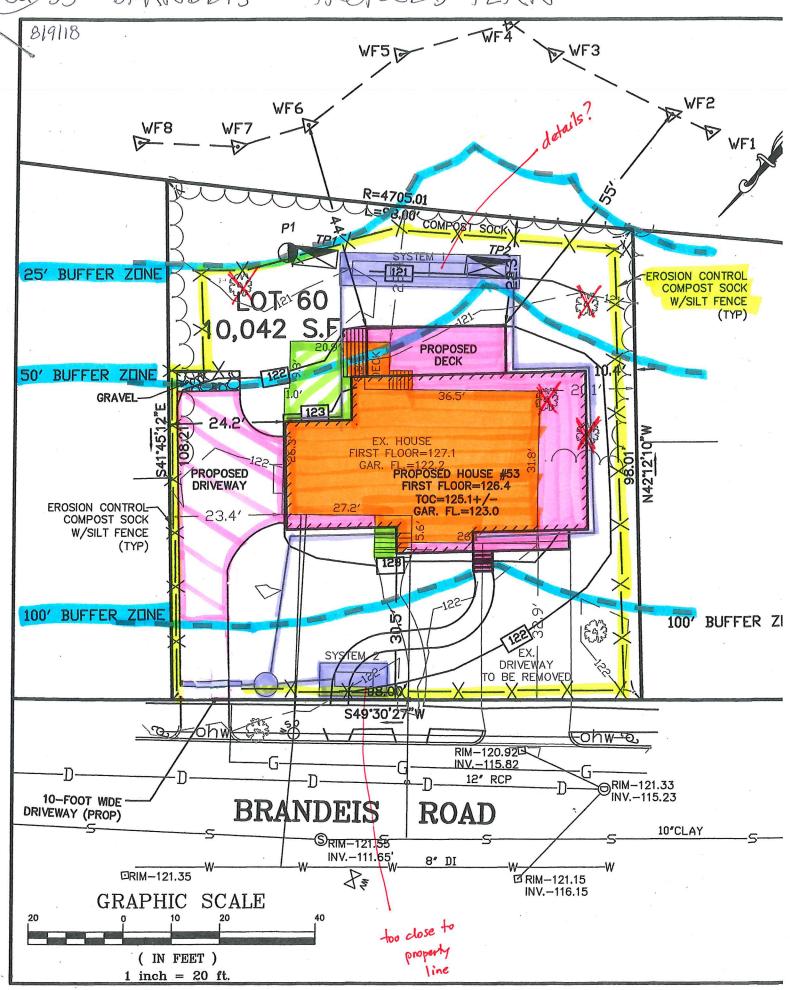
B) SI OMLAND AVE - PLANTING SCHEME

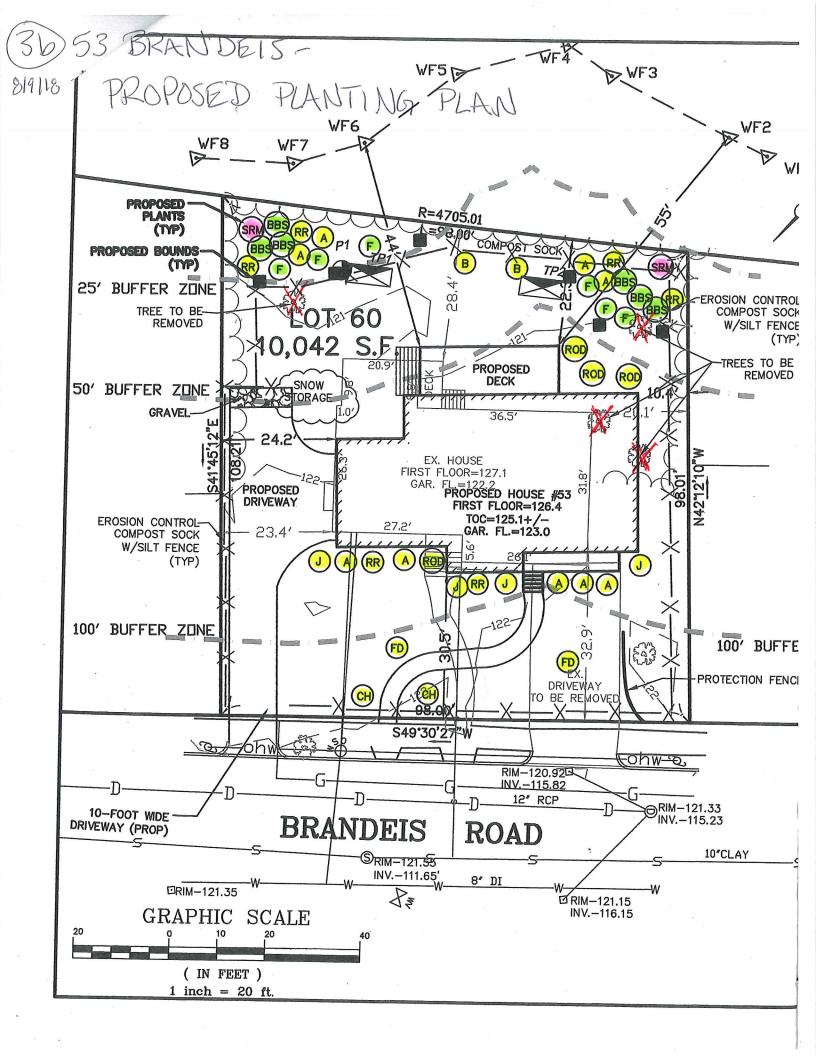
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(3a) 53 BRANDEIS - PROPOSED PLAN





3c) 53 BRANDEIS - PLANTING SCHEME

814118

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MINIMUM LOT AREA: 10,000 SF
MINIMUM DEPTH OF FRONT YARD: 3
MINIMUM WIDTH OF SIDE YARD: 1(
MINIMUM DEPTH OF REAR YARD: 1

100% ORGANIC COMPOST TRAPPED SEDIMENT BIODEGRADABLE SOCK TRENCH-

12" COLPOST SOCK

TRENCH AND SILT FENCE DETAIL

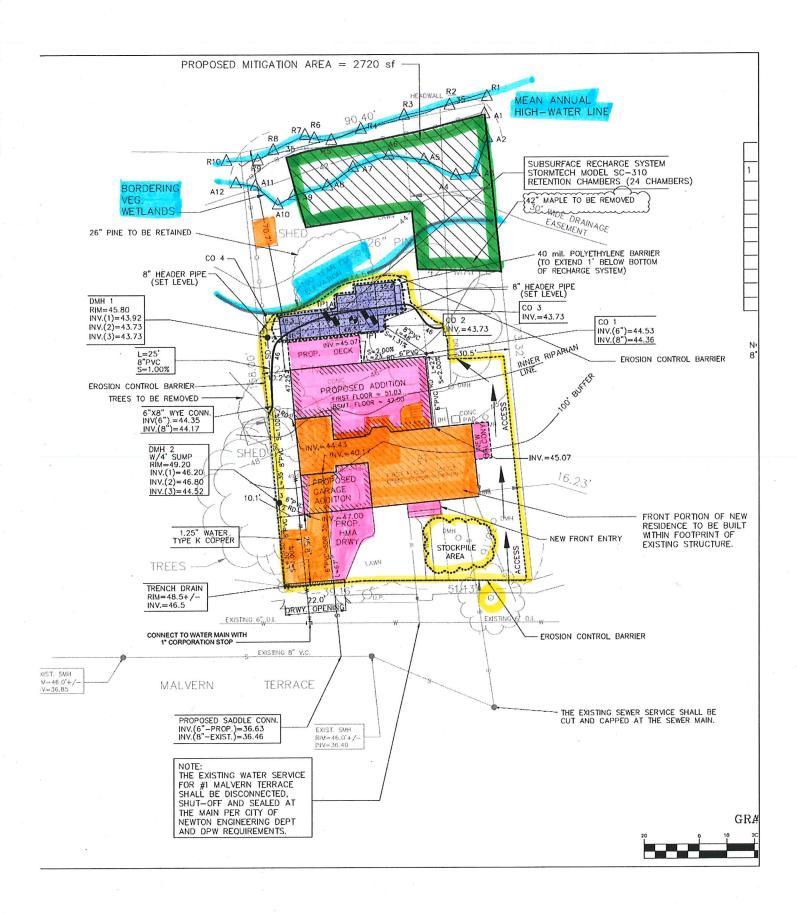
NOT TO SCALE

REFERENCES: MIDDLESEX SOUTH DISTRICT REGISTRY OF DEEDS: 1. DEED BOOK 1516 PAGE 26 2. PLAN 22505^D

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DATUM NEWTON CITY BASE

PROPOSED PLANTING PLAN DEP #239-807



CONSERVATION COMMISSION MINUTES

Date: July 19, 2018
Time: 7:00 – 9:35 pm
Place: City Hall, Room 204

With a quorum present, the meeting opened with Ira Wallach, Chair, presiding

Members Present: Susan Lunin, Norm Richardson, Judy Hepburn, Dan Green, Ellen Katz, Jeff Zabel, Kathy

Cade (Associate)

Staff Present: Jennifer Steel Members Absent: none

Members of the Public: See sign-in sheet

DECISIONS

I. WETLANDS

1. NOI - DEP File #239-807 - 53 Brandeis Road

- Request: Applicant is proposing to remove an existing single-family home (with associated deck and driveway) and rebuild a new single-family home, with associated deck and driveway.
- Owner/Applicant: Ester Dezube (53 Brandeis Rd, LLC) <u>Representatives</u>: Mikhail Deychman and Karon Skinner Catrone
- o Documents Presented: colored plans photos, draft OOC
- o Jurisdiction: Buffer Zone
- O Performance Standards: Buffer Zone: 10.53(1): General Provisions

 "For work in the Buffer Zone subject to review under 310 CMR 10.02(2)(b)3., the Issuing Authority shall impose conditions to protect the interests of the Act identified for the adjacent Resource Area. ... where prior development is extensive, may consider measures such as the restoration of natural vegetation adjacent to a Resource Area to protect the interest of [the Act]. ... The purpose of preconstruction review of work in the Buffer Zone is to ensure that adjacent Resource Areas are not adversely affected during or after completion of the work."
- Presentation and Discussion (Mikhail Deychman and Ester Dezube):

Project Summary

- The footprint of the new house is a larger than the existing house. A larger back deck is proposed. And a significant expanse of driveway is proposed within buffer zone. All expansion is within established lawn.
- A significant area of lawn will be converted to house, driveway, and deck.
- o 1-2~12" crabapple trees are due to be removed.
- o The wetland itself is protected by the hemlock hedge and topography

Plans

- Several iterations of revised plans were received by the Conservation Office, however they did not address all of the comments from the last meeting and errors/unclear entries remained.
- A revised plan was submitted electronically the day before the meeting, so neither the agent nor the Commission had had time to review it. Two paper copies were distributed at the meeting and discussion ensued.
- The plan was still deemed to be unapprovable for the following (but not necessarily only) reasons:
 - The proposed mitigation planting areas were not bounded and were not appropriately placed.
 - Plant selection did not adequately mitigate for the loss of mature trees and



Mayor Ruthanne Fuller

> Director Planning & Development Barney Heath

Senior Environmental Planner Jennifer Steel

Assistant Environmental Planner Claire Rundelli

Conservation
Commission
Members
Dan Green
Judy Hepburn
Susan Lunin
Norm Richardson
Ira Wallach
Jeff Zabel
Ellen Katz

Conservation Commission Alternates Kathy Cade

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the expansion of impervious area.

- The entrenched silt fence and compost sock detail was not appropriately titled.
- The text on page one describing areas of development could not be easily interpreted.
- Consensus: Accept the applicant's request to continue to August 9, 2018 (with revised materials due July 24 by noon).

2. NOI - DEP File #239-XXX - 1 Malvern Terrace

- Request: Applicant is proposing to construct a new single-family home, with associated deck, infiltration, and driveway.
- o Owner/Applicant: Mandayam Srinivasan Representatives: none
- o Documents Presented: colored plans photos, draft OOC
- o <u>Jurisdiction</u>: Riverfront Area, BLSF, City Flood Zone
- o Performance Standards:
 - Riverfront Area 10.58(5)
 - (a) work shall result in an improvement over existing conditions of the capacity to protect the interests
 - (b) Stormwater management is provided according to standards
 - (c) Proposed work shall not be located closer to the river than existing conditions
 - (d) Proposed work ... shall be located ... away from the river except in accordance with 10.58(5)(f) or (g).
 - (e) The area of proposed work shall not exceed the amount of degraded area except in accordance with 10.58(5)(f) or (g).
 - (f) more alteration at the RFA outer boundary may be allowed if restoration of at least 1:1
 - (g) more alteration at the RFA outer boundary may be allowed if mitigation of at least 2:1
 - (h) The issuing authority shall include a continuing condition prohibiting further alteration within the restoration or mitigation area, except as may be required to maintain the area in its restored or mitigated condition. Prior to requesting the COC, the applicant shall demonstrate the restoration or mitigation has been successfully completed for at least two growing seasons.
 - City Flood Plain and Bordering Land Subject to Flooding 10.57(1) Compensatory storage shall be provided for all
 flood storage volume that will be lost when in the judgment of the issuing authority said loss will cause an
 increase or will contribute incrementally to an increase in the horizontal extent and level of flood waters during
 peak flows.

o Presentation and Discussion (Srinivasan)

DEP file number not received. Hearing can be opened, but not closed.

Project Summary

- Applicant is proposing to construct a new single-family home, with associated deck, infiltration, and driveway.
- O This project was permitted in 2015, and the house was demolished the trees have been cut, but the NOI was allowed to lapse prior to any construction.
- The footprint of the proposed plan is the same as the plan approved in 2015; the only change is that a full basement is now proposed, and 5 additional chambers have been added to the plan to accommodate the Engineering Department's larger 100-year storm (8.78").

Impact Summary

- o Proposed design increases degraded area in Riparian Zone by 1302 sf.
- Proposed design infiltrates stormwater in shallow chambers in the back yard and calls for a mitigation planting area of 2720 sf, converting lawn to trees and shrubs.
- City drainage pipe along northern property boundary is clogged, but the City is aware of the issue.

Engineering Comments – passed on to the applicant

The O&M plan needs to be corrected from "inspected on a bi-annual (once every two year)" to "inspected on a bi-annual (twice every year)" and add "sweeping of the driveway on a regular basis to keep silt and debris out of the trench drain and system."

- There is a slight error of the subsurface recharge system calcs. The storage range is exceeded by 0.02 feet (very minor), but engineer should add more stone beneath the system to offset the exceedance (with more stone there will be more storage volume).
- The O&M plan must be record at the registry of deeds to inform future homeowners about the required maintenance. Proof of recording must be submitted to the Conservation Commission.
- Consensus: Accept the applicant's request to continue to August 9, 2018 (with revised materials due July 24 by noon). It was noted that there is no requirement for the applicant to be present at the next meeting, but it is recommended that he or a representative be present.

3. Certificate of Compliance – 101 Nevada St – DEP File #239-782

- Request: Applicant is requesting a Certificate of Compliance for the Order of Conditions permitting the construction
 of a small addition on the rear of a single-family home.
- o Owner/Applicant: Antonio Oliart Representative: none
- o Documents Presented: site photos, draft COC
- Discussion: Site visit on 7/10/18 confirms site is in compliance with the Order of Conditions. Engineer's letter stating increase in size of alteration was noted, but not confirmed in the field or on the plans.
- Vote: to issue a Certificate of Compliance [Moved: Susan Lunin, Seconded: Jeff Zabel, Vote: 7:0:0].

4. Certificate of Compliance - 300 Hammond Pond Pkwy - DEP File #239-790

- Request: Applicant is requesting a Certificate of Compliance for the Order of Conditions permitting sewer and water repairs on the site.
- Owner: Trustees of Boston College Applicant/Representative: Deborah Danik (Nitsch Eng.)
- Documents Presented: site photos, draft COC
- Discussion: Site visit on 7/6/18 confirms site is in compliance with the Order of Conditions.
- o Vote: to issue a complete Certificate of Compliance [Moved: Norm Richardson, Seconded: Ellen Katz, Vote: 7:0:0].

Certificate of Compliance – 170 Needham St – DEP File #239-687

- Request: Applicant is requesting a Certificate of Compliance for the construction of a single-story building, new parking lot, drainage and landscaping.
- Owner/Applicant: Needham Chestnut Realty LLC Representative: Sanford Custom Builders
- <u>Documents Presented</u>: site photos, draft COC
- <u>Discussion</u>: Site visit on 7/12/18 confirms site is in compliance with the Order of Conditions. 75% survival had been achieved already; recently landscaped "back corner" is now in compliance with approved planting plan.
- Vote: to issue a complete Certificate of Compliance [Moved: Dan Green, Seconded: Jeff Zabel, Vote: 7:0:0].

II. CONSERVATION AREAS – no decisions were made

III. ADMNISTRATIVE

6. Minutes of 6/28/18 to be approved.

- o <u>Documents Presented:</u> draft minutes draft minutes
- Vote: to approve 6/28/18 minutes as edited on the spot [Moved: Susan Lunin, Seconded: Jeff Zabel, Vote: 7:0:0].

7. Commission Roles

- o Request: Determine protocol for determining Commissioner roles and vote on said roles.
- <u>Documents Presented</u>: List of members (terms, positions, involvement on other boards, and involvement with working groups). Options discussed for electing members to positions. Pertinent current regulations
 <u>Options</u>
- o <u>Discussion</u> focused on the "check list" of considerations presented in the commissioners' packets. It was noted that Conservation Commission Rules and Regulations Article 5. Officers. Section 1 should be edited to say: "... each year. (i.e., delete the remainder of the sentence).
- Consensus: It was decided that: elections would occur during the first meeting of June every other year (starting in June of 2019), elections would be in writing for a chair and a vice chair, candidates would self-identify as being interested in the position(s), and that positions would be held for 2 years, with no term limits.

IV. ISSUES AROUND TOWN - no decisions were made

UPDATES

V. WETLANDS

56 Farwell: appeal is still underway with no word from DEP

VI. CONSERVATION AREAS

- Spray paint graffiti has occurred at Norumbega CA and Saw Mill Brook CA. Jennifer will paint over the graffiti. Kathy
 Cade will put out a note on the neighborhood list serve asking neighbors to keep an eye out for teens and forward
 information about the perpetrators if possible.
- 2 new trail head signs will be going in at Wilson CA; 2 stolen signs will be replaced.
- Webster Woods Pre-Acquisition pre-application was presented to the CPC on July 10 and received favorably. Ira
 noted that he mentioned to Beth Wilkinson his interest in sitting on the Webster Woods Advisory Panel, but hadn't
 heard back.
- 300 Hammond Pond Parkway. BC presented preliminary plans for improvements to rear parking lot to the Mayor.
- Newton Commonwealth Golf Course: They are creating/updating their 5-year plan, and are interested in building a new maintenance building. Since the initial estimates for the new building were roughly \$2M the project will need to be scaled back or phased. Jennifer Steel will ask Nick Read what role the City has in this effort.
- Grant for stairs from the Charles River Pathway to Upper Falls Greenway was denied. We will reapply next year for iust one set of stairs.

VII. ISSUES AROUND TOWN

o none

VIII. ADMINISTRATIVE MATTERS

Vernal Pool working group: Based on emails from Ouida Young and conversations with Rebekah Lacey, Jennifer confirmed that the working group should be complying with Open Meeting Law requirements, and posting meetings and meeting in public, accessible places, and keeping minutes. If send notice of meetings, she will put the notices on the City's "Please Post" site.

OTHER TOPICS NOT REASONABLY ANTICIPATED BY THE CHAIR 48 HOURS BEFORE THE MEETING

- 1. Certificate of Compliance 777 Dedham St Holbrook Hall Drainage DEP #239-697
 - Request: Applicant is requesting a Certificate of Compliance for the Order of Conditions permitting the construction of a drainage line and parking lot improvements.
 - Owner/Applicant: Mt. Ida <u>Representative</u>: George Chadwick (Bedford Design Consultants)
 - o Documents Presented: site photos, draft COC
 - O <u>Discussion</u>: Based on 6/21/18 site visit, they lowered the catch basin to accept drainage, and the site is now complete and stable, however, the curb around the manhole is still low. At the 6/28/18 Commission meeting, it was felt that the curb should be raised to ensure that all runoff enters the tree pit. Photos sent by the applicant show the curb has been raised around the low-lying manhole, per Commission request, to encourage runoff to enter the tree pits.
 - o <u>Vote:</u> to issue a complete Certificate of Compliance [Moved: Dan Green, Seconded: Jeff Zabel, Vote: 7:0:0].
- 2. The Ocean River group sent a letter about lawn chemicals. Kathy Cade noted that nutrients from roadways contribute much more to eutrophication.

ADJOURN

Vote: to adjourn at 9:35 [Moved: Dan Green, Seconded: Jeff Zabel, Vote: 7:0:0].