

CONSERVATION COMMISSION AGENDA

Date: October 11, 2018
Time: 7:00 pm
Place: City Hall, Room 204

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 public meeting at which they are due to be heard.

DECISIONS

I. WETLANDS DECISIONS

1. **NOI – 1 Wells Ave – Eagle Scout pedestrian bridge construction project – DEP File #239-XXX**
 - Request: Applicant is seeking OOC to construct a pedestrian footbridge over Country Club Brook, and new connecting trail to allow users of the Helen Heyn Riverway access to the trail without having to go out onto the sidewalk of Wells Ave.
 - Owners: William James College Inc (1 Wells) & AG-JMC Wells Ave Property Owner LLC (7-57 Wells) Applicant: Aiden Farrar, Eagle Scout
2. **NOI (cont'd) – Cobb Place – paving private right-of-way – DEP File #239-817**
 - Request: Applicant is seeking OOC to pave an existing, gravel, privately owned street and install country drainage on either side of the street.
 - Owners: multiple Applicant/Representative: Barry Sarao (M. Delvecchio Construction)
3. **NOI – Needham Street/Needham-Highland Bridge – road reconstruction/bridge rehab – DEP File #239-815**
 - Request: Applicant is proposing to reconstruct Needham St (from Winchester St to the Oak/Christina Intersection) and rehab the Needham St. bridge across the Charles River.
 - Owner: MassDOT (Sue McArthur, Highways) Representatives: Stantec
4. **NOI – 33 Wayne Rd. – DEP File #239-811 – Enforcement action and tear-down/re-build**
 - Request: Applicant has requested a continuation to the 11/1/18 meeting to allow more time to develop a plan to bring the site into compliance with the wetland regulations
 - Owner/Applicant: Carmine Petruziello Representative: John Rockwood (Ecotec, Inc)
5. **ANRAD – 29 Greenwood Street – confirming wetland lines**
 - Request: Applicant is requesting confirmation of the wetland lines as flagged on the plans.
 - Owner/Applicant: Keith Moskow, Trustee of Packet Realty Trust Representative: Sarah Stearns, Beals & Thomas, Inc
6. **RDA – 320 Needham Street – grinding and paving of parking lot**
 - Request: Applicant is requesting a Determination of Applicability for the proposed grinding and subsequent repaving of two parking lots at 320 Needham Street.
 - Owner/Applicant: The Bulfinch Companies Representative: Robert A. Gemma, MetroWest Engineering, Inc.
7. **COC – 100 Old England Road – DEP File #239-752**
 - Request: Applicant is requesting a Certificate of Compliance for an addition, a patio, garage, and pool, and required mitigation plantings under OOC DEP file #239-752.
 - Owner/Applicant: Sean Wilder Representative: Mike Kosmo, Everett M. Brooks Co.

II. CONSERVATION AREA DECISIONS

8. Bench to be donated for Norumbega
9. Old Deer Park bittersweet mowing/brush-hogging and trail creation.

III. ADMINISTRATIVE DECISIONS

10. Minutes of 9/20/18 to be approved.

IV. ISSUES AROUND TOWN DECISIONS

UPDATES

V. WETLANDS UPDATES

VI. CONSERVATION AREA UPDATES

VII. ISSUES AROUND TOWN UPDATES

VIII. ADMINISTRATIVE MATTER UPDATES

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

ADJOURN



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

www.newtonma.gov

The location of this meeting is wheelchair accessible and reasonable accommodations will be provided to persons with disabilities who require assistance. If you need a reasonable accommodation, please contact the city of Newton's ADA/Sec. 504 Coordinator, Jini Fairley, at least two business days in advance of the meeting: jfairley@newtonma.gov or (617) 796-1253. The city's TTY/TDD direct line is: 617-796-1089. For the Telecommunications Relay Service (TRS), please dial 711.

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I. WETLANDS DECISIONS

1. NOI – 1 Wells Ave – Eagle Scout pedestrian bridge construction project – DEP File #239-XXX

- Request: Applicant is seeking OOC to construct a pedestrian footbridge over Country Club Brook, and new connecting trail to allow users of the Helen Heyn Riverway access to the trail without having to go out onto the sidewalk of Wells Ave.
- Owners: William James College Inc (1 Wells) & AG-JMC Wells Ave Property Owner LLC (7-57 Wells) Applicant: Aiden Farrar, Eagle Scout
- Documents Presented: colored plans, bridge design detail plans, photos, draft OOC
- Jurisdiction: Bank, Riverfront Area, BLSF, and City Floodplain
- Performance Standards:

Riverfront Area: 10.58(4)

(c) Practicable and Substantially Equivalent Economic Alternatives.

(d) No Significant Adverse Impact.

1. 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. a 100' wide area of undisturbed vegetation is provided... preserved....
 - b. Stormwater is managed ...
 - c. ... provide important wildlife habitat functions. ...
 - d. ... incorporating erosion and sedimentation controls

Bank: 310 CMR 10.54

(a) Work on a Bank shall not impair the following:

1. The physical stability of the Bank;
2. The water carrying capacity of the existing channel...;
3. Ground water and surface water quality;
4. The capacity of the Bank to provide breeding habitat, ...;
5. The capacity of the Bank to provide important wildlife habitat functions...
6. Work on a stream crossing shall be presumed to meet the performance standard set forth in 310 CMR 10.54(4)(a) provided ... the bottom of a span structure ... is above the elevation of the top of the bank, and the structure spans the channel width by a minimum of 1.2 times the bankfull width...

City Floodplain. Sec. 22-22. Floodplain/Watershed Protection Provisions.

(b)(1) ... no building or other structure shall be ... constructed ... which will restrict floodwater flow or reduce floodwater storage capacity shall be permitted.

(b)(2) ... the conservation commission may issue an order of conditions for the following uses in the Floodplain/Watershed Protection District:

- a) Any building or structure for which compensatory storage is provided and ... structure shall not result in any increase in flood levels during the 100-year flood.



Mayor

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d) ... walkways ancillary to permitted or existing uses within the district.

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...
2. Work shall not restrict flows so as to cause an increase in flood stage or velocity.
3. Work in those portions of bordering land subject to flooding found to be significant to the protection of wildlife habitat shall not impair its capacity to provide important wildlife habitat functions...

o Staff Notes

• **Project Summary**

- o Applicant is proposing to create a new mulched trail to connect two portions of the existing Helen Heyn Riverway Trail to allow users to avoid the Wells Ave sidewalk. The new trail will require a small footbridge across Country Club Brook.
- o Applicant is proposing to create a wooden pedestrian footbridge spanning the banks of Country Club Brook, downstream of and below the level of the culvert under Wells Ave. (per Engineering's/Utilities' request).

• **Impact Summary**

- o Approximately 10 s.f. of RFA will be altered by the new bridge footings.
- o Minimal vegetation clearing near the stream will be required to allow the bridge to be placed and trail to be located. The vegetation in this area consists mainly of bittersweet and poison ivy. The remainder of the new trail alignment is currently grass. No trees will be cut or damaged.
- o Fill in floodplain will be minimal and will not increase the horizontal extent and level of flood waters during peak flows (since the bridge is down-gradient of the culvert). The bridge will be a simple box construction of pressure treated wood, secured into the bank using pieces of rebar through footings.
- o All work will be done by hand.

• **Comments**

- o The bridge has been requested by members of the Conservators for years.
- o This bridge has been approved by the City Engineering and Utilities Departments.

o Staff Recommendations: Vote to close the hearing and issue an OOC with the following special conditions.

- Before work may begin, the project leader(s) must schedule and conduct a pre-construction site visit with the Conservation Agent to confirm the timeline, confirm the flagging of the trail layout, confirm the details of the bridge installation, and confirm installation of the DEP file number sign.
- During work, the project leader(s) must:
 - o Keep a copy of this Order and the Approved Plans on site while work is being conducted.
 - o Be made aware that they are responsible for compliance with this Order.
 - o Take "before" and "after" photos.
 - o Trail construction must not leave disturbed soil or an unstabilized footbed. Upon completion of the project, all exposed soil areas shall be stabilized and/or mulched. Any excess spoil material or mulch which is to remain on the premises shall be appropriately disposed of and protected against erosion. All materials not to remain on the premises shall be removed and disposed of properly.
- Upon completion of the project, the project leader must submit the before and after photos to the Conservation Office and seek permission to close out the DEP file with a Certificate of Compliance shall be sought.

2. NOI (cont'd) – Cobb Place – paving private right-of-way – DEP File #239-817

- o Request: Applicant is seeking OOC to pave an existing, gravel, privately owned street and install country drainage on either side of the street.
- o Owners: multiple Applicant/Representatives: Barry Sarao (M. Delvecchio Construction)
- o Documents Presented: sketch plan plans, photos, draft OOC
- o Jurisdiction: Riverfront Area

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- Performance Standards:
 - **Riverfront Area: 10.58(4)**
 - (c) Practicable and Substantially Equivalent Economic Alternatives.
 - (d) No Significant Adverse Impact.
 1. 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. Work does not impair the capacity of the RFA to provide important wildlife habitat functions. ...
 - d. ... incorporating erosion and sedimentation controls . . . to attenuate nonpoint source pollution.
 - Staff Notes
 - **Project Summary:** Applicant is proposing to excavate the existing ~22' wide gravel road and asphalt apron (at Quinobequin Rd.), remove unsuitable soil, add material to crown the road, pave, and install country drainage (perforated pipes in stone trenches) in segments along the road sides.
 - **Impact Summary:**
 - A 90' stretch of Cobb Place is within outer riparian zone (RFA)
 - Cobb Place will change from an existing 22-24' wide gravel roadway to an 18-20' wide paved roadway. The proposed "increase" in impervious surface area within RFA is roughly 1980 s.f.
 - Applicant is proposing country drainage for stormwater management, so runoff will be reduced, reducing ponding at the intersection and improving stormwater treatment.
 - Trees and tree roots that line portions of the road will be avoided.
 - Site plan sketches, site photos, and details of the proposed country drainage have been received and seem appropriate for a private roadway improvement project.
 - Staff Recommendations: Vote to close the hearing and issue an OOC with the following special conditions.
 - Project must be executed as illustrated on the approved plans.
 - Infiltration trenches must be installed as illustrated on the approved plans.
- 3. NOI – Needham Street/Needham-Highland Bridge – road reconstruction and bridge rehab – DEP file #239-815**
- Request: Applicant is seeking OOC to reconstruct Needham Street from Winchester Street to the Oak/Christina Intersection and to rehabilitate the Needham St. bridge across the Charles River.
 - Owner: MassDOT Applicant: Sue McArthur (MassDOT) Representative: Marie Sullivan, Dave Glenn, Tom Currier (Stantec)
 - Documents Presented: none plans, photos, draft OOC
 - Jurisdiction: LUWW, Riverfront Area, BLSF
 - Performance Standards
 - **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."
 - **RFA: Redevelopment within Previously Developed Riverfront Areas; Restoration & Mitigation: 10.58(5)**
 - ... work improves existing conditions.
 - Redevelopment means ... reuse of degraded or previously developed areas.
 - A previously developed riverfront area contains areas degraded prior to August 7, 1996....
 - Work to redevelop previously developed riverfront areas shall ...:
 - (a) At a minimum, work shall result in an improvement over existing conditions ...
 - (b) Stormwater management is provided according to standards
 - (c) Proposed work shall not be closer to the river than existing conditions or 100', whichever is less
 - (d) Proposed work...shall be located... away from the river, except in accordance with 10.58(5)(f) or (g).
 - (e) ... proposed work shall not exceed the ... degraded area ... except in accordance with 10.58(5)(f) or (g).
 - (f) more alteration may be allowed if an applicant proposes restoration ... of at least 1:1 ...

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- (g) more alteration may be allowed if an applicant proposes mitigation ... of at least 2:1
- (h) The issuing authority shall include a continuing condition in the COC ...under 10.58(5)(f) or (g) prohibiting further alteration within the restoration or mitigation area....
- **LUW: 10.56**
 - (a) Work shall not impair the following:
 1. The water carrying capacity within the defined channel...;
 2. Ground and surface water quality;
 3. The capacity of said land to provide breeding habitat, escape cover and food for fisheries; and
 4. The capacity of said land to provide important wildlife habitat functions.
 - (b) The issuing authority may issue an Order to maintain or improve boat channels
 - (c) No project may be permitted which will have any adverse effect on rare species.
- Staff Notes
 - **Project Summary**
 - Applicant is seeking OOC to reconstruct the Needham Street ROW from Winchester Street to the Oak/Christina Intersection. There will be new cross-sections established to provide dedicated bike lanes, and sidewalks, intersection improvements, and drainage improvements.
 - Applicant is also proposing to rehabilitate the existing bridge crossing the Charles River at terminus of Needham Street and the beginning of Highland Street on the Needham side of the river to accommodate expanded bike lanes and sidewalks.
 - The City has been working with the state for years on this project and so the design is “at 100%” now.
 - Stormwater improvements include new deed-sump hooded catch-basins, 5 infiltration trenches, and the excess capacity of the stormwater swale being built in conjunction with the Oak/Christina/Needham Street intersection project permitted a couple of years ago.
 - **Impact Summary:** The project will entail:
 - No impact to bank.
 - Temporary alterations to ~200 sf of LUWW associated with the installation of scaffolding for work to repair the bridge abutments and facing.
 - Minor changes to the cross-sections will affect BLSF, but there is due to be a net increase in flood storage capacity of 165.5 cy.
 - Work within RFA will primarily be alterations to prior degraded areas. There will be one half acre new impervious area because of expanded sidewalks and bike paths.
 - 6 Infiltration trenches and new deep sump catch basins will decrease stormwater contributions to the City system and provide greater treatment.
 - DEP’s stormwater standards are being met.
 - TMDL requires a reduction in phosphorous. Reduction is shown (to the maximum extent practicable) in the stormwater report.
 - Work on the underside of the bridge will be by hand and access will be by foot.
 - **Questions/Concerns**
 - Applicant was continued from the 9/20/18 ConCom meeting. The following have been received.
 - Plan set cover page noting “100%” and “PS&E” (signed and stamped by Marie Sullivan 9/6/18)
 - Grading plan sheets that illustrate what areas are being cut (2607 cy) and what areas are being filled (2442 cy).
 - Erosion controls near the bridge modified to be entrenched silt fence with a proper “J” hook at the end.
 - Dave Glenn will clarify what portion of stormwater flows from small storms the infiltration trenches and stormwater swale will treat.
- Staff Recommendations: Vote to issue an OOC with the following conditions.
 21. The applicant must schedule and attend a pre-construction site visit.
 22. SWPPP shall be submitted to the Conservation Commission for review and approval prior to the start of construction, including but not limited to the following.

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- a. Concrete washout plans and accommodations. The Applicant shall provide to the Conservation Commission for review and approval a concrete washout plan designed to limit and control any effects of concrete washouts on the wetlands resource area adjacent to the project site. No concrete washout station for the Project shall be located in any Wetlands Resource Area or Buffer Zone.
 - b. Netting for bridge work plans. The Applicant shall provide to the Conservation Commission for review and approval a plan that clearly shows how scaffolding and netting will be installed to stop debris from entering the river during work on the bridge facing and cantilevered sidewalks.
 - c. O&M plan for the infiltration trenches and swale.
23. Plantings within Commission jurisdiction must:
- a. Be installed in compliance with the approved plans. Desired deviations from the approved plans must be approved by the Conservation office in advance.
 - b. Survive over 75% of the planting area for 2 growing seasons for a Certificate of Compliance to be granted
24. Provide compensatory flood storage as per the plans by removing at least 165.5 cy from the flood plain area.
25. The City Engineer must inspect the infiltration trenches upon excavation and initial installation (prior to being covered). The applicant must submit proof of inspection to the Conservation Office.
26. If any the trees to be protected die within 2 years of the start of construction or have been demonstrably harmed by construction activities, they shall be replaced at a ratio of 2:1 with native canopy saplings (of roughly 2 caliper inches).
27. An as-built plan signed by the engineer certifying compliance with the approved plans and order must be submitted.
28. Operation and Maintenance. The Infiltration trenches and stormwater swale must be **maintained in perpetuity according to _____.**

4. NOI – 33 Wayne Rd. – DEP file #239-811 – Enforcement action and tear-down/re-build

- Request: Applicant has requested a continuation to the 11/1/18 meeting to allow more time to develop a plan to bring the site into compliance with the wetland regulations
- Owner/Applicant: Carmine Petruziello Representative: John Rockwood (Ecotec, Inc)
- Documents Presented: none
- Jurisdiction: Riverfront Area
- Performance Standards
- Staff Notes
 - A restoration planting plan has been received.
 - Density and nativeness seem appropriate, but there are a number of species that prefer a wetter environment than that present. I would recommend substituting black birch for the proposed river birch and other native upland species for the proposed magnolia and Amelanchier. I also question the reference to a 6" pine.
- Staff Recommendations: Vote to accept the applicant's request to continue the hearing to 11/1/18 with a requirement for revised materials for the planting plan and complete* and fully approvable NOI materials to be submitted no later than Tuesday October 16. (*complete plans, alternatives analysis, performance standard analysis, etc.)

5. ANRAD – 29 Greenwood Street – confirming wetland lines

- Request: Applicant is requesting confirmation of the wetland line as flagged on the submitted plans.
- Owner/Applicant: Keith Moskow, Trustee of Packet Realty Trust Representative: Sarah Stearns, Beals & Thomas, Inc
- Documents Presented: colored plans photos of flags in field, draft ORAD
- Jurisdiction: Buffer Zone
- Performance Standards: **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 . . . 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."
- Staff Notes

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- **Project Summary:** As the ORAD issued for the site in 2013 is now expired, the homeowner is confirming the locations of the wetland line in order to receive a new ORAD.
 - **Impact Summary:** There is no impact for this project as no work is being proposed at this point in time.
 - **Questions/Concerns:** Staff are due to confirm (or modify) the proposed wetland line during a site visit with the applicant on 10/5/18.
 - **Staff Recommendations:** Vote to issue an annotated Order of Resource Area Delineation as appropriate.
- 6. RDA – 320 Needham Street – grinding and paving of parking lot**
- **Request:** Applicant is requesting a Determination of Applicability for the proposed grinding and subsequent repaving of two parking lots at 320 Needham Street.
 - **Owner/Applicant:** The Bulfinch Companies **Representative:** Robert A. Gemma, MetroWest Engineering, Inc.
 - **Documents Presented:** colored plans photos, draft DOA
 - **Jurisdiction:** Riverfront Area
 - **Performance Standards:**
 - **Riverfront Area: 10.58(4)**
 - (c) Practicable and Substantially Equivalent Economic Alternatives.
 - (d) No Significant Adverse Impact.
 1. 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 . . . to attenuate nonpoint source pollution.
 - **Staff Notes:**
 - **Project Summary:** Applicant is proposing to grind, fine grade, and repave the parking lot (within Riverfront Area). No expansion or elevation changes are planned for this project. This is routine maintenance of an existing feature. The proposed work is expected to be completed within a period of 48 hours of dry weather.
 - **Impact Summary:**
 - All existing storm drains on site will be protected with silt sacks and filter fabric under the grates.
 - There should be no significant impact to the resource area.
 - **Questions/Concerns**
 - Will the existing Cape Cod curbing remain in place, with the sawcut occurring inside the curbing, or will it be removed and replaced? No erosion or sedimentation controls have been proposed.
 - Has there been consideration given to possible green infrastructure improvements such as the installation of one or more tree box filters, trench drains to capture and direct some runoff to the grassy verge, or pervious pavement or pavers to limit runoff?
 - **Staff Recommendations:** Vote to issue a negative 3 determination with the following special conditions.
 - Cape cod berm will be left in place ... or ... sediment fence will be entrenched along the edge of the curb ...
 - ... tree box filters ...
- 7. COC – 100 Old England Road – additions to a SFH and work on associated site features – DEP File #239-752**
- **Request:** Applicant is requesting a Certificate of Compliance for an addition, a patio, garage, and pool, and required mitigation plantings under OOC DEP file #239-752.
 - **Owner/Applicant:** Sean Wilder **Representative:** Mike Kosmo, Everett M. Brooks Company
 - **Documents Presented:** none photos, draft COC
 - **Staff Notes:** All appropriate paperwork has been received. A staff site visit will be made to confirm that the work has been completed in substantial compliance and that required mitigation plantings have survived.
 - **Staff Recommendations:** As appropriate, vote to issue a complete Certificate of Compliance.

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II. CONSERVATION AREA DECISIONS

8. **Bench to be donated for Norumbega** – Does the Commission have a policy for installation of “memorial” benches, trees, plaques, etc.?
9. **Old Deer Park bittersweet mowing/brush-hogging and trail creation.** **Aerial map**
 - To combat bittersweet in broad areas, we must brush-hog or use herbicides. Cost is significant.
 - Specimen trees near the trail could likely be kept clear with weed whackers.
 - To create a trail we need to mow.
 - How would the Commission like to proceed?

III. ADMINISTRATIVE DECISIONS

10. **Minutes of 9/20/18 to be approved.**
 - a. **Documents Presented:** **draft minutes** **draft minutes**
 - **Staff Recommendations:** Vote to approve the 9/20/18 minutes.

IV. ISSUES AROUND TOWN DECISIONS – none at this time

UPDATES

V. WETLANDS UPDATES

- **56 Farwell:** Due to get underway within a month.
- **Road Salt:** update from Shane Mark received. **update**
- **Mitigation area BMPs:** BMPs for addressing invasives are being researched.

VI. CONSERVATION AREA UPDATES

- **Oakdale Woods Encroachment.** A restoration plan and budget (~\$2200) have been developed for 261 Parker St. **aerial and photos**
- **Norumbega slope restoration.** No were bids received. City contractors will be pursued.
- **Stewards will be offered workdays and potluck dinners to:** install fence at Norumbega, place stairs/erosion controls at Charles River Path, install restoration plants in Saw Mill Brook behind 70 Wayne Rd., build an upland trail in Kessler Woods undertake trail and parking lot improvements at Saw Mill Brook.
- **Coordinated land management proposal** has been sent to Parks and Rec. proposing shared mowing and street clean ups, and shared street tree removal. Seasonal assistance will be sought for special projects and trail clearing.

VII. ISSUES AROUND TOWN UPDATES

- **Climate Action workshops:** CAP workshop = Oct 23, CCVA workshop = Oct 29.
- **Walking Loops.** MIT intern will work for 3 weeks in January to design 1-3 trial walking loops, creating for each a map, budget, medallion design, medallion/post placement map, location for benches, points of interest, etc. and installing mock medallions as a trial.

VIII. ADMINISTRATIVE MATTER UPDATES

- **MACC Fall Conference.** 10/20/18 in Leominster.

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

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10/11/18
 1a 1 WELLS AVE - PROPOSED BRIDGE + TRAIL LAYOUT

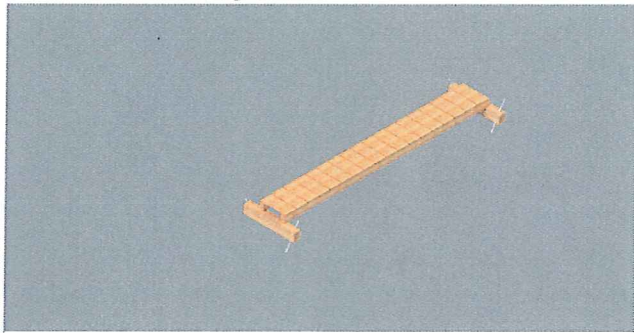
Project Description and Benefit

Briefly describe your project.

I will be constructing a bridge across a small stream that currently blocks the Helen Heyn Riverway hiking trails and connect it to the rest of the trail with a wood-chipped path.

Attach sketches or "before" photographs if these will help others visualize the project.

Please click below to add images (JPEG, JPG, BMP, GIF, TIF, PNG, etc.)



A render of the designed bridge



Current appearance of the stream with a string above where the bridge will be



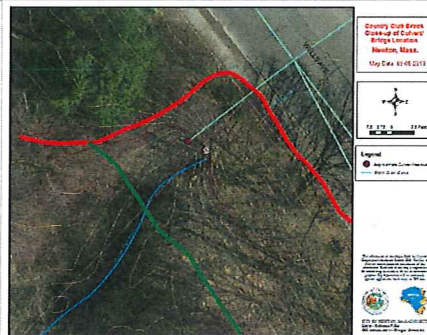
Current appearance of the stream with a string above where the bridge will be



Current appearance of the stream with a string above where the bridge will be



Map of the area with current trail in red, stream in blue, and proposed trail in green



Close-up map of the area with current trail in red, stream in blue, and proposed trail in green

Tell how your project will be helpful to the beneficiary. Why is it needed?

Currently, hikers on the trail must leave the woods and go around the river on the sidewalk. A bridge would allow hikers to remain in nature and provide a more scenic view. A wood-chipped trail will keep the underbrush from growing back and provide a nice surface for hiking on.

When do you plan to begin carrying out your project? October 13th

When do you think your project will be completed? October 28th

161 WELLS AVE - PROPOSED TRAIL LAYOUT

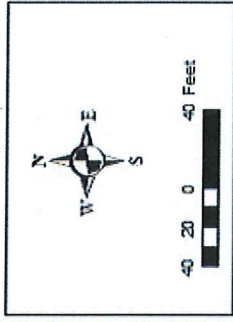
10/11/18



Country Club Brook
Area Overview

Newton, Mass.

Map Date: 09-06-2018



Legend

Buffer Zone line

— current trail alignment

— proposed trail alignment

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CITY OF NEWTON, MASSACHUSETTS
Mayor • Ruthanne K. Miller
GIS Administrator • Douglas Greenfield

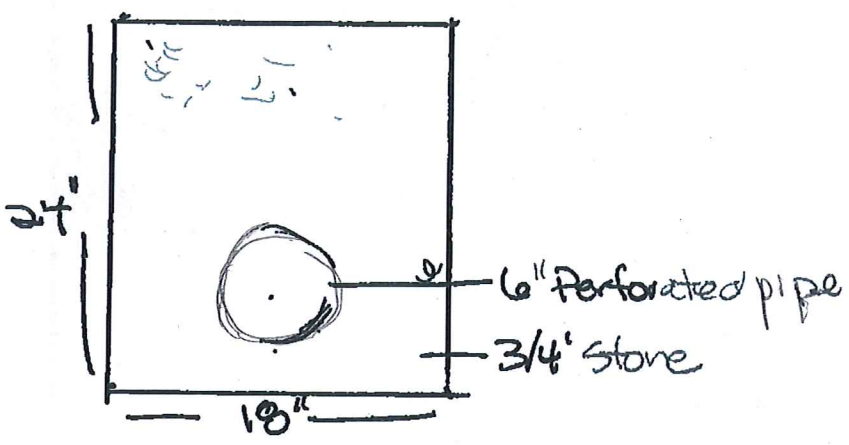
(2a) COBB PLACE - PROPOSED LAYOUT

10/11/18

submitted 10/3/18

DUKHINDA RD

Country Drain 1" = 10'



- Passing to flare to 32' as existing Road is now
- Road to be cut at Dukhinda gutter line
- Passing to be 19' to 13' wide. Pitched to either side toward Country drains
- 10" x 24" Country drain on either side of road (see drain diagram)

Existing Grades

- 171' from Quinobearin & from passing area
- 150' from Quinobearin 9' from passing area
- 129' from Quinobearin 7' from passing area
- 106' from Quinobearin 1' from passing

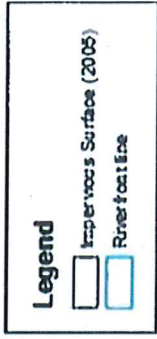
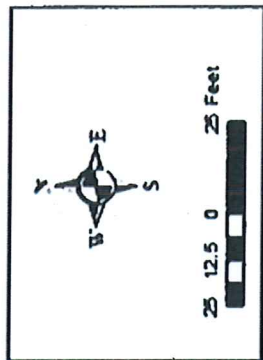
Scale 1" = 40'

At 18' from Quinobearin begin flare to 54' wide as is existing flare. Cut road at Quinobearin gutter line

Quinobearin Rd.

10/11/18 (26) COBB PLACE - AERIAL OF PROPOSED WORK

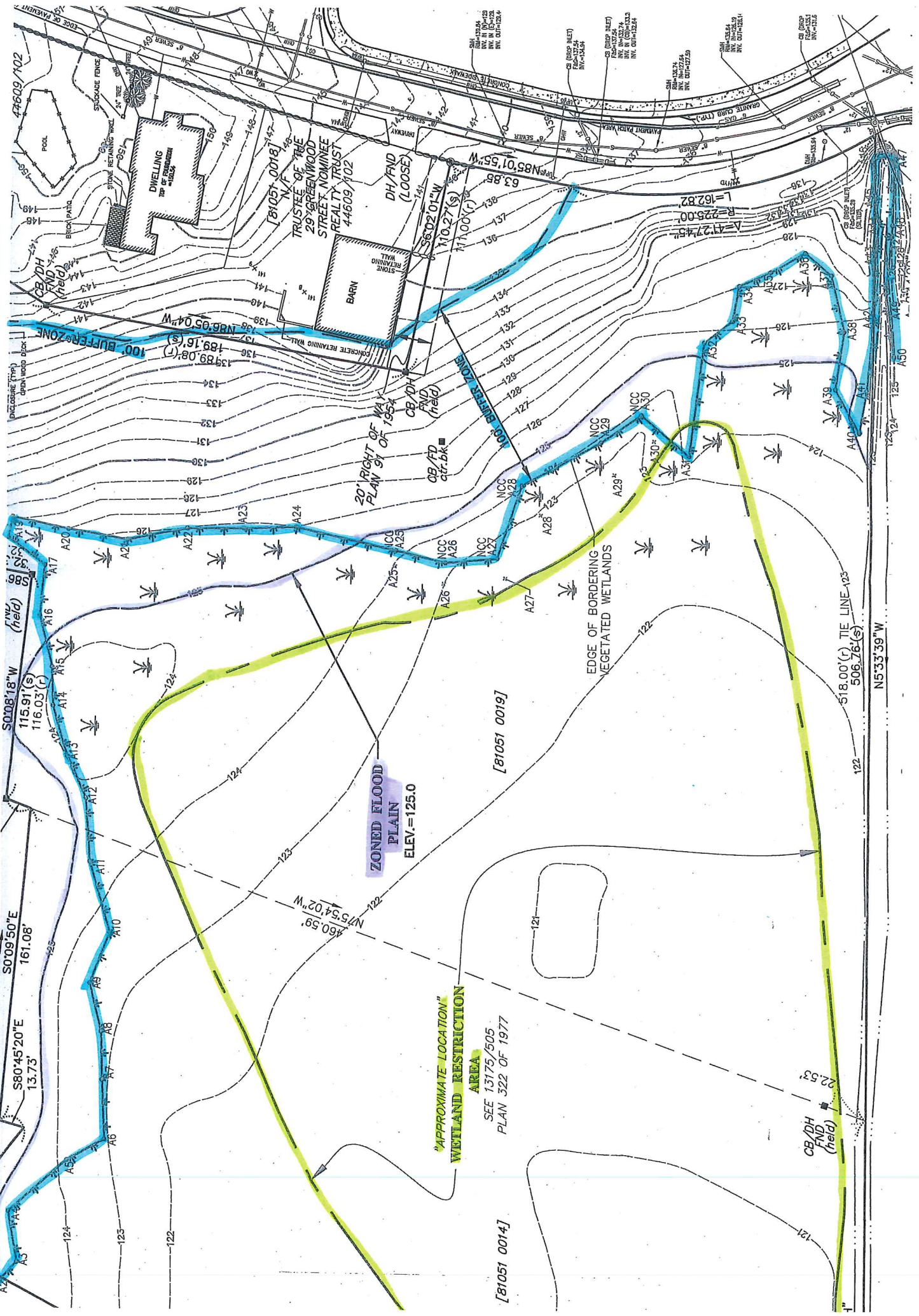
**Cobb Place
Repaving
1" = 50'**
Newton, Mass.
Map Date: 10-03-2018



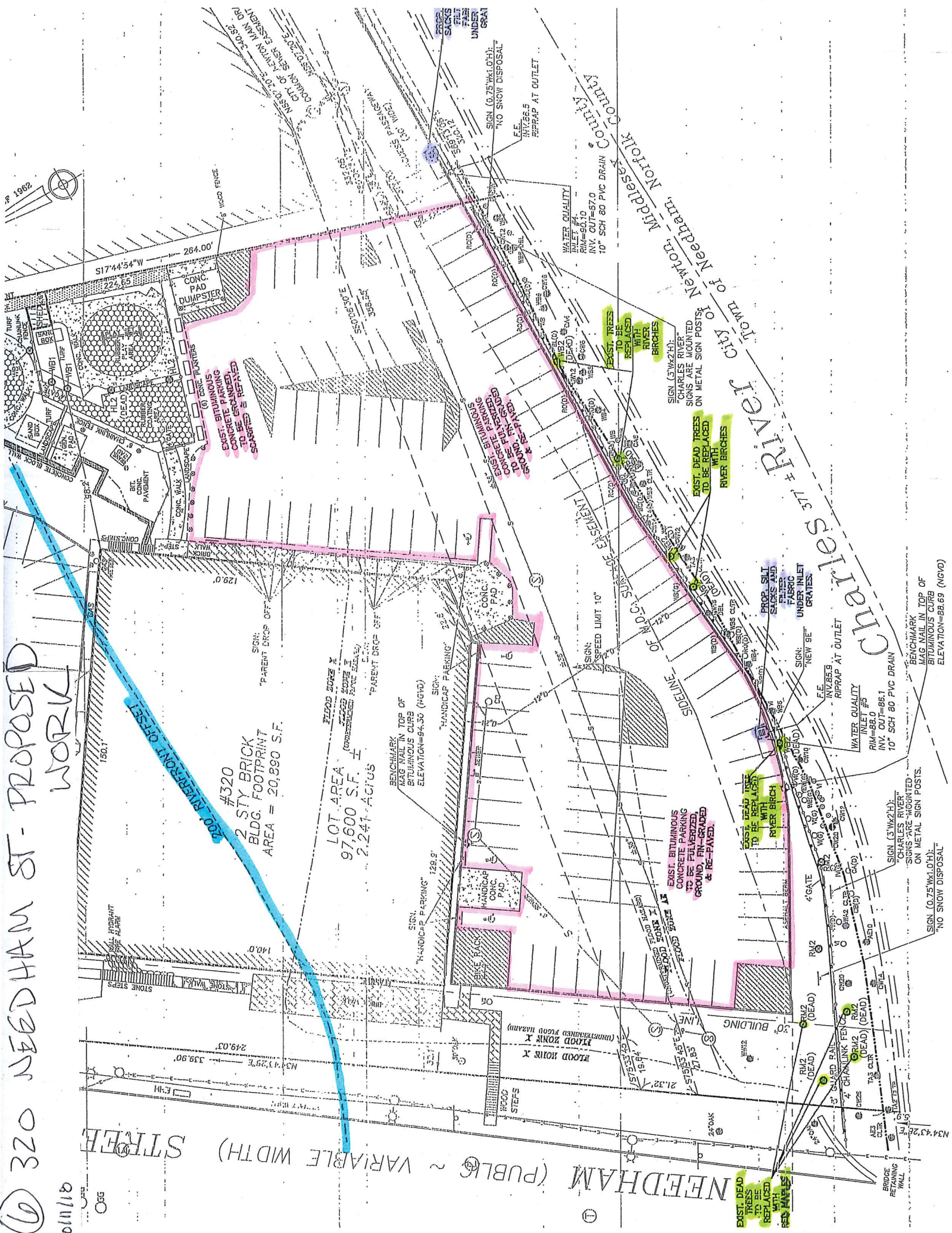
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5 10/11/16 29 GREENWOOD ST - WETLAND FLAGS



320 NEEDHAM ST - PROPOSED WORK



#320
2 STY BRICK
BLDG. FOOTPRINT
AREA = 20,890 S.F.

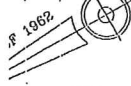
LOT AREA
97,600 S.F. ±
2.24± ACRES

BENCHMARK
MAG NAIL IN TOP OF
BITUMINOUS CURB (NGVD)
ELEVATION=94.30

6/11/18
BEG

BENCHMARK
MAG NAIL IN TOP OF
BITUMINOUS CURB
ELEVATION=88.69 (NGVD)

NEEDHAM (PUBLIC ~ VARIABLE WIDTH) STREET



City of Needham, Middlesex County
Town of Needham, Norfolk County



Newton, Mass.

1st priority
2nd priority

Deer Park
(~16 acres)

— mow to
create trail
brush-hog
to create trail

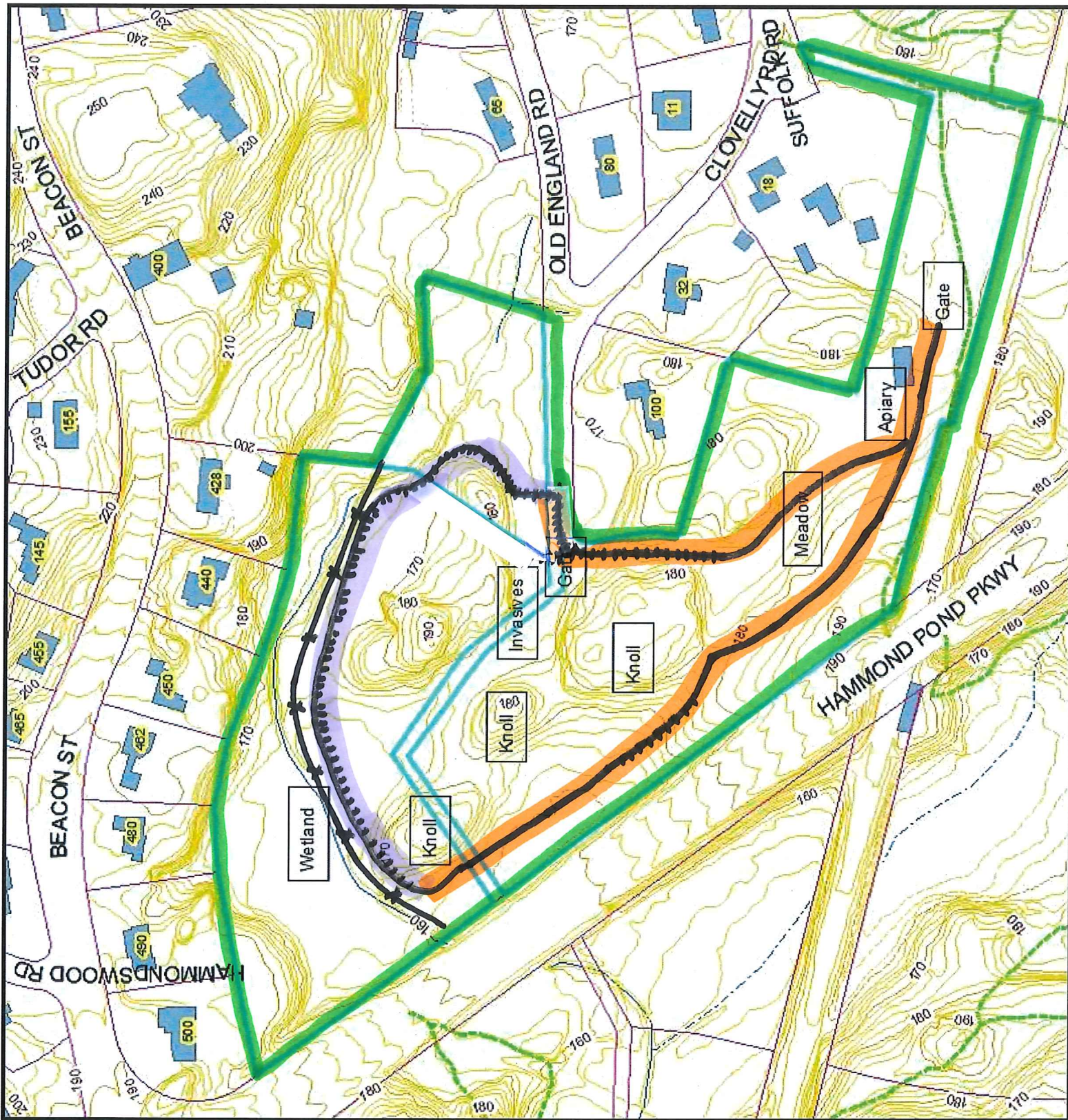
weed whack
around specimen
trees

125 62.5 0 125 Feet



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CITY OF NEWTON, MASSACHUSETTS
Mayor - Seth D. Warren
GIS Administrator - Douglas Greenfield



CONSERVATION COMMISSION MINUTES

Date: September 20, 2018

Time: 7:07 pm

Place: City Hall, Room 204

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

Members Present: Dan Green, Judy Hepburn, Jeff Zabel

Staff Present: Jennifer Steel

Members Absent: Susan Lunin, Norm Richardson, Ellen Katz, Kathy Cade (Associate)

Members of the Public: See sign-in sheet

DECISIONS

I. WETLANDS DECISIONS

1. NOI – 156 (&170) Otis Street – storm drain system repairs – DEP File #239-814

- Request: Applicant is seeking OOC to restore an existing drainage pipe and two catch basin inlets to said pipe on 156 and 170 Otis Street.
- Owner: Brian Hickey (156 Otis St LLC) & Stephen and Joan Kelly (170 Otis Homeowners)
Applicant: Ted Jerdee, Newton Director of Utilities Rep.: John Rockwood (EcoTec, Inc)
- Documents Presented: colored plans plans, photos, draft OOC
- Jurisdiction: Buffer Zone to bank, Bank, and LUWW
- Presentation (John Rockwood) and Discussion
 - **Project Summary:** As per Order of Conditions (#239-801), the owner of 156 Otis was obligated to repair the non-functioning drainage system that runs under the rear portion of the 156 lot. The pipe was TV'd and determined to be in fine shape. Based on conversations with City Utilities staff, the following repairs are needed to the system.
 - Replacement of the inlet for the upstream catch basin on 170 Otis Street with a "beehive" to prevent clogging.
 - Reconstruction of the berm between 170 and 156 Otis Street with riprap to encourage water flow into the new inlet structure.
 - The existing downstream catch basin on 156 Otis St. is buried ~3 feet. Excavate and raise the existing catchbasin structure, replace the inlet structure with a beehive grate, and install a riprap apron to prevent clogging and prevent the existing condition of sheet flow of stormwater runoff from 156 onto the adjacent lot on Walden Street.
 - **Impact Summary**
 - At the upstream catch basin: remove accumulated debris from a 25' x 7' swath upstream catch basin to encourage flow into the catch basin. All work will be by hand with shovels and wheel-barrows.
 - The "patch" in the berm will cover approximately 15 sq ft of BVW. Water will now be ponded behind the berm (to an elevation of 131') and channeled to the inlet "stub" pipe and catch basin. Any water exceeding 131 feet will overtop the berm and flow through the existing intermittent stream channel to the downstream catchbasin. All work will be by hand with shovels and wheel-barrows.
 - At the downstream catch basin: (1) a 7" elm tree will be removed, (2) temporary stream crossing (8' wide plywood sheets) will be installed for access, (3) A 10' x 6' area of vegetation and debris will be excavated, and (4) a 10' x 6' stone apron will be installed. Work will be facilitated by a small rubber tracked excavator.
 - **Other Discussion**
 - Maintenance of the system will be up to the City.
- Vote: to close the hearing and issue an OOC with the following special conditions (Motion:



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

www.newtonma.gov

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Jeff Zabel; Second: Dan Green; Vote: 4:0:0).

Prior to the start of work

21. Flagging or caution tape must be installed to define access points and the limits of work on 170 Otis St.
 22. The applicant must schedule and attend a pre-construction site visit to review:
 - a. Flagging used to define the limits of work on 170 Otis St.
 - b. DEP File number sign (minimum size 2'x2', clearly visible from the street)
 - c. Proof of Recording the Order
 - d. Contact information for those responsible for construction, sediment controls, and landscaping
 - e. Anticipated timeline
- Present should be:
- f. Applicant or Applicant's Representative(s)
 - g. Applicant's Construction Supervisor (person responsible for compliance with this Order and who may be held jointly responsible for any violations and the penalties under the law for said violations)
 - h. Agent(s) of the Commission

During Work

23. All work on the CB and berm behind 170 Otis St. shall be conducted by hand and with hand tools. No heavy equipment shall enter this area or the wetland.
24. Proper site protection (plywood planks) shall be installed prior to excavation of the catchbasin on 156 Otis St. Nothing larger than a mini rubber tracked excavator shall be used for excavation and/or construction of the apron.

After Work

25. An as-built plan signed by the engineer certifying compliance with the approved plans/order must be submitted.

2. NOI – Cobb Place – paving private right-of-way – DEP File #239-817

- Request: Applicant is seeking OOC to pave an existing, graveled, privately owned street and install country drainage on either side of the street.
- Owner: multiple Applicant/Representatives: Barry Sarao (M. Delvecchio Construction)
- Documents Presented: sketch plan plans, photos, draft OOC
- Jurisdiction: Riverfront Area
- Presentation (Joseph Sarao, Delvecchio Construction) and Discussion
 - **Project Summary**: Applicant is proposing to excavate the existing gravel, asphalt (apron from Quinobequin Rd.), and an unsuitable soil from the private ROW. Any good quality gravel removed will be re-used to regrade the ROW and extra gravel will be brought in as necessary to maintain existing grades. The roadway then be paved and country drainage will be provided by perforated pipes in stone trenches along the road sides.
 - **Impact Summary**:
 - Applicant is proposing to pave Cobb Place, an existing 22' wide gravel roadway. A 90' stretch of Cobb Place falls into outer riparian zone (RFA)
 - The proposed increase in "impervious" surface area within RFA is roughly 1980 s.f.
 - Applicant is proposing country drainage for stormwater management.
 - Trees and tree roots that line portions of the road must be considered and protected from trenching.
 - Increased runoff out to Quinobequin Road must be accommodated so as to not exacerbate ponding at the intersection.
 - **Other Discussion**
 - Will the proposed perforated pipes be tied into a City stormdrain system? Will the road be crowned or pitched? Will there be curbs? Where will the infiltration trenches be located? What are the details of the trenches?

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- The applicant and the presenter agree that far more details about the proposed road layout and drainage are needed for a decision to be made. The applicant sought a continuation to allow time to develop proper plans.
- Consensus: to continue the hearing to 10/11/18 with revised plans due by 10/1/18 (Monday)

3. NOI – 87 Boulder Road – teardown/rebuild single-family home – DEP File #239-816

- Request: Applicant is seeking OOC to demolish an existing single-family house and build a new single-family house.
- Owner/Applicant: Ilya Fuchs Esq. Representatives: John Rockwood (EcoTec, Inc) and Mikhail Deychman
- Documents Presented: colored plans plans, photos, draft OOC
- Jurisdiction: Riverfront Area, BLSF, and City Flood zone
- Presentation (John Rockwood) and Discussion
 - **Project Summary**
 - Applicant shall remove the existing 1-story SFH, driveway, appurtenances, and landscaping and construct a new 2-story SFH, driveway, appurtenances, and landscaping.
 - **Impact Summary**
 - All 1088 sf of impervious area within the RFA will be removed and replaced with lawn and landscaping.
 - Total impervious area will be reduced: house from 2703 sf to 2189 sf; driveway from 1073 sf to 588 sf
 - Driveway runoff will be intercepted and directed to a trench drain and infiltration system.
 - 555 sq ft of native plantings will be installed.
 - An excess of 9% of the required compensatory flood storage will be provided.
 - **Other Discussion**
 - New plans with test pit information and addressing Engineering's requests were submitted at the meeting. Those plans indicate that the infiltration system will be above Seasonal High Ground Water.
 - The basement will be in the flood plain, but will not be habitable, a Building Department concern.
 - The planting schedule has many wetland species, but John Rockwood is confident that the selected species will thrive.
 - Abutter from 40 Placid noted concerns about the fence being moved to the property line (disturbing plantings on his side of the fence) and on the new trees being placed so close to the property line and encroaching on his "air space". The Commission noted that the neighbors should resolve those concerns, but that the plans as presented were permissible and that moving the proposed plants around on the site, if desired, would be administratively approvable.
- Vote: to close the hearing and issue an OOC with the following special conditions (Motion: Judy Hepburn; Second: Jeff Zabel; Vote: 4:0:0).

Prior to the start of work

26. The applicant must schedule and attend a pre-construction site visit
27. The applicant shall provide proof of Engineering review and approval of the proposed infiltration system prior to the start of construction.
28. Contingencies
 - a. Dewatering plans and accommodations: If dewatering on the project site is required, the Applicant shall provide to the Conservation Commission for review and approval prior to dewatering a dewatering plan designed to limit and control any effects of dewatering on the wetlands resource area adjacent to the project site.
 - b. Concrete washout plans and accommodations: If any concrete work will occur on the site, the Applicant shall provide to the Conservation Commission for review and approval prior to washouts a concrete washout plan designed to limit and control any effects of concrete washouts on the wetlands resource area adjacent to the project site. No concrete washout station for the Project shall be located in the Wetlands Resource Area or the Buffer Zone.
29. Tree protection: Since no mature trees are due to be removed, appropriate tree protection (i.e., orange snow fence (or the equivalent) at the dripline) must be installed to ensure complete protection throughout the construction process. If any trees within the jurisdictional area within the project area die within 2 years of the

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start of construction or have been demonstrably harmed by construction activities, they shall be replaced at a ratio of 2:1 with native canopy saplings (of roughly 2 caliper inches).

30. The O&M plan must be recorded with this Order and with the Certificate of Compliance.

During Work

31. Landscape plantings within Commission jurisdiction must: Be installed in compliance with the approved plans and must survive over 75% of the planting area for 2 growing seasons
32. Applicant must provide compensatory flood storage as per the plans. This shall be demonstrated through an as-built plan with 1-foot contours.
33. The stormwater infiltration system must be installed as per the approved plans.
34. The City Engineer must inspect the infiltration system. The applicant must submit proof of inspection to the Conservation Office.
35. The Operations and Maintenance Plan must be recorded at the Registry of Deeds.

After Work

36. An as-built plan signed by the engineer certifying compliance with the approved plans and order must be submitted.
37. A letter from a landscaper certifying compliance with the approved planting scheme must be submitted. A Certificate of Compliance shall not be issued until after two growing seasons after plantings have been installed and found to be well established.

Perpetual Conditions Specific to this Project

38. Operation and Maintenance. The approved Operations and Maintenance Plan is appended hereto and must be adhered to.
39. The use of herbicides and other pesticides is prohibited and fertilizers shall be limited to slow-release organic fertilizers to improve water quality in the adjacent wetlands and waterways.
40. Required mitigation planting areas shall be maintained in perpetuity in their predominantly natural condition.
41. No fill shall be placed within the flood zone (including the newly created swale) without prior approval of the Commission.

4. NOI – 1 Quinobequin Rd – Gas main replacement under Charles River – DEP file #239-810 N.B. DEP refers to this project as “66 Walnut St.” (the Wellesley location).

- Request: Applicant is seeking OOC to replace a 16” gas main under the Charles River.
- Owner: DCR (Patrice Kish, signer) Applicant: Andrew Shelby (National Grid) Representative: Jonathan Novak (Coneco Engineering)
- Documents Presented: colored plans plans, photos, aerials, draft OOC
- Jurisdiction: Bank, LUWW, Riverfront Area, BLSF
- Presentation (Jonathan Novak) and Discussion
 - **Project Summary**
 - Applicant proposes to vacuum trench in the river and “regular” trench on the shore to install a new pipe and cap the old pipe. The alignment is from an existing Wellesley regulator building to an existing Newton transmission station on DCR land.
 - Gas line repair/replacement/maintenance is potentially exempt (10.02).
 - Gas line repair/replacement/maintenance is also permittable as a “limited” project (for work in LUWW)
 - Proposed project appears to meet performance standards for work in RFA and Bank.
 - River flow is said to not be impeded.
 - Work is anticipated to last 4-6 weeks.
 - **Impact Summary**:
 - Bank: 21 lf of alteration, but no significant adverse impact to wildlife habitat
 - LUWW: 721 sf of temporary alteration, but no permanent alteration
 - BLSF: 5949 sf of alteration, but no net fill and no significant adverse impact to wildlife habitat
 - RFA: 5949 of alteration, but no significant adverse impact
 - **Other Discussion**

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- Alternative methods (e.g., horizontal directional drilling) are not viable given topography and location of roads.
- Vacuum trenching is basically “placer mining” with high pressure water hose and a vacuum hose.
- Trench will be 5 feet deep and 2 feet wide.
- Vacuum trenching and excavation will occur during low flow period and should only last a few days.
- All vacuum spoils will be dealt with in Wellesley.
- Newton’s dry land trench spoils will be dewatered in Newton.
- The turbidity curtain may need to be doubled. A detail will be provided.
- Applicant may need to secure a USACE 404 permit.
- Applicant must restabilize the bank with something like coir logs and willow whips where trenching disturbs the established bank and root mass.
- **Vote:** to close the hearing and issue an OOC with the following special conditions (Motion: Dan Green; Second: Jeff Zabel; Vote: 4:0:0).

Prior to the start of work

21. The applicant must schedule and attend a pre-construction site visit:
22. Dewatering shall occur within a hay bale “basin” as per the plans.
23. No net fill is allowed within flood zone on the site. Original grades must be reestablished.
24. All existing trees except for the one mature tree noted as “to be removed” and the nearby ~7” deciduous tree must be protected (in their entirety, including trunks, branches, and roots) during construction and restoration activities.
25. Disturbed bank shall be re-stabilized after excavation and pipe installation are complete. Stabilization shall be accomplished using anchored coir log and live native willow “whips” or the “green” structural equivalent.
26. A plan and detail shall be submitted to the Conservation Office for review and approval prior to the start of work to ensure full protection of downstream resources.

During Work

27. All work associated with the project that requires the temporary diversion of the Charles River shall be completed during the “low-flow” months of August-October.
28. Restoration and stabilization seed and plantings within Commission jurisdiction must survive over 75% of the planting area for 2 growing seasons for a Certificate of Compliance to be granted.

After Work

29. All exposed soils within resource areas, and buffer zones must be stabilized with a permanent vegetative cover.
30. Excess material including but not limited to soil, cut vegetation or other landscape debris generated from work associated with this project shall be removed from the site and disposed of in a legal fashion.
31. An as-built plan signed by the engineer certifying compliance with the approved plans and order must be submitted.

5. NOI – Needham Street/Needham-Highland Bridge – road reconstruction and bridge rehab – DEP file #239-815

- **Request:** Applicant is seeking OOC to reconstruct Needham Street from Winchester Street to the Oak/Christina Intersection and to rehabilitate the Needham St. bridge across the Charles River.
- **Owner:** MassDOT **Applicant:** Sue McArthur (MassDOT) **Representative:** Marie Sullivan, Dave Glenn, Tom Currier (Stantec)
- **Documents Presented:** colored plans plans, photos, aerials, draft OOC
- **Jurisdiction:** LUWW, Riverfront Area, BLSF
- **Performance Standards**
 - **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.”
 - **RFA: Redevelopment within Previously Developed Riverfront Areas; Restoration & Mitigation: 10.58(5)**
 - ... work improves existing conditions.

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- Redevelopment means ... reuse of degraded or previously developed areas.
- A previously developed riverfront area contains areas degraded prior to August 7, 1996....
- Work to redevelop previously developed riverfront areas shall ...:
 - (a) At a minimum, work shall result in an improvement over existing conditions ...
 - (b) Stormwater management is provided according to standards
 - (c) Proposed work shall not be closer to the river than existing conditions or 100', whichever is less
 - (d) Proposed work...shall be located... away from the river, except in accordance with 10.58(5)(f) or (g).
 - (e) ... proposed work shall not exceed the ... degraded area ... except in accordance with 10.58(5)(f) or (g).
 - (f) despite what it says in 310 CMR 10.58(5)(c), (d), and (e), more alteration at the RFA outer boundary may be allowed if an applicant proposes restoration ... of at least 1:1 ...
 - (g) despite what it says in 310 CMR 10.58(5)(c), (d), or (e), more alteration at the RFA outer boundary may be allowed if an applicant proposes mitigation ... of at least 2:1
 - (h) The issuing authority shall include a continuing condition in the COC ...under 10.58(5)(f) or (g) prohibiting further alteration within the restoration or mitigation area....
- **LUW: 10.56**
 - (a) Work shall not impair the following:
 1. The water carrying capacity within the defined channel, which is provided by said land in conjunction with the banks;
 2. Ground and surface water quality;
 3. The capacity of said land to provide breeding habitat, escape cover and food for fisheries; and
 4. The capacity of said land to provide important wildlife habitat functions.
 5. Work on a stream crossing shall be presumed to meet the performance standard set forth in 310 CMR 10.56(4)(a) provided the work is performed in compliance with the Massachusetts Stream Crossing Standards...
 - (b) The issuing authority may issue an Order to maintain or improve boat channels
 - (c) No project may be permitted which will have any adverse effect on rare species.
- Presentation and Discussion
 - **Project Summary**
 - Applicant is seeking OOC to reconstruct the Needham Street ROW from Winchester Street to the Oak/Christina Intersection. There will be new cross-sections established to provide dedicated bike lanes, and sidewalks, intersection improvements, and drainage improvements.
 - Applicant is also proposing to rehabilitate the existing bridge crossing the Charles River at terminus of Needham Street and the beginning of Highland Street on the Needham side of the river to accommodate expanded bike lanes and sidewalks.
 - The City has been working with the state for years on this project and so the design is "at 100%" now.
 - Stormwater improvements include new deed-sump hooded catch-basins, 5 infiltration trenches, and the excess capacity of the stormwater swale being built in conjunction with the Oak/Christina/Needham Street intersection project permitted a couple of years ago.
 - **Impact Summary: The project will entail**
 - No impact to bank
 - Temporary alterations to ~200 sf of LUWW associated with the installation of scaffolding for work to repair the bridge abutments and facing.
 - Minor changes to the cross-sections will affect BLSF, but there is due to be a net increase in flood storage capacity of 165.5 cy.
 - Work within RFA will primarily be alterations to prior degraded areas. There will be one half acre new impervious area because of expanded sidewalks and bike paths.
 - 6 Infiltration trenches and new deep sump catch basins will decrease stormwater contributions to the City system and provide greater treatment.
 - DEP's stormwater standards are being met.

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- TMDL requires a reduction in Phosphorous. Reduction is shown (to the maximum extent practicable) in the stormwater report.
 - Work on the underside of the bridge will be by hand and access will be by foot.
 - **Other Discussion**
 - Plan set cover page says “75% sub redesign” but is signed 8-30-2018 and should be called “100%”. Marie will rectify that with a new title sheet.
 - Grading plan sheets will be submitted to clearly define what areas are being cut (2607 cy) and what areas are being filled (2442 cy).
 - Erosion controls near the bridge will be modified to be entrenched silt fence with a proper “J” hook at the end.
 - Dave Glenn will clarify what portion of stormwater flows from small storms the infiltration trenches and stormwater swale will treat.
 - Infiltration trench detail will be clarified.
 - O&M plan for the stormwater system will be provided
 - Concrete washout plans will be necessary but will likely have to be conditioned.
 - SWPPP will likely have to be conditioned.
 - Plans for Installation and maintenance of protective shielding/netting under bridge will be necessary.
 - Consensus: Continue to 10/11/18 to allow the applicant time to provide the materials described above.
- 6. NOI/Enforcement Action – 33 Wayne Rd. – Tear-down/re-build – DEP file #239-811**
- Request: Applicant requested a continuation to the 10/11/18 meeting to allow time to develop a plan to bring the site into compliance with the wetland regulations
 - Owner: Carmine Petruziello Applicant: Carmine Petruziello Representative: John Rockwood (Ecotec, Inc)
 - Documents Presented: none
 - Consensus: Continue to 10/11/18 to allow the applicant time to provide the necessary materials.
- 7. COC – 1 Malvern Terrace – DEP File #239-726 – tear down/rebuild single-family home**
- Request: Applicant is requesting a Certificate of Compliance. The applicant has been asked to close out the now expired OOC. The project has been approved and permitted under a new OOC DEP file #239-808. The work completed under DEP file #239-726 included demolishing the original single-family home, removing the large maple tree, removal of trees and shrubs along the southern property line, and capping the old utilities. Construction of the new house, driveway, infiltration system, and restoration planting area had not been initiated when 239-726 expired. The new OOC (DEP file #239-808) permits/requires construction of the new house, driveway, infiltration system, and restoration planting area.
 - Owner/Applicant: Mandayam Srinivasan Representative: none
 - Documents Presented: none photos, draft COC
 - Presentation and Discussion: A staff site visit on 7/10/18 confirmed that the work that was done and was done in substantial compliance with the permit. The required state form and engineer’s letter have been received.
 - Vote: to issue a complete Certificate of Compliance, noting that much of work was never initiated and that a new OOC (DEP file #239-808) now governs this project with mitigation planting requirements (motion: Judy Hepburn; second: Dan Green; vote: 4:0:0).
- 8. COC – 280 Islington Road – additions to a single-family home – DEP File #239-329**
- Request: Applicant is requesting a Certificate of Compliance for two additions to a single-family home constructed under OOC DEP file #239-329.
 - Owner/Applicant: Barry Payne and Sue Sheppard Representative: none
 - Documents Presented: none photos, draft COC
 - Presentation and Discussion:
 - The original OOC (DEP file #239-329) was issued in 1997 but was never closed out.
 - An as-built plan, state form, and engineer’s letter were received, but an unpermitted hot tub and a berm had been placed within the flood zone and unpermitted clearing had taken place.
 - In 2017 the new owner was told to bring the site in compliance by removing 3 cubic yards of fill, allowing the clearing to revegetate and installing mitigation plantings.

The location of this meeting is wheelchair accessible and reasonable accommodations will be provided to persons with disabilities who require assistance. If you need a reasonable accommodation, please contact the city of Newton’s ADA/Sec. 504 Coordinator, Jini Fairley, at least two business days in advance of the meeting: jfairley@newtonma.gov or (617) 796-1253. The city’s TTY/TDD direct line is: 617-796-1089. For the Telecommunications Relay Service (TRS), please dial 711.

- In 2018, two large pine trees were approved for removal.
- Staff site visits on 9/7/18 and 4/7/18 confirmed that the site has been brought into substantial compliance with the permit and the required modifications.
- Vote: to issue a complete Certificate of Compliance (motion: Jeff Zabel; second: Dan Green; vote: 4:0:0).

II. CONSERVATION AREA DECISIONS – none at this time

III. ADMINISTRATIVE DECISIONS

9. Minutes of 8/30/18 to be approved.

- Documents Presented: draft minutes draft minutes
- Vote to approve the 8/30/18 minutes (motion: Jeff Zabel; second: Dan Green; vote: 3:0:1).

IV. ISSUES AROUND TOWN DECISIONS – none at this time

UPDATES

V. WETLANDS UPDATES

- 56 Farwell: Jill Provencal issued a Superseding OOC. Her conditions were more limited than the Commission's.

VI. CONSERVATION AREA UPDATES

- Norumbega slope restoration. Bid meeting was held on 9/20/18.
- Old Deer Park. Bittersweet mowing/brush-hogging is desperately needed.
- Encroachments. A rough plan has been developed for 261 Parker St.
- Coordinated land management proposal will be sent to Parks and Rec. for mowing and street clean ups.

VII. ISSUES AROUND TOWN UPDATES

- Climate Action workshops: CAP workshop = Oct 23, CCVA workshop = Oct 29.

VIII. ADMINISTRATIVE MATTER UPDATES

- Wetland Ordinance – A new draft will be distributed for Commission review.
- MACC Fall Conference -- application was distributed.
- Annual report about water chestnut harvest – was distributed.

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

ADJOURN - Vote to adjourn at 10:46 (motion: Dan Green; second: Jeff Zabel; vote: 4:0:0).

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2018/2019 Winter Salting Plan

Meeting with Shane Mark on 9/21/18

No new low salt areas.

All pre-storm treatment of the roads will be with brine this season and not dry rock salt. Normal salt pre-treatment is around 200 lbs/lane mile. The new brine treatment will involve 40 gallons/lane mile, and each gallon has roughly 2.8 lbs of salt; overall a huge decrease in pre-treatment salt amounts.

The City previously used a combination of NaCl and MgCl products for deicing. The City has permanently switched to only using NaCl to reduce chlorine being used and distributed into our water bodies. Also MgCl and CaCl are the worst environmental alternatives to regular rock salt.