

June 20, 2018

Westwood Conservation Commission
Westwood Town Hall
580 High Street
Westwood, MA 02090

Re: Notice of Intent

118 Wilsondale Road, Westwood, MA 02090 (Map: 1, Lot: 17) and land located off
Westfield Street (Map 01 Lot 12)

Dear Westwood Conservation Commission:

Goddard Consulting, LLC (Goddard), is pleased to submit this Notice of Intent (NOI) on behalf of the applicant, Martin Sandborg, for the construction of a single-family home and associated structures on the property known as 118 Wilsondale Road in Westwood. This is a joint filing under the Massachusetts Wetlands Protection Act (WPA), Regulations 310 CMR 10.00 et. al. and the Town of Westwood Wetlands Protection Bylaw.

9 copies of the NOI application are enclosed, along with full size site plans and an electronic copy of the submittal and plans. The titles of all the documents enclosed are as follows:

- NOI Cover letter with project narrative, wetland impacts and mitigation and compliance analysis
- NOI (WPA Form 3) Application Form
- NOI Wetland fee Transmittal Form
- Copies of submittal checks
- Filing Procedure Summary Sheet
- Westwood filing fee worksheet
- Affidavit of Service, Abutters List, Notification to Abutters
- Signed copy of 45-day waiver form
- Affidavit from Westwood Town Clerk for Town Clerk Copy of the NOI
- *Wetland Border Report*, Goddard Consulting, LLC,
- *USGS Site Locus*. Goddard Consulting, LLC
- *Ortho View of Site*. Goddard Consulting, LLC
- Wetland Replication Plan, Goddard Consulting, LLC. June 18, 2018
- Westwood Zoning Ordinance Documents
- *Building Permit & Notice of Intent Plan 118 Wilsondale Street Westwood, Massachusetts*, Norwood Engineering, June 11, 2018

Existing Conditions

118 Wilsondale Road is a ±.93acre forested lot that is currently undeveloped. The lot contains a centrally located wetland which segments upland areas within the small lot. Two intermittent streams are located within the delineated wetland system. The 100ft buffer zone associated with these resource areas covers the remainder of the lot.

Vegetation communities within the on-site BVW are dominant in red maple, buckthorn, sweet pepperbush, arrow-wood and wetland ferns. Uplands are dominant in red oak, white pine, multiflora rose, and Canada mayflower. This wetland extends from 118 Wilsondale towards Westfield Street. The second parcel associated with this NOI is located off Westfield Street (Map 1, Lot 12). This lot is ±.92acres and is also undeveloped and is the location of the proposed wetland replication area.

Several narrow dirt, walking trails interlace through the parcels and one stream channel has in the past been culverted with a small plastic corrugated pipe.

Proposed Conditions

The applicant proposes to build a ± 2,087s.f. single-family home. Structures directly associated with the residence include a proposed driveway of ±1029s.f., and a retaining wall surrounding the north and east sides of the residence. Placement of this retaining wall will reduce the grading required for the construction, thereby reducing impact to BVW.

The proposed house and driveway will add a total of 3100s.f. of impervious surfaces to the lot. A subsurface infiltration system designed to deal with the associated increase in runoff has been proposed at the front of the proposed residence (refer to enclosed plan).

The proposed dwelling will be connected to municipal sewer located on Wilsondale Street. No on-site sewerage is proposed.

A ± 560 s.f barn will be built on the east side of the property. A proposed 10' wide grass path will provide access from Wilsondale Road to the proposed barn. A retaining wall will be built to the west of the proposed grass path to reduce the need for grading to construct the "two track" path. With the proposed barn adding ± 560 s.f. of impervious surfaces to the lot, a crushed stone infiltration trench will be built on the west side of the proposed grass track. A subsurface infiltration system will be installed at the rear of the barn and is designed to handle stormwater runoff from the roof line. An additional catch basin is proposed at the front of the barn to capture additional runoff from the barn and access path, diverting it into the infiltration trench running along the path. The barn, access track, retaining wall and associated stormwater structures will be placed within the 100-ft BVW buffer zone. A summary of these impacts is provided in the section below.

A 3'x10' wood plank foot-bridge is proposed to cross the intermittent stream in the area of the existing culvert. The installation of this structure should not result in additional impact to resource areas.

Impact Summary

Proposed BVW impacts

A portion of the proposed house and driveway will be built within the BVW. The impact area is characterized by a dense herbaceous layer dominant in sensitive fern, cinnamon fern and eastern poison ivy. The woody vegetation within this area is sparse, limiting its wildlife habitat value.

The proposed house along with associated grading will cause ± 1329 s.f. of impacts while the proposed driveway will result in ± 526 s.f. of BVW impacts. In total, the proposed project will result in $\pm 1,855$ s.f. of permanent disturbance and ± 440 s.f. of temporary disturbance to resource areas. Wetland replication will mitigate at a ratio of 3.6:1. A summary of these values is provided in the table below.

Proposed Buffer Zone Impacts

Impacts within the buffer zone will total $\pm 6,199$ s.f. Of this ± 2376 s.f. will occur within the 10ft buffer. Impact within buffer zone is attributed to portions of the house, driveway, access path, barn, retaining walls and all stormwater management structures. A summary of these values is provided in the tables below.

Table 1: Impact Summary

Jurisdictional Area	Structure	Impact
BVW	House	± 426 s.f.
	Driveway	± 526 s.f.
	Grading	± 903 s.f.
Total		$\pm 1,855$ s.f.,
Buffer	House	$\pm 1,088$
	Barn	± 560
	Access Path	$\pm 1,756$ s.f.
	Infiltration Trench	± 96 s.f.
	Subsurface Infiltration System (House)	± 220 s.f. (temporary)
	Subsurface Infiltration System (Barn)	± 87 s.f. (temporary)
	Catch Basin	± 16 s.f.
Total		± 3516 s.f. perm, ± 307 s.f temp,
10ft Buffer	House & Grading	$\pm 2,167$ s.f.
	Driveway	± 209 s.f.
	Access Path	± 237 s.f.
Total		\pm

Table 2: Retaining Wall Lengths

Jurisdictional Area	Structure	Impact
BVW	Retaining Wall (House)	± 126 lnr. Ft
	Total	± 126 lnr ft
Buffer	Retaining Wall (House)	±10 lnr. ft
	Retianing Wall (Access Path)	± 374 lnr. ft
	Total	± 384 lnr. ft
10ft Buffer	Retaining Wall (House)	± 34 lnr ft
	Retianing Wall (Access Path)	± 79 lnr ft
	Total	± 113

Proposed Mitigation

To mitigate for the proposed impacts to BVW the applicant is proposing the construction of a wetland replication on an adjacent lot (near Westfield St) which is under common ownership. The replication area will be ±6,780s.f. in size and will mitigate for proposed wetland impacts at a ratio of 3.6:1 (4:1 would have been offered if space allowed). Details regarding the wetland replication area its construction can be found in the attached Wetland Replication Plan by Goddard.

In addition to replication the applicant is proposing to contract invasive species removal on a parcel of land owned by the Town of Westwood Conservation Commission. Candidate parcels of land and the scope of invasive species removal will be determined at the discretion of the Commission, the applicant and the applicant’s representative.

Regulatory Compliance

Under Local Zoning Ordinance

In consideration of grandfathering clauses regarding the amount of contiguous non-wetland area the proposed lot follows current zoning regulations governing lot requirements for Residence District SR-C. The 1998 zoning ordinance changed the required non-wetland area for this zoning district from 12,000 to 30,000s.f. As the lot was created prior to the enactment of this ordinance the lot is grandfathered and is therefore in compliance with zoning regulation. Information regarding the applicable zoning ordinance and enactment dates is included in the Zoning Ordinance Documents attached to this submittal

The table below provides a summary of proposed lot statistics and current requirements under by local zoning ordinance. Additional information regarding zoning ordinance and the dates of promulgation are attached.

Zoning Compliance Table

Item	Required	Proposed	
Lot Size	40,000 s.f.	40,420 s.f.	
Lot Area Upland*	12,000 s.f.	16,868 s.f.	
Lot Frontage	125 ft	170.09 ft	
Lot Width	125 ft	162.5 ft	
Setbacks:		House	Barn
Front	40 ft	41.0 ft	169.8 ft
Side	20ft/15' acc. bld	21.0 ft	16.0 ft
Rear	30 ft	187.5 ft	51.0 ft
Bldg. Coverage (Structure)	25%	6.8%	
Lot Coverage (Impervious)	50%	9.3%	

* 12,00 s.f. for all lots unchanged since 1998

Under the Bylaw

C. Alteration of resource areas.

[Added 1998 ATM by Art. 27; amended 2000 ATM by Art. 28]

(1) The presumption that activity undertaken within 35 feet of certain resource areas shall alter those resource areas, as set out in Subsection (11) of the definition of "alter" in § 392-8 of this bylaw, shall not apply to:

(a) Any lot shown on a subdivision plan filed and approved by the Planning Board pursuant to MGL c. 41, § 81P or 81S, for which application for Planning Board endorsement or approval has been made prior to March 1, 1998;

(b) Any lot otherwise in existence as of March 1, 1998;

(2) Such land and structures shall be subject to the presumption that any activity undertaken within 10 feet of the boundary of a wetland, bank, pond, vernal pool, stream or river shall alter that resource area. The subdivision of any lot otherwise grandfathered pursuant to Subsection C(1)(a) or (b) above shall be subject to the thirty-five-foot setback presumption.

The lot on which work is proposed was created prior to March 1, 1998 and therefore according to the bylaw, alteration within the 35ft buffer is not presumed to alter associated resource areas. Work within the 10ft buffer zone associated with this project is presumed to have impacts on

associated resource areas. Additionally, this project proposes direct impact to BVW and therefore is regulated under the bylaw. To mitigate for these impacts the applicant proposes the construction of a 3.6:1 replication area and offsite invasive species removal.

Under the WPA

The work proposed under this application impact the Buffer Zone to BVW, therefore under the WPA the project is subject to 310 CMR 10.02(3) which states:

“3. Activities within the buffer zone which do not meet the requirements of 310 CMR 10.02(2)(b)1. and 2. are subject to preconstruction review through the filing of a Determination of Applicability to clarify jurisdiction or a Notice of Intent under the provisions of 310 CMR 10.05(4) and 10.53(1).”

This submittal is a Notice of Intent application. The WPA Regulations [310 CMR 10.02(2)(b)] do not contain performance standards for Buffer Zone Alteration.

Statutory Interest Compliance

To show that the work proposed will not harm the interests protected by the Bylaw, MA WPA and DEP wetland regulations the following statutory interests and BVW/Buffer Zone compliance evaluation was performed.

Compliance with WPA Statutory Interests

Protection of Public and Private Water Supply and Ground Water Supply

The single-family house is proposed to be connected to town water and sewer facilities and as a result will not draw from ground water via a private well or have a leaching field to impact ground water resource areas.

Flood Control and Storm Damage Prevention

Storm damage prevention measures (i.e. erosion control barriers) will be installed prior to the start of work. These devices will be inspected prior to work and remain in place until all work is complete and areas permanently stabilized.

Prevention of Pollution

Erosion control measures will prevent pollution via erosion into adjacent resource areas.

Protection to Fisheries, Shellfish, Wildlife Habitat and Rare Species

Constructions and erosion control measures will be implemented to secure downstream protection to fisheries, shellfish and surrounding wildlife habitat. No rare

species and/or mapped vernal pools are within the vicinity of the site.

Protection of Recreation

No recreational resources will be impacted by the proposed project

MA WPA BVW and Buffer Zone Compliance Evaluation

The project falls within the jurisdiction of the regulation 310 CMR 10.55(4)(b), which regulates work within Bordering Vegetated Wetlands and their buffer zones:

Notwithstanding the provisions of 310 CMR 10.55(4)(a), the issuing authority may issue an Order of Conditions permitting work which results in the loss of up to 5000 square feet of Bordering Vegetated Wetland when said area is replaced in accordance with the following general conditions and any additional, specific conditions the issuing authority deems necessary to ensure that the replacement area will function in a manner similar to the area that will be lost:

- 1. The surface of the replacement area to be created ("the replacement area") shall be equal to that of the area that will be lost ("the lost area");*

The area lost will be replaced/replicated at a 3.6:1 ratio (more than twice need required amount).

- 2. the ground water and surface elevation of the replacement area shall be approximately equal to that of the lost area;*

The replication area proposed is at approximately the same elevation as the existing/adjacent wetland area and part of the same wetland system.

- 3. The overall horizontal configuration and location of the replacement area with respect to the bank shall be similar to that of the lost area;*

The proposed location of the wetland replication area will be similar in horizontal configuration and location.

- 4. The replacement area shall have an unrestricted hydraulic connection to the same water body or waterway associated with the lost area;*

The proposed replication area is adjacent to the same wetland.

- 5. The replacement area shall be located within the same general area of the water body or reach of the waterway as the lost area;*

The replacement area is located adjacent to the same wetland resource.

- 6. At least 75% of the surface of the replacement area shall be reestablished within indigenous wetland plant species within two growing seasons, and prior to said vegetative reestablishment any exposed soil in the replacement area shall be*

temporarily stabilized to prevent erosion in accordance with standard U.S. Soil Conservation Service methods; and

The wetland replacement area shall be planted with indigenous wetland species and will be monitored for two growing seasons. If after the first growing season it appears the vegetation within the replacement area needs additional plantings to meet the 75% establishment standard it will be done so that the area will meet the standard after two growing seasons. A final report will be submitted to the Commission after the second growing season.

7. *The replacement area shall be provided in a manner which is consistent with all other general performance standards for each resource area in Part III of 310 CMR 10.00. In the exercise of this discretion, the issuing authority shall consider the magnitude of the alteration and the significant of the project site to the interests identified in M.G. L. c. 131, 40, the extent to which adverse impacts can be avoided, the extent to which adverse impacts are minimized, and the extent to which mitigation measures, including replication or restoration are provided to contribute to the protection of the interests identified in M.G.L.c.131,40.*
- (c) Notwithstanding the provisions of 310 CMR 10.55 (4)(a), the issuing authority may issue an Order of Conditions permitting work which results in the loss of a portion of Bordering Vegetated Wetland when:*
- 1. said portion has a surface area less than 500 square feet*
 - 2. said portion extends in a distinct linear configuration ("finger-like") into adjacent uplands, and*
 - 3. in the judgement of the issuing authority it is not reasonable to scald won, redesign or otherwise change the proposed work so that it could be completed without loss of said wetland.*

Wetland impacts are un-avoidable if the lot is to be buildable. Mitigation includes a greater than twice the amount of wetland replacement that is required under the Act. Resource impacts have been minimized to the greatest extent practical and the project meet all general performance standards.

(d) Notwithstanding the provisions of 310 CMR 10.55(4)(a),(b)and (c), no project may be permitted which will have any adverse effect on specified habitat site of rare vertebrate or invertebrate species, as identified by procedures established under 310CMR10.59.

The site does not have rare wildlife mapped habitat.

(e) Any proposed work shall not destroy or otherwise impair any portion of a Bordering Vegetated Wetland that is within an Area of Critical Environmental Concern designated by the Secretary of Energy and Environmental Affairs under

*M.G.L. c.21A 2(7) and 301 CMR 12.00: Areas of Critical Environmental Concern.
310 CMR 10.55(4)(e).*

The site is not located in an ACEC


Conclusions

The project as proposed is a buildable lot according to zoning laws and has available town access to water and sewer. The house location and the use of retaining walls were carefully determined to minimize potential wetland and buffer zone impacts to greatest extend practical. The impacts to resources where un-avoidable due to the location of the wetlands on the small site. Proposed impacts will be replicated 3.6:1; which is more than 2 times greater than that required in the Wetlands Protection Act. Additional mitigation of off-site invasive species removal is also offered/proposed on town owned land with the location to be determined by the Commission and the applicant; at the applicant's expense.

Since wetland impacts have been minimized to the greatest extend, impacts will be mitigated far above that which is required as well as secondary/additional mitigation of invasive species removal on town owned land and the project is in compliance with state and local law and wetland bylaws we respectively request the commission to grant the applicant an Orders of Conditions for the proposed single-family house project.

Please feel free to contact us if you have any questions.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Scott Goddard', written in a cursive style.

Scott Goddard,
Principal & PWS



**Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands**

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Westwood Wetlands Protection Bylaw

MassDEP File Number

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Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (Note: electronic filers will click on button to locate project site):

118 Wilsondale Street Westwood
a. Street Address b. City/Town c. Zip Code
Latitude and Longitude: 42.254725 -71.231347
d. Latitude e. Longitude
01 17 and 12
f. Assessors Map/Plat Number g. Parcel /Lot Number

2. Applicant:

Martin Sanborg
a. First Name b. Last Name
c. Organization
210 Westfield Street
d. Street Address
Westwood MA 02090
e. City/Town f. State g. Zip Code
h. Phone Number i. Fax Number j. Email Address
martysandborg@gmail.com

3. Property owner (required if different from applicant): Check if more than one owner

Same as Applicant
a. First Name b. Last Name
c. Organization
d. Street Address
e. City/Town f. State g. Zip Code
h. Phone Number i. Fax Number j. Email address

4. Representative (if any):

Scott Goddard
a. First Name b. Last Name
Goddard Consulting, LLC
c. Company
291 Main Street, Suite 8
d. Street Address
Northborough MA 01532
e. City/Town f. State g. Zip Code
(508)393-3784 scott@goddardconsultingllc.com
h. Phone Number i. Fax Number j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

\$500 \$237.50 \$262.50
a. Total Fee Paid b. State Fee Paid c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

The applicant is proposing the construction of a sing-family residence and associated structures on an undeveloped lot. Construction will involve permanent alteration to BVW and Buffer Zone. The Applicant proposes wetland replication and invasive species management on adjacent lots to mitigate for wetland impacts

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Commercial/Industrial | 4. <input type="checkbox"/> Dock/Pier |
| 5. <input type="checkbox"/> Utilities | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation |
| 9. <input type="checkbox"/> Other | |

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. Yes No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Norfolk

a. County

20714

c. Book

b. Certificate # (if registered land)

215

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input checked="" type="checkbox"/> Bank	0 1. linear feet	0 2. linear feet
b. <input checked="" type="checkbox"/> Bordering Vegetated Wetland	perm:1,855, temp: 440 1. square feet	6,780 2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet 3. cubic feet of flood storage lost	2. square feet 4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced
f. <input type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) - specify coastal or inland	

2. Width of Riverfront Area (check one):

- 25 ft. - Designated Densely Developed Areas only
- 100 ft. - New agricultural projects only
- 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: _____ square feet

4. Proposed alteration of the Riverfront Area:

a. total square feet _____ b. square feet within 100 ft. _____ c. square feet between 100 ft. and 200 ft. _____

5. Has an alternatives analysis been done and is it attached to this NOI? Yes No

6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete Section B.2.f. above.



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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet 2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet 2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above 1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	

4. Restoration/Enhancement

If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.

a. square feet of BVW

b. square feet of Salt Marsh

5. Project Involves Stream Crossings

1 footbridge over intermittent stream

0

a. number of new stream crossings

b. number of replacement stream crossings



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C. Other Applicable Standards and Requirements

- This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PR/EST_HAB/viewer.htm.

a. Yes No **If yes, include proof of mailing or hand delivery of NOI to:**

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

Aug. 2017
 b. Date of map

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); OR complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area _____
 percentage/acreage

(b) outside Resource Area _____
 percentage/acreage

2. Assessor's Map or right-of-way plan of site

2. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

(a) Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) Photographs representative of the site

* Some projects not in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/>). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



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C. Other Applicable Standards and Requirements (cont'd)

(c) MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_fee_schedule.htm). Make check payable to "Commonwealth of Massachusetts - NHESP" and *mail to NHESP* at above address

Projects altering 10 or more acres of land, also submit:

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. Project is exempt from MESA review. Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing. a. NHESP Tracking # _____ b. Date submitted to NHESP _____

3. Separate MESA review completed. Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. Not applicable – project is in inland resource area only b. Yes No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694
Email: DMF.EnvReview-South@state.ma.us

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 &
Westwood Wetlands Protection Bylaw

Provided by MassDEP:	
MassDEP File Number	
Document Transaction Number	
Westwood	
City/Town	

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

C. Other Applicable Standards and Requirements (cont'd)

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
 a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
 b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
 a. Yes No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
 a. Yes No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
 a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
 1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. A portion of the site constitutes redevelopment
 3. Proprietary BMPs are included in the Stormwater Management System.
 b. No. Check why the project is exempt:
 1. Single-family house
 2. Emergency road repair
 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40 &
 Westwood Wetlands Protection Bylaw

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Westwood
 City/Town

D. Additional Information (cont'd)

- 3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
- 4. List the titles and dates for all plans and other materials submitted with this NOI.

Building Permit & Notice of Intent Plan 118 Wilsondale Street Westwood, Massachusetts

a. Plan Title

Norwood Engineering

b. Prepared By

6/11/18

d. Final Revision Date

Matthew D. Smith

c. Signed and Stamped by

1:30

e. Scale

f. Additional Plan or Document Title

g. Date

- 5. If there is more than one property owner, please attach a list of these property owners not listed on this form.
- 6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
- 7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
- 8. Attach NOI Wetland Fee Transmittal Form
- 9. Attach Stormwater Report, if needed.

E. Fees

- 1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

936, 937

2. Municipal Check Number

935

4. State Check Number

Martin

6. Payor name on check: First Name

6/1/18

3. Check date

6/1/18

5. Check date

Sandborg

7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP.

MassDEP File Number

Document Transaction Number

City/Town

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

[Handwritten Signature]

1. Signature of Applicant

6-1-2018

2. Date

3. Signature of Property Owner (if different)

5. Signature of Representative (if any)

4. Date

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a copy of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Location of Project:

118 Wilsondale Street

a. Street Address

935

c. Check number

Westwood

b. City/Town

\$237.50

d. Fee amount

2. Applicant Mailing Address:

Martin

a. First Name

Sandborg

b. Last Name

c. Organization

210 Westfield Street

d. Mailing Address

Westwood

e. City/Town

MA

f. State

02090

g. Zip Code

h. Phone Number

i. Fax Number

martysandborg@gmail.com

j. Email Address

3. Property Owner (if different):

Same as Applicant

a. First Name

b. Last Name

c. Organization

d. Mailing Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email Address

B. Fees

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
2a	1	\$500	\$500

Step 5/Total Project Fee: \$500

Step 6/Fee Payments:

Total Project Fee:	<u>\$500</u>
	a. Total Fee from Step 5
State share of filing Fee:	<u>\$237.50</u>
	b. 1/2 Total Fee less \$12.50
City/Town share of filling Fee:	<u>\$262.50</u>
	c. 1/2 Total Fee plus \$12.50

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
 Box 4062
 Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and a copy of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

TOWN OF WESTWOOD
Commonwealth of Massachusetts

Joseph E. Previtera, Chairman
Leo F. Grawe
William Stowe
Charles Piro



Steven Woodworth, Vice Chair
Michael Ferry
John C. Masterson

CONSERVATION COMMISSION

Filing Procedure Summary

The following procedures must be followed when filing under M.G.L. c.131, §40 or the Westwood Wetlands Protection Bylaw, Article 18, for a wetland permit. The procedures apply to Notice of Intents, Abbreviated Notice of Intents, Request for Determinations, and Abbreviated Notice of Resource Area Determination. All applications for permits under M.G.L. c.131, §40 must also be filed under the Westwood Wetlands Protection Bylaw, Article 18.

This summary is not to be considered all inclusive and in no way should an applicant misconstrue its contents to replace any part of M.G.L. c.131, §40 or the Westwood Wetlands Bylaw, Article 18.

- Nine (9) copies of the permit application and plans must be filed with the Conservation Commission by Certified Mail or hand delivered to the Commission Wednesday before noon, two weeks prior to the meeting.
- One copy of the permit application must be filed with the Town Clerk at least five (5) working days prior to the public hearing. All plans and supporting documents submitted to the Conservation Commission must accompany the filing to the Town Clerk.
- The applicant must FAX a signed affidavit to the Conservation Commission indicating that a complete copy of the application and associated plans has been filed with the Town Clerk. The FAX number is (781) - 461- 6837.
- One complete copy of the application must be filed with the Department of Environmental Protection at:
 - Department of Environmental Protection
 - NERO – Wetlands Division
 - 205B Lowell Street
 - Wilmington, MA 01887
- The application must include a certified list of abutters located within 300 feet of the property boundaries, according to the most recent records of the Town Assessors.

Westwood Conservation Commission
50 Carby Street
Westwood, MA 02090

Phone (781) 251-2580
Fax (781) 461-6837

- The applicant, at the applicant's expense, shall post to each abutter by certified mail, seven (7) working days prior to the hearing, by Return Receipt Requested or Certificate of Mailing, a copy of the public hearing notice supplied to applicant by the Commission and shall state where copies of the application, including plans, may be examined. Such notice shall include the date, time and location of the public hearing.
- At the applicant's expense, the Commission shall publish a legal notice in the Daily Transcript announcing the public hearing. The legal notice must be published at least five (5) working days prior to the hearing date. The notice shall include the date, time and location of the public hearing.
- The application must include a signed copy of the 45 day waiver form. This allows the Commission adequate time to respond to all filings in a reasonable fashion during times of increased work load.
- The application must include a copy of the Town of Westwood filing fee worksheet, a wetland transmittal worksheet and checks to cover the appropriate fees made out to the Town of Westwood.
- A copy of the decision rendered by the Conservation Commission for a Determination will be sent to the applicant, to the Department of Environmental Protection and the Building Department.
- The applicant must provide the Conservation Commission with the following information on or before the opening of the public hearing:
 - 1 A copy of the local newspaper advertisement.
 2. Proof of abutter notification sent to each abutter.

Worksheet for Fees
Westwood Wetlands Bylaw – Article 18
(in Addition to DEP filing Fees)

Applicant: Martin Sandborg

Address: 210 Westfield St , Westwood

Location of Project: 118 Willsondale St. Westwood

Notice of Intent

- | | | |
|---|---------|--|
| 1. Minor project | _____ | \$100.00 |
| 2. Major project | _____ | \$250.00 plus \$1.00 additional sq. ft. |
| 3. New single family home | x _____ | \$500.00 plus \$1.00 per 10 sq. ft. of disturbance |
| 4. Subdivision road and utility | _____ | \$750.00 plus \$5.00 per road sideline in resource or buffer zone |
| 5. Drainage detention/retention | _____ | \$750.00 plus \$1.00 per 10cf. of basin in resource or buffer zone |
| 6. Multiple Dwelling | _____ | \$500.00 plus \$100.00/unit and \$1.00 per 10 sq. ft. of disturbance |
| 7. Commercial institutional, industrial | _____ | \$750.00 plus \$1.00 per 10 sq. ft. of disturbance |
| 8. Request for Det. of Applicability | _____ | @ \$50.00 |
| 9. ANORAD | _____ | \$750.00 plus \$1.00 per 10 sq. ft. of disturbance |
| 10. Application filed after enforcement | _____ | Double application fees |
| 11. Amendments | _____ | \$100.00 |
| 12. Certificate of Compliance | | |
| Residence | _____ | \$100.00 |
| Non Residence | _____ | \$100.00 |
| Commercial or subdivision | _____ | \$200.00 |
| 13. Emergency Certificate | _____ | \$100.00 |
| 14. Agent Site Visit | | |
| Resident | _____ | \$25.00 per hour |
| Non Resident | _____ | \$45.00 per hour |

Total \$ 685.00

See Westwood Wetlands Protection Bylaw Regulations for more detail.



TOWN OF WESTWOOD
BOARD OF ASSESSORS
580 High St.
Westwood, MA 02090

Maureen Bleday
Philip N. Shapiro
Mark F. Murphy

phone: 781-326-1904
fax: 781-251-2588

May 29, 2018

Martin Sandborg
martysandborg@gmail.com

Marty:

Attached please find a list of abutters to abutters within 300' of the locus,

- *118 Wilsondale St. Map 01 Lot 017*

This list reflects owners of record as of January 1, 2018 or current owners, according to our records.

Sincerely


Mark F. Murphy
Assessor

jb

ABUTTERS MAP - 118 WILSONDALE ST.



MAP 01 LOT 017

VISION APPRAISAL TECHNOLOGY



**ABUTTERS LIST FOR 118 WILSONDALE ST
WESTWOOD, MA**

MAP & LOT	OWNER	CO-OWNER	Mailing Address	City	St Zip	Location
01001	BISSON STEPHEN W		100 WILSONDALE ST	DOVER	MA 02030	WILSONDALE ST
01002	NSTAR ELECTRIC COMPANY	PROPERTY TAX DEPT	P.O. BOX 270	HARTFORD	CT 06141-0270	260 WESTFIELD ST
01004	118 WILSONDALE STREET REA	MARTIN E SANDBORG TRUSTEE	210 WESTFIELD ST	WESTWOOD	MA 02090	210 WESTFIELD ST
01012	118 WILSONDALE STREET REA	MARTIN E SANDBORG TRUSTEE	210 WESTFIELD ST	WESTWOOD	MA 02090	WESTFIELD ST
01013	CONWAY JAMES M	JENNIE M CONWAY	192 WESTFIELD ST	WESTWOOD	MA 02090	192 WESTFIELD ST
01014	WAMBACH ROBERT F	VALAYA LYNN WAMBACH	C/O DOLLAR BANK SERVICING CENT	CANTON	OH 44711	172 WESTFIELD ST
01015	WST RESIDENCE REVOCABLE T	RICHARD B TIBBETTS TRUSTE	130 WILSONDALE ST	WESTWOOD	MA 02090	130 WILSONDALE ST
01016	WILLIAMSON RUSSELL	ELIZABETH WILLIAMSON	122 WILSONDALE ST	WESTWOOD	MA 02090	122 WILSONDALE ST
01017	118 WILSONDALE STREET REA	MARTIN E SANDBORG TRUSTEE	210 WESTFIELD STREET	WESTWOOD	MA 02090	118 WILSONDALE ST
02006	JOSEPH G INBRIANI TRUSTEE	FRED & WILMA REALTY TURST	C/O TAYLOR GANSON & PERRIN LLP	BOSTON	MA 02110	134 SKYLINE DR
02007	HURVITZ HARVEY 70% &	GAIL MANN 30 %	126 SKYLINE DR	WESTWOOD	MA 02090	126 SKYLINE DR
02008	FU YONGQUAN	JIAN FU WANG	116 SKYLINE DR	WESTWOOD	MA 02090	116 SKYLINE DR
02026	HIGH RIDGE HOMEOWNERS ASS	ERIC JERSKEY	54 SKYLINE DRIVE	WESTWOOD	MA 02090	FAR REACH & RIDGE
02059	THE HIGH RIDGE HOMEOWNERS		54 SKYLINE DR	WESTWOOD	MA 02090	FAR REACH RD

ABUTTERS LIST FOR MAP 01 LOT 012
WESTWOOD, MA

MAP & LOT	OWNER	CO-OWNER	Mailing Address	City	St Zip	Location
01001	BISSON STEPHEN W		100 WILSONDALE ST	DOVER	MA 02030	WILSONDALE ST
01002	NSTAR ELECTRIC COMPANY	PROPERTY TAX DEPT	P.O. BOX 270	HARTFORD	CT 06141-0270	260 WESTFIELD ST
01004	118 WILSONDALE STREET REA	MARTIN E SANDBORG TRUSTEE	210 WESTFIELD ST	WESTWOOD	MA 02090	210 WESTFIELD ST
01005	BASILE LAWRENCE A		349 DEDHAM ST	DOVER	MA 02030	WESTFIELD ST
01006	THE 235 WESTFIELD STREET	PAUL G & CAROLINE W GAY T	235 WESTFIELD ST	WESTWOOD	MA 02090	235 WESTFIELD ST
01007	BYDA JOHN	LORRAINE BYDA	9 FOX RUN RD	DOVER	MA 02030	187 WESTFIELD ST
01011	ANDERSON EDWARD	LINDA N CABOT	185 WESTFIELD ST	WESTWOOD	MA 02090	WESTFIELD ST
01012	118 WILSONDALE STREET REA	MARTIN E SANDBORG TRUSTEE	210 WESTFIELD ST	WESTWOOD	MA 02090	WESTFIELD ST
01013	CONWAY JAMES M	JENNIE M CONWAY	192 WESTFIELD ST	WESTWOOD	MA 02090	WESTFIELD ST
01014	WAMBACH ROBERT F	VALAYA LYNN WAMBACH	C/O DOLLAR BANK SERVICING CENT	WESTWOOD	MA 02090	192 WESTFIELD ST
01016	WILLIAMSON RUSSELL	ELIZABETH WILLIAMSON	122 WILSONDALE ST	WESTWOOD	OH 44711	172 WESTFIELD ST
01017	118 WILSONDALE STREET REA	MARTIN E SANDBORG TRUSTEE	210 WESTFIELD STREET	WESTWOOD	MA 02090	122 WILSONDALE ST
						118 WILSONDALE ST

NOTICE TO ABUTTERS
Under the Massachusetts Wetlands Protection Act
and
Westwood Wetland Bylaw

Notice of Intent for a single family house lot at 118 Wilsondale St and for wetland replication on parcel located off Westfield Street Map 01 lot 012

The Westwood Conservation Commission will hold a public hearing, under M.G.L. Chapter 131, Section 40 and the Westwood Wetland Bylaw on

Date: July 25, 2018

Time: 7:00 pm

Place: 50 Carby Street, Westwood, MA 02090

A permit is requested by Martin Sandborg
Of 210 Westfield Street, Westwood, MA

The property is located at 118 Wilsondale St, Westwood

A complete copy of this filing is available to the public at the Westwood Conservation Commission office. Notice of the Conservation Commission meeting is posted in the Town Hall not less than 48 hours in advance as required by Open Meeting Law.


AFFIDAVIT OF SERVICE

**UNDER THE MASSACHUSETTS WETLANDS PROTECTION ACT
AND WESTWOOD WETLAND PROTECTION BYLAW**

I, Nicole Hayes, hereby certify under the pains and penalties of perjury that on June 22, 2018, I gave notification to abutters within 300 feet of the proposed project in compliance with the Westwood Wetland Protection Bylaw and with the second paragraph of the Massachusetts General Laws, Chapter 131, Section 40 and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

An Notice of Intent, filed under the Massachusetts Wetlands Protection Act and the Westwood Wetland Protection Bylaw, by Goddard Consulting, LLC with the Westwood Conservation Commission on June 22, 2018 for a property located at 118 Wilsondale Road and a vacant lot located off of Westfield Street in Westwood, Massachusetts.

The notification form and the list of the abutters to whom it was given and their addresses are attached to this Affidavit of Service.



Signature



Date

TOWN OF WESTWOOD
Commonwealth of Massachusetts

Westwood Planning Commission
Lee J. Gove
Westwood, MA
508-548-1111



Steven Woodworth, Vice Chair
Michael Perry
John C. Masterson

CONSERVATION COMMISSION

Time Waiver Requirement

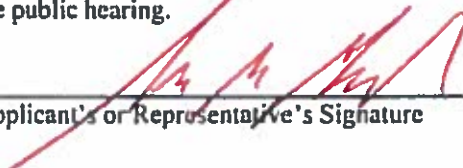
Westwood Conservation Commission
Westwood Town Hall
50 Carby Street
Westwood, MA 02090

Dear Commission:

I hereby waive the benefit of the time requirements set forth in Chapter 131 s. 40, (Wetland Protection Act) of the Massachusetts General Laws, 310 CMR. 10.00 Regulations, and the Town of Westwood Wetlands Protection By-Law, which require the Conservation Commission to convene a hearing and issue a Determination or Order within the time periods specified therein.

The public hearing shall be scheduled for the next available time slot on the meeting agenda upon receipt of the filing of a COMPLETE Notice of Intent or Request for Determination of Applicability.

The Order of Conditions or Determination of Applicability shall be issued within 45 days of the close of the public hearing.



Applicant's or Representative's Signature

8/22/18

Date

Applicant's Name Martin Sandborg

Project Location : 118 Wilsoudale St and Lot - MAP 01 Lot 12

Project Type: NOI for a single family home

Westwood Conservation Commission
50 Carby Street
Westwood, MA 02090

Phone (781) 251-2580
Fax (781) 461-6837

June 18, 2018

Sandborg
210 Westfield Street
Westwood, MA 02090

Re: 118 Wilsondale St, Westwood

Dear Mr. Sandborg:

On June 10, 2018 wetland resources were delineated on a portion of land located at the above referenced site. The wetland border was flagged using the criteria in the most recent edition of MA Wetland Protection Act (WPA) and Regulations 310 CMR 10.00 et al and the Town of Westwood Wetland Bylaw. Hydric soil indicators, vegetation changes, hydrological indicators, and topography were all considered for delineation purposes.

Two Bordering Vegetated Wetland with interior intermittent stream channels were delineated on-site. The BVW located along Wilsondale Street was delineated with series A1-40 and B 1-16. This wetland is vegetated with red maple, buckthorn, sweet pepperbush, arrow-wood, high bush blueberry, poison ivy, and wetland ferns. The adjacent upland is dominant in oak, white pine, rose and Canada mayflower. Department of Environmental Protection BVW field data forms were documented at wetland flag # GC-GC10 and A18 (see attached forms).

The wetland along Westfield street was delineated with GC1-16. This wetland is vegetated with red maple, highbush blueberry, arrowwood, and skunk cabbage. The adjacent upland is vegetated with white pine, oaks, maple, and Canada mayflower.

According to the Mass GIS data layers for NHESP, this site not is located within Estimated and/or Priority Habitat of Rare Wildlife, and no mapped potential or certified vernal pools are located on site. The site is not located in an ACEC; or a jurisdictional FEMA Flood Zone.

The MA Wetlands Protection Act and the local Bylaw takes jurisdiction over BVW. In addition, the BVW has a jurisdictional 100-foot Buffer Zone.

Any work within the resource area and/or 100-foot buffer zone requires a Request for Determination (RDA) or Notice of Intent (NOI) be filed with the Conservation Commission. If you need further assistance with permitting, please call us we would be happy to assist.

Very truly yours,



Scott Goddard,
Principal & PWS

Legend

-  Property Boundary
-  DEP Wetlands



Ortho View of Site
Wilsondale Street, Westwood MA


0 100 200
Feet
1 inch = 200 feet
11/15/2017

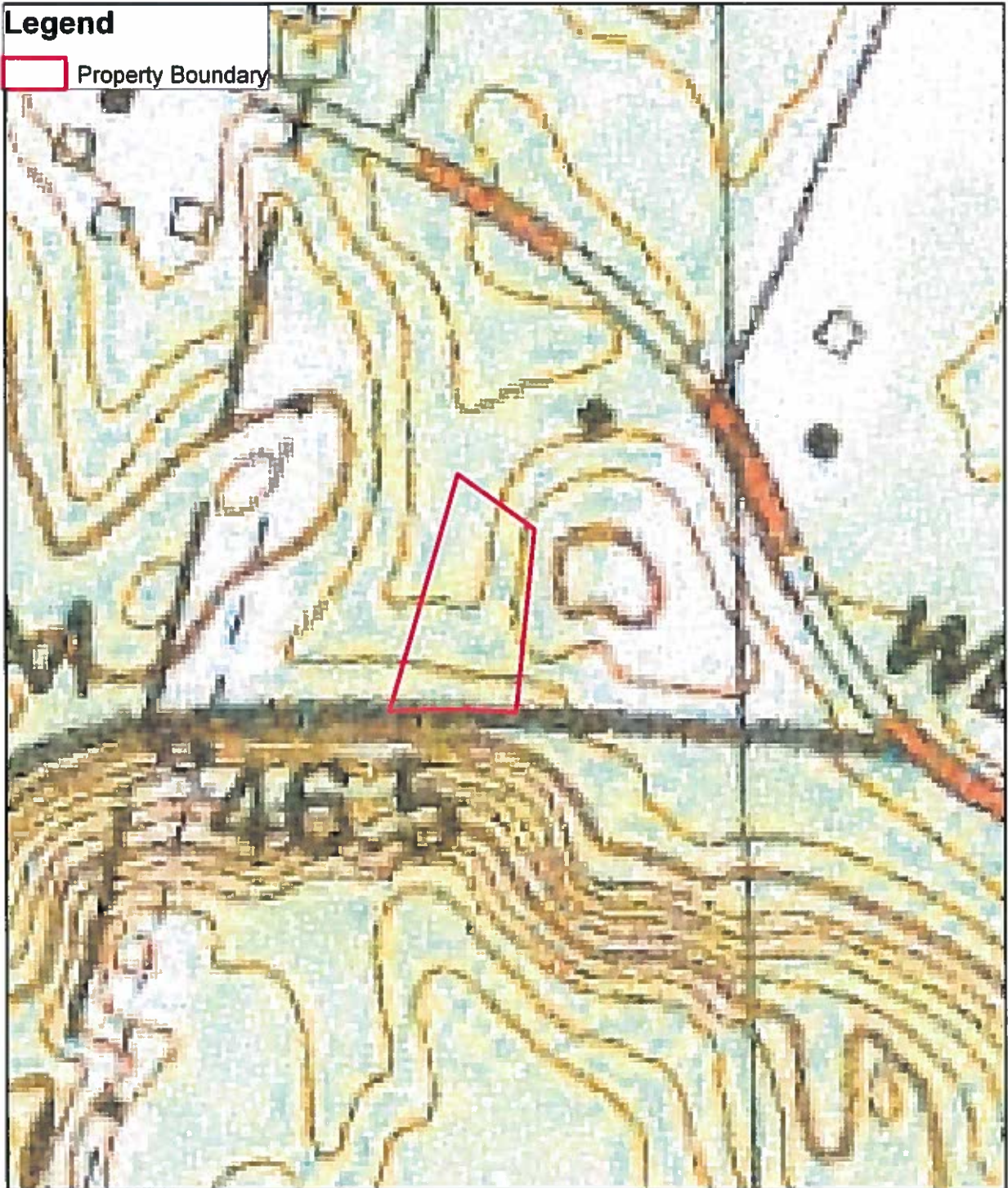


GIS Data Source: "Office of Geographic Information (MassGIS), Commonwealth of Massachusetts, MassIT"



Legend

 Property Boundary



USGS Site Locus
Wilsondale Street, Westwood MA

0 100 200
Feet
1 inch = 200 feet
11/15/2017



GIS Data Source: "Office of Geographic Information (MassGIS), Commonwealth of Massachusetts, MassIT"



DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

DEP File # _____

Applicant: _____

Prepared by: Goddard Consulting LLC

Project location: Wilsondale Rd, Westwood

Check all that apply: Vegetation alone presumed adequate to delineate BYVW boundary; fill out Section I only
 Vegetation and other indicators of hydrology used to delineate BYVW boundary; fill out Sections I and II
 Method other than dominance test used (attach additional information)

Section I. Vegetation Observation Plot Number: A18

Transect Number: Upgradient

Date of Delineation: 10-Jun-18

Sample Layer and Plant Species Scientific name % Cover % Dominance Dominant Plant (yes or no) Wetland Indicator Category*

Tree Layer

Red Oak	<i>Quercus rubra</i>	36%	35.3%	Yes	FACU
White pine	<i>Pinus strobus</i>	10%	9.8%	No	FACU
Northern white oak	<i>Quercus alba</i>	36%	35.3%	Yes	FACU
Red maple	<i>Acer rubrum</i>	10%	9.8%	No	FAC*
Norway maple	<i>Acer platanoides</i>	10%	9.8%	No	UPL

Sapling Layer

Red oak	<i>Quercus rubra</i>	10%	100.0%	Yes	FACU
---------	----------------------	-----	--------	-----	------

Shrub Layer

		36%	100.0%	Yes	
--	--	-----	--------	-----	--

Climbing Woods Vine

Ground Cover					
High-scented fern	<i>Dennstaedtia punctilobula</i>	20%	39.0%	Yes	UPL
Canada mayflower	<i>Akodonium canadense</i>	36%	52.2%	Yes	FACU
Cinnamon fern	<i>Osmundastrum cinnamomeum</i>	3%	4.3%	No	FACW*
Sensitive fern	<i>Onoclea sensibilis</i>	10%	14.5%	No	FACW*

Remarks: * An asterisk after common plant name indicates stunted growth. ** indicates extremely stunted growth

Morphological Adaptations: 0 Description: _____

* An asterisk after indicator status denotes wetlands plants. plants listed in the Wetlands Protection Act (MGL c 131, s 40); plants in the genus Sphagnum; or plants listed as FAC, FACW, or OBL.

Vegetation conclusion:

Number of dominant wetland indicator plants: 0

Number of dominant non-wetland indicator plants: 5

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? no

If vegetation alone is presumed adequate to delineate the BYVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? yes no

title/date: Soil Survey of Norfolk and Suffolk Counties - 1989

map number: _____

soil type mapped: Hollis rock outcrop

hydric soil inclusions: _____

Are field observations consistent with soil survey? yes no

Remarks: _____

2. Soil Description

Horizon	Depth (inches)	Matrix Color	Mottles Color or Texture
A	1-6	10YR2/2	
B	6-14	10YR4/4	
B2	14-20	10YR4/6	

Conclusion: Is soil hydric? yes no

Other Indicators of Hydrology: (check all that apply and describe)

Site inundated: _____

Depth to free water in observation hole: _____

Depth to soil saturation in observation hole: _____

Water marks: _____

Drift Lines: _____

Sediment deposits: _____

Drainage patterns in BVW: _____

Oxidized rhizospheres: _____

Water-stained leaves: _____

Recorded data (stream, lake, or tidal gauge; aerial photo; other): _____

Other: _____

Vegetation and Hydrology Conclusion for Upgradient of A18		Yes	no
Number of wetland indicator plants	>= number of non-wetland plants		X
Wetland hydrology present:	hydric soils present		X
	other indicators of hydrology present		X
Sample location is in a BVW			X

Submit this form with the Request for Determination of Applicability or Notice of Intent

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: _____

Prepared by: Goddard Consulting LLC

Project location: Wilsondale Rd, Westwood

DEP File #: _____

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

Section I. Vegetation

Observation Plot Number: A18

Transect Number: Downgradient

Date of Delineation: 10-Jun-18

Sample Layer and Plant Species	Scientific name	% Cover	% Dominance	Dominant Plant (Yes or no)	Wetland Indicator Category*
Tree Layer					
Red Maple	<i>Acer rubrum</i>	20%	26.3%	Yes	FAC*
Green ash	<i>Fraxinus pennsylvanica</i>	36%	47.4%	Yes	FACW*
Yellow birch	<i>Betula alleghaniensis</i>	20%	26.3%	Yes	FAC*
Sapling Layer					
Red maple	<i>Acer rubrum</i>	10%	100.0%	Yes	FAC*
Shrub Layer					
Highbush blueberry	<i>Vaccinium corymbosum</i>	10%	100.0%	Yes	FACW*
Climbing Woods Vine					
Eastern poison ivy	<i>Toxicodendron radicans</i>	10%	100.0%	Yes	FAC*
Ground Cover					
Pale touch-me-not	<i>Impatiens pallida</i>	10%	14.3%	No	FACW*
Interrupted fern	<i>Osmunda clytomiana</i>	20%	28.6%	Yes	FAC*
Sensitive fern	<i>Onoclea sensibilis</i>	20%	28.6%	Yes	FACW*
Cinnamon fern	<i>Osmundastrum cinnamomeum</i>	20%	28.6%	Yes	FACW*

Remarks: * An asterisk after common plant name indicates stunted growth. ** indicates extremely stunted growth

Morphological Adaptations: 0

Description: _____

* An asterisk after indicator status denotes wetlands plants: plants listed in the Wetlands Protection Act (MGL c.131, s.40), plants in the genus Sphagnum, or plants listed as FAC, FACW, or OBL.

Vegetation conclusion: _____

Number of dominant wetland indicator plants: 9

Number of dominant non-wetland indicator plants: 0

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? yes

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? yes no

title/date: Soil Survey of Norfolk and Suffolk Counties - 1989

map number: _____

soil type mapped: Whitman

hydric soil inclusions: _____

Are field observations consistent with soil survey? yes no

Remarks: _____

2. Soil Description

Horizon	Depth (inches)	Matrix Color	Mottles Color or Texture
O	1-10	10YR2/1	
C	10-20	10YR6/1	

Remarks: _____

3. Other:

Conclusion: Is soil hydric? yes no

Other Indicators of Hydrology: (check all that apply and describe)

Site inundated: _____

Depth to free water in observation hole: 12"

Depth to soil saturation in observation hole: _____

Water marks: _____

Drift Lines: _____

Sediment deposits: _____

Drainage patterns in BVW: _____

Oxidized rhizospheres: _____

Water-stained leaves: _____

Recorded data (stream, lake, or tidal gauge; aerial photo; other): _____

Other: _____

Vegetation and Hydrology Conclusion for Downgradient of A18	
Number of wetland indicator plants	<u>yes</u> <u>no</u>
>= number of non-wetland plants	X
Wetland hydrology present:	X
hydric soils present	X
other indicators of hydrology present	X
Sample location is in a BVW	X

Submit this form with the Request for Determination of Applicability or Notice of Intent

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: _____

Prepared by: Goddard Consulting LLC

Project location: Wilsondale Rd, Westwood

DEP File #: _____

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

Section I. Vegetation

Observation Plot Number: GC10

Transsect Number: Upgradient

Date of Delineation: 10-Jun-18

Sample Layer and Plant Species	Scientific name	% Cover	% Dominance	Dominant Plant (yes or no)	Wetland Indicator Category*
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Tree Layer					
Red Oak	<i>Quercus rubra</i>	20%	30.8%	Yes	FACU
White pine	<i>Pinus strobus</i>	10%	15.4%	No	FACU
Northern white oak	<i>Quercus alba</i>	20%	30.8%	Yes	FACU
Red maple	<i>Acer rubrum</i>	5%	7.7%	No	FAC*
Norway maple	<i>Acer platanoides</i>	10%	15.4%	No	UPL
Sarling Layer					

Shrub Layer					
Honeysuckle	<i>Lonicera</i> sp.	10%	33.3%	Yes	FACU
American hazelnut	<i>Corylus americana</i>	10%	33.3%	Yes	FACU
Red oak	<i>Quercus rubra</i>	10%	33.3%	Yes	FACU

Climbing Woodr Vine

Ground Cover					
Princess-pine	<i>Dendrolycopodium obscurum</i>	10%	21.7%	Yes	FACU
Canada mayflower	<i>Akuntichium canadense</i>	36%	78.3%	Yes	FACU

Remarks: * An asterisk after common plant name indicates stunted growth. ** indicates extremely stunted growth

Morphological Adaptations: 0

Description: _____

* An asterisk after indicator status denotes wetlands plants; plants listed in the Wetlands Protection Act (MGL c.131, s.40), plants in the genus Sphagnum; or plants listed as FAC, FACW, or OBL.

Vegetation conclusion:

Number of dominant wetland indicator plants: 0

Number of dominant non-wetland indicator plants: 7

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? no

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? yes no

(title/date: Soil Survey of Norfolk and Suffolk Counties - 1989)

map number: _____

soil type mapped: Hollis rock outcrop

hydric soil inclusions: _____

Are field observations consistent with soil survey? yes no

Remarks:

2. Soil Description

Horizon	Depth (inches)	Matrix Color	Mottles Color or Texture
A	1-6	10YR2/2	
B	6-14	10YR4/4	
B2	14-20	10YR4/6	

Remarks:

3. Other:

Conclusion: Is soil hydric? yes no

Other Indicators of Hydrology: (check all that apply and describe)

- Site inundated: _____
- Depth to free water in observation hole: _____
- Depth to soil saturation in observation hole: _____
- Water marks: _____
- Drift Lines: _____
- Sediment deposits: _____
- Drainage patterns in BVW: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded data (stream, lake, or tidal gauge; aerial photo; other): _____
- Other: _____

Vegetation and Hydrology Conclusion for Upgradient of GC10	Yes	no
Number of wetland indicator plants ≥= number of non-wetland plants		X
Wetland hydrology present: hydric soils present		X
other indicators of hydrology present		X
Sample location is in a BVW		X

Submit this form with the Request for Determination of Applicability or Notice of Intent

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: _____

Prepared by: Goddard Consulting LLC

Project location: Wilsondale Rd, Westwood

DEP File #: _____

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

Section I. Vegetation

Observation Plot Number: GCI0

Transect Number: Downgradient

Date of Delineation: 10-Jun-18

Sample Layer and Plant Species	Scientific name	% Cover	% Dominance	Dominant Plant (yes or no)	Wetland Indicator Category*
Tree Layer Red Maple	<i>Acer rubrum</i>	36%	100.0%	Yes	FAC*
Sapling Layer Red maple	<i>Acer rubrum</i>	10%	100.0%	Yes	FAC*
Shrub Layer Highbush blueberry Northern arrowwood	<i>Vaccinium corymbosum</i> <i>Viburnum revocatum</i>	10% 10%	50.0% 50.0%	Yes Yes	FACW* FAC*
Climbing Woods Vine Eastern poison ivy	<i>Toxicodendron radicans</i>	10%	100.0%	Yes	FAC*
Ground Cover Pale touch-me-not skunk cabbage Sensitive fern Cinnamon fern	<i>Impatiens pallida</i> <i>Symplocarpus foetidus</i> <i>Onoclea sensibilis</i> <i>Osmundastrum cinnamomeum</i>	10% 20% 20% 20%	14.3% 28.6% 28.6% 28.6%	No Yes Yes Yes	FACW* OBL* FACW* FACW*

Remarks: * An asterisk after common plant name indicates stunted growth; ** indicates extremely stunted growth

Morphological Adaptations: 0

Description: _____

* An asterisk after indicator status denotes wetlands plants; plants listed in the Wetlands Protection Act (MGL c.131, s.40), plants in the genus Sphagnum; or plants listed as FAC, FACW, or OBL.

Vegetation conclusion:

Number of dominant wetland indicator plants: 8

Number of dominant non-wetland indicator plants: 0

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? yes

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent.

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? yes no

title/date: Soil Survey of Norfolk and Suffolk Counties - 1989

map number: _____

soil type mapped: Ridgebury

hydric soil inclusions: _____

Are field observations consistent with soil survey? yes no

Remarks:

2. Soil Description

O Horizon

1-10 Depth (inches)

10YR2/1 Matrix Color

_____ Mottles Color or Texture

C Horizon

10-20 Depth (inches)

10YR6/1 Matrix Color

_____ Mottles Color or Texture

Remarks:

3. Other:

Conclusion: Is soil hydric? yes no

Other Indicators of Hydrology: (check all that apply and describe)

Site inundated: _____

Depth to free water in observation hole: 6"

Depth to soil saturation in observation hole: _____

Water marks: _____

Drift Limes: _____

Sediment deposits: _____

Drainage patterns in BVW: _____

Oxidized rhizospheres: _____

Water-stained leaves: _____

Recorded data (stream, lake, or tidal gauge; aerial photo; other): _____

Other: _____

Vegetation and Hydrology Conclusion for Downgradient of GC10

Number of wetland indicator plants

yes

no

>= number of non-wetland plants

X

Wetland hydrology present:

hydric soils present

X

other indicators of hydrology present

X

Sample location is in a BVW

X

Submit this form with the Request for Determination of Applicability or Notice of Intent

June 18, 2018

Westwood Conservation Commission
Westwood Town Hall
580 High Street
Westwood, MA 02090

Re: Wetland Replication Plan for 118 Wilsondale Street
Map: 1, Lot: 12, Westwood, MA 02090

Dear Westwood Conservation Commission:

Goddard Consulting, LLC (Goddard), is pleased to submit this Wetland Replication Plan (WRP) on behalf of the applicant, Martin Sandborg, to mitigate for impacts to Bordering Vegetated Wetlands (BVW) on the property known as 118 Wilsondale Street in Westwood.

The replication area will be constructed on an adjacent lot under common ownership and will connect to the same wetland system impacted by the proposed construction of single-family home. The proposed wetland replication will establish a forest/shrub wetland dominant in species representative of adjacent BVW, and will have similar topographical, hydrological, vegetative and wildlife characteristics. The Replication Plan was designed in accordance with the DEP "Massachusetts Inland Wetland Replication Guidelines," dated March 2002 and is based on the plan titled *Building Permit and Notice of Intent Plan*, Norwood Engineering, 6/11/18.

Existing Conditions

118 Wilsondale Road is a \pm .93acre forested lot that is currently undeveloped. The lot is dominated by a centrally located wetland which segments upland areas within the lot. Two intermittent streams are located within the wetland system. Vegetation communities within BVW are dominant in red maple, buckthorn, sweet pepperbush, arrow-wood and wetland ferns.

The adjacent Lot 12 is \pm .92acre lot which is located immediately to the north of 118 Wilsondale and is undeveloped. The same wetland system occupies much of the central area of the Lot 12. Vegetation communities within resource areas and uplands are similar to those found within 118 Wilsondale.

Several narrow walking trails currently interlace through the parcels. A culvert associated with one of these trails is placed in one of the streams located on 118 Wilsondale.

Proposed BVW Impacts

±1,090s.f. of BVW will be impacted by the construction of a single-family home, portions of the associated driveway and retaining wall associated with these structures.

Vegetation communities within this section of wetland dominant in red maple, highbush blueberry, arrow-wood, sweet pepperbush and skunk cabbage.

The applicant proposes the placement of a small footbridge over the existing culvert located in the intermittent stream. The placement of this prebuilt bridge will not involve the placement of any footings and will not lead to further degradation of BVW.

Additional impacts to the buffer zone are proposed and are discussed in the NOI of intent narrative submitted for this project.

Proposed Restoration

The applicant proposes the construction of ±6,830s.f. of wetlands to mitigate for the proposed impacts associated with construction at 118 Wilsondale. Due to the location of wetland resources on the lot, it will not be possible to replicate on site without further impact to BVW. Therefore, replication is proposed on an adjacent lot (Map: 1, Lot: 12) which is under common ownership and located along Westfield Street to the north of the project site. Utilization of this lot will allow construction access to the replication area without additional resource area impacts. The proposed replication area will connect to the same wetland system impacted by the proposed construction at 118 Wilsondale.

The replication area will be constructed in an area currently occupied by uplands dominant in red oak, white pine, multiflora rose and Canada mayflower. The construction process will involve the clearing of existing vegetation, excavation to a subgrade established beneath the current grade of adjacent BVW, achievement of final grade using suitable soil and planting/ seeding of the replication area. Final topographical, and hydrologic features of the replication area should reflect those found in adjacent BVW. Further details regarding construction sequencing, construction monitoring and replication monitoring are detailed within the General Installation Procedure section below.

Plantings to be installed within the replication area are to be native and representative communities found in adjacent resource areas. No cultivars are to be used. All plantings should be delivered in good condition, showing no sign of disease, physical damage or nutrient deficiency. The supervising wetland scientist may request replacements if plantings fail to comply with these standards. Information regarding number and species of proposed plantings are outlined in the **Table 1** below.

A planting plan depicting the general placement of plantings along with information regarding the proposed seed mix are attached to this report. Additional details regarding planting installation and placement are detailed within the General Installation Procedure section below.

Table 1: Wetland Replication Planting Schedule

Quantity	Species	Size
10	Red Maple (<i>Acer rubrum</i>)	4-6'
10	Yellow Birch (<i>Betula pennsylvanica</i>)	4-6'
25	Winterberry (<i>Ilex verticillata</i>)	24-36"
25	Highbush Blueberry (<i>Vaccinium corybosum</i>)	24-36"
25	Silky Dogwood (<i>Cornus amomum</i>)	24-36"
25	Sweet Pepper Bush (<i>Clethra Alnifolia</i>)	24-36"
25	Northern Arrow-wood (<i>Viburnum dentatum</i>)	24-36"
60	Cinnamon Fern (<i>Osmunda cinnamomea</i>)	(one gal. pot)
60	Sensitive Fern (<i>Onoclea sensibilis</i>)	(one gal. pot)
4lb	Obligate Wetland Mix (Ernst Seeds) or New England Wetland Plants Wetmix.	N/A

General Installation Procedure

Supervision: All work within the replication area shall be supervised by a qualified wetland scientist approved by the Commission prior to the commencement of work.

Timing: The excavation of the wetland replication area shall be completed during the construction process of the home and before a Certificate of Compliance is issued for the project. The installation of replication area plantings should be accomplished during the growing season between April 16 and May 31 or between September 16 and October 30 for best success.

Plans:

- *Wetland Replication Planting Plan*. Goddard Consulting, LLC., 6/18/18
- *Building Permit and Notice of Intent Plan*, Norwood Engineering, 6/11/18

Step 1: Install ECB, remove trees and vegetation for wetland replication area.

An erosion control barrier shall be installed around the around the limit of work, between the replication area and adjacent BVW. The removal of trees and vegetation within the replication area will be supervised by the wetland scientist. Wood debris will be put aside for placing within the completed replication area. Sections of trees cleared may be saved to add additional woody debris.

Step 2: Excavation of Replication Area

Topsoil and leaf litter (if found) from replication area will be stock piled and the subsoil removed from the wetland replication area. Replication area shall be excavated down to a depth at which redoximorphic features become visible at the soil surface and/or 6" below proposed final grade.

Step 3: Backfilling & Grading of Replication area

Where practicable original wetland soils excavated from the impact area will be used, however as the proposed area of replication is significantly larger than the impact area and geographically separated the use of engineered soils is proposed. Supplemental soils must be from an uncontaminated source and have an organic content of between 12-20%. Final grade shall be confirmed by wetland scientist prior to planting installation and shall be representative of the topographical nature of adjacent BVW.

Step 4: Add woody debris

Prior to planting, woody debris of various sizes shall be added to wetland replication area.

Step 5: Planting. The vegetation selected for the replication areas includes species that are native to the site. Selected species, especially ferns and small shrubs, may be transplanted from BVW fill into the replication area provided that the time of year and duration of plants' time out of soil is appropriate for survival of transplants. Precise citing of plants may be determined by the wetland scientist in the field prior to installation. All plants shall be distributed randomly in groups of 2-3 throughout the area; trees to be spaced at a minimum of 10-15', shrubs spaced at a minimum of 8-10' and herbaceous species spaced at a minimum of 3'. Spacing will vary and will be determined by the wetland scientist in the field, but shall generally conform to the planting plan. Once planting is completed the Wetland seed mix shall be spread within the replication area. Once all work is complete an erosion control barrier will be installed to enclose the replication area on the access side (northwest side) of the replication area. Once the planting installation is completed a report by the wetland scientist shall be submitted detailing the installation process and compliance with the Order of Conditions. See Table 1 for planting schedule.

Step 6: Watering

The restoration area shall be watered as needed throughout the first two growing seasons. The first two weeks after planting the entire restoration area shall be watered deeply every other day. Thereafter, water once a week if less than 1-inch of rain falls during the week.


Step 7: Replication Monitoring

- a. **Seasonal monitoring reports** shall be prepared for the replication area by a qualified wetland scientist for a period of 2 additional years after installation. This monitoring program will consist of early summer and early fall inspections and will include photographs and details about the vitality of the replication area. Monitoring reports shall be submitted to the Commission by October 30th of each year. Monitoring reports shall describe, using narratives, plans, and color photographs, the physical characteristics of the replication area with respect to stability, soil characteristics, survival of vegetation and plant mortality, aerial extent and distribution, species diversity and vertical stratification (i.e. herb, shrub and tree layers).
- b. **At least 75% of the surface area** of the replication area shall be re-established with indigenous wetland plant species within two growing seasons. If the replication area does not meet the 75% re-vegetation requirement by the end of the second growing season after

installation, the Applicant shall submit a remediation plan to the Commission for approval that will achieve, under the supervision of a Wetland Specialist, replication goals. This plan must include an analysis of why the areas have not successfully re-vegetated and how the Applicant intends to resolve the problem.

Please feel free to contact us if you have any questions.

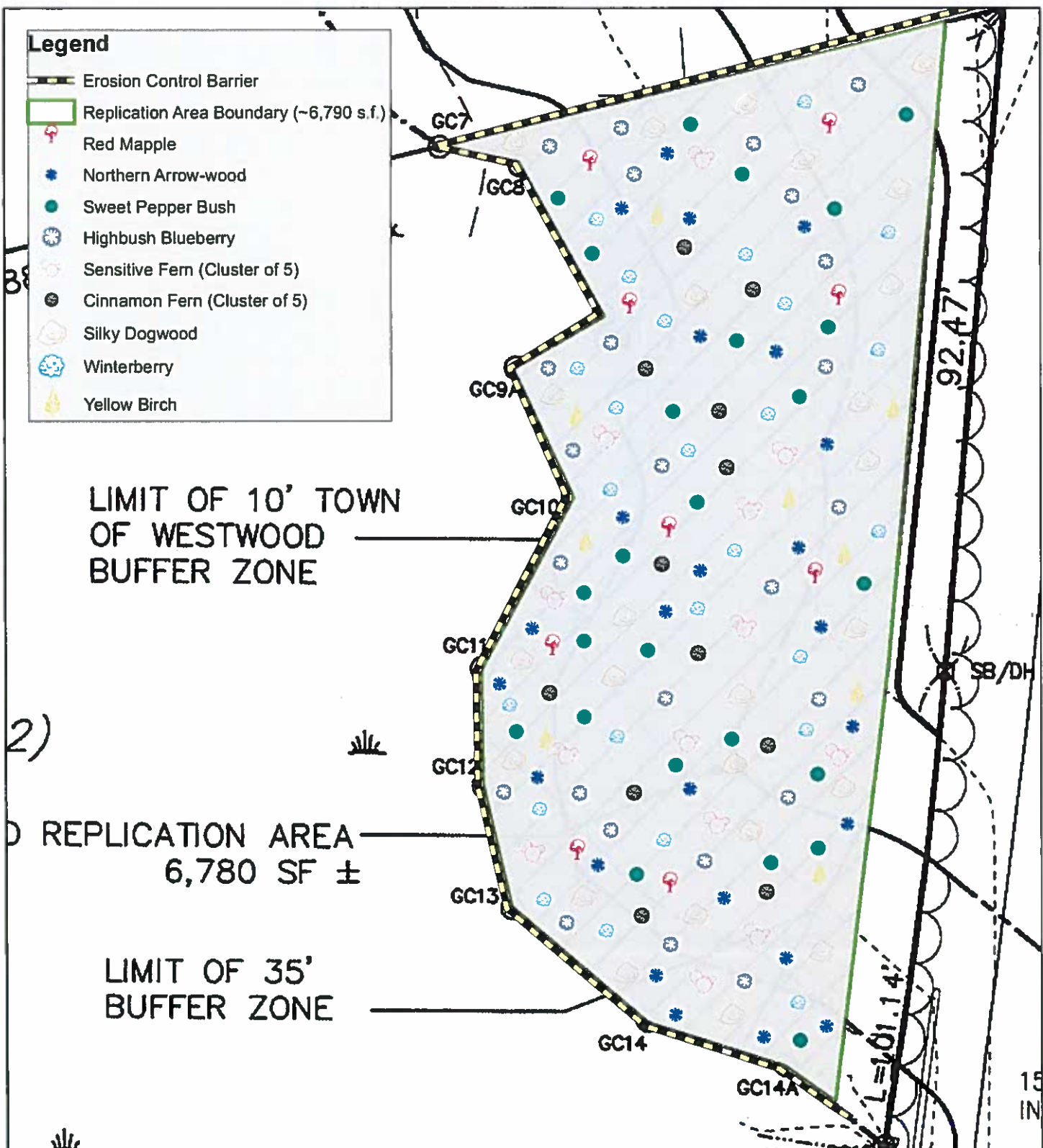
Very truly yours,

A handwritten signature in black ink, appearing to read "Scott Goddard". The signature is stylized and written in a cursive-like font.

Scott Goddard,
Principal & PWS

Legend

- Erosion Control Barrier
- Replication Area Boundary (~6,790 s.f.)
- Red Mapple
- Northern Arrow-wood
- Sweet Pepper Bush
- Highbush Blueberry
- Sensitive Fern (Cluster of 5)
- Cinnamon Fern (Cluster of 5)
- Silky Dogwood
- Winterberry
- Yellow Birch



Wetland Replication Area

Wilsondale Street, Westwood MA
(Map:1, Lot:12)



Date: 6/19/2018

GIS Data Source: "Office of Geographic Information (MassGIS), Commonwealth of Massachusetts, MassIT"



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SECTION 14. LOT SIZE REGULATIONS

(a) Lot Area and Width.

In all Districts, no building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot having less area than the "Required Lot Area", or less than the "Required Minimum Non Wetland Area" being defined as land other than the fresh water wetlands as that term is defined in MGL Chapter 131, Section 40, or having less width, measured through that part of the building or structure where the lot is narrowest, than the "Required Lot Width Through Building or Structure" specified in the following table for the district in which said lot is located, and no more than one building or structure constructed as a dwelling, or so used, shall be located on each such lot.

<u>District</u>	<u>Required Lot Area</u>	<u>Required Lot Width Thru Building or Structure</u>	<u>Required Minimum NonWetland Area*</u>
Single Residence E	80,000 sq. ft.	175 ft.	12,000 sq. ft.
Single Residence C	40,000 sq. ft.	125 ft.	12,000 sq. ft.
Single Residence B	20,000 sq. ft.	110 ft.	12,000 sq. ft.
Single Residence D	15,000 sq. ft.	100 ft.	12,000 sq. ft.
Single Residence A	12,000 sq. ft.	90 ft.	12,000 sq. ft.
General Residence	12,000 sq. ft.	90 ft.	12,000 sq. ft.
Business	4,000 sq. ft.	40 ft.	4,000 sq. ft.
Limited Industry	3 acres	200 ft.	12,000 sq. ft.
Light Industry	10,000 sq. ft.	100 ft.	10,000 sq. ft.

*Required Minimum Non Wetland Area must be measured in contiguous square feet.

(b) Lot Frontage.

No building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot which does not front on at least one street for a distance of at least the "Required Lot Frontage" specified in the following table for the district in which said lot is located, or which has a width of less than said amount at any point between the frontage street and the nearest point of said building or structure

<u>District</u>	<u>Required Lot Frontage</u>
Single Residence C	125 ft.
Single Residence B, D, A	90 ft.
General Residence	90 ft.
Single Residence E	175 ft.
Business	40 ft.
Limited Industry	200 ft.
Light Industry	100 ft.

(c) Lot Area and Width in Limited Industrial Districts.

In a Limited Industrial District no building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot having an area of less than three (3) acres or having a street frontage of less than two hundred (200) feet.

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SECTION 14. LOT SIZE REGULATIONS

(a) Lot Area and Width.

In all Districts, no building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot having less area than the "Required Lot Area", or less than the "Required Minimum Non Wetland Area" being defined as land other than the fresh water wetlands as that term is defined in MGL Chapter 131, Section 40, or having less width, measured through that part of the building or structure where the lot is narrowest, than the "Required Lot Width Through Building or Structure" specified in the following table for the district in which said lot is located, and no more than one building or structure constructed as a dwelling, or so used, shall be located on each such lot.

<u>District</u>	<u>Required Lot Area</u>	<u>Required Lot Width Thru Building or Structure</u>	<u>Required Minimum NonWetland *Area</u>
Single Residence E	80,000 sq. ft.	175 ft.	12,000 sq.ft.
Single Residence C	40,000 sq. ft.	125 ft.	12,000 sq.ft.
Single Residence B	20,000 sq. ft.	110 ft.	12,000 sq.ft.
Single Residence D	15,000 sq. ft.	100 ft.	12,000 sq.ft.
Single Residence A	12,000 sq. ft.	90 ft.	12,000 sq.ft.
General Residence	12,000 sq. ft.	90 ft.	12,000 sq.ft.
Business	4,000 sq. ft.	40 ft.	4,000 sq.ft.
Limited Industry	3 acres	200 ft.	12,000 sq.ft.
Light Industry	10,000 sq. ft.	100 ft.	10,000 sq.ft.

*Required Minimum Non Wetland Area must be measured in contiguous square feet.

(b) Lot Frontage.

No building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot which does not front on at least one street for a distance of at least the "Required Lot Frontage" specified in the following table for the district in which said lot is located, or which has a width of less than said amount at any point between the frontage street and the nearest point of said building or structure.

<u>District</u>	<u>Required Lot Frontage</u>
Single Residence C	125 ft.
Single Residence B, D, A	90 ft.
General Residence	90 ft.
Single Residence E	175 ft.
Business	40 ft.
Limited Industry	200 ft.
Light Industry	100 ft.

(c) Lot Area and Width in Limited Industrial Districts.

In a Limited Industrial District no building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot having an area of less than three (3) acres or having a street frontage of less than two hundred (200) feet.

1994

SECTION 14. LOT SIZE REGULATIONS

(a) Lot Area and Width.

In all Districts, no building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot having less area than the "Required Lot Area", or less than the "Required Minimum Non Wetland Area" being defined as land other than the fresh water wetlands as that term is defined in MGL Chapter 131, Section 40, or having less width, measured through that part of the building or structure where the lot is narrowest, than the "Required Lot Width Through Building or Structure" specified in the following table for the district in which said lot is located, and no more than one building or structure constructed as a dwelling, or so used, shall be located on each such lot.

District	Required Lot Area	Required Lot Width Thru Building or Structure	Required Minimum Non Wetland* Area
Single Residence A	12,000 sf	90 ft.	12,000 sf
Single Residence B	20,000 sf	110 ft.	12,000 sf
Single Residence C	40,000 sf	125 ft.	12,000 sf
Single Residence D	15,000 sf	100 ft.	12,000 sf
Single Residence E	80,000 sf	175 ft.	12,000 sf
General Residence	12,000 sf	90 ft.	12,000 sf
Local Business A & B	4,000 sf	40 ft	4,000 sf
Industrial	40,000 sf	200 ft.	12,000 sf
Highway Business	10,000 sf	100 ft.	10,000 sf
Admin-Res-Office			
Resid Retirement C.	5 acres**	n/a	n/a
Other uses	80,000 sf	175 ft.	n/a

*Required Minimum Non Wetland Area must be measured in contiguous square feet.

**But not more than 4.5 dwelling units or 1.5 nursing facility beds per acre.

(b) Lot Frontage.

No building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot which does not front on at least one street for a distance of at least the "Required Lot Frontage" specified in the following table for the district in which said lot is located, or which has a width of less than said amount at any point between the frontage street and the nearest point of said building or structure.

1997

SECTION 14. LOT SIZE REGULATIONS

(a) Lot Area and Width.

In all Districts, no building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot having less area than the "Required Lot Area", or less than the "Required Minimum Non Wetland Area" being defined as land other than the fresh water wetlands as that term is defined in MGL Chapter 131, Section 40, or having less width, measured through that part of the building or structure where the lot is narrowest, than the "Required Lot Width Through Building or Structure" specified in the following table for the district in which said lot is located, and no more than one building or structure constructed as a dwelling, or so used, shall be located on each such lot.

<u>District</u>	<u>Required Lot Area</u>	<u>Required Lot Width Thru Building or Structure</u>	<u>Required Minimum Non Wetland* Area</u>
Single Residence A	12,000 sf	90 ft.	12,000 sf
Single Residence B	20,000 sf	110 ft.	12,000 sf
Single Residence C	40,000 sf	125 ft.	12,000 sf
Single Residence D	15,000 sf	100 ft.	12,000 sf
Single Residence E	80,000 sf	175 ft.	12,000 sf
General Residence	12,000 sf	90 ft.	12,000 sf
Local Business A & B	4,000 sf	40 ft.	4,000 sf
Industrial	40,000 sf	200 ft.	12,000 sf
Highway Business	10,000 sf	100 ft.	10,000 sf
Admin-Res-Office			
Resid Retirement	5 acres**	n/a	n/a
Community			
Other uses	80,000 sf	175 ft.	n/a

*Required Minimum Non Wetland Area must be measured in contiguous square feet.

**But not more than 4.5 dwelling units or 1.5 nursing facility beds per acre.

(b) Lot Frontage.

No building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot which does not front on at least one street for a distance of at least the "Required Lot Frontage" specified in the following table for the district in which said lot is located. Each lot shall have a minimum measured distance between side lot lines at least equal to the required lot frontage at all points between the frontage street and the nearest point of said building or structure.

1998

SECTION 14. LOT SIZE REGULATIONS

(a) **Lot Area and Width.**

In all Districts, no building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot having less area than the "Required Lot Area", or less than the "Required Minimum Non Wetland Area" being defined as land other than the fresh water wetlands as that term is defined in MGL Chapter 131, Section 40, or having less width, measured through that part of the building or structure where the lot is narrowest, than the "Required Lot Width Through Building or Structure" specified in the following table for the district in which said lot is located, and no more than one building or structure constructed as a dwelling, or so used, shall be located on each such lot.

<u>District</u>	<u>Required Lot Area</u>	<u>Required Lot Width Thru Building or Structure</u>	<u>Required Minimum Non Wetland^{1,2} Area</u>
Single Residence A	12,000 sf	90 ft.	12,000 sf
Single Residence B	20,000 sf	110 ft.	15,000 sf
Single Residence C	40,000 sf	125 ft.	30,000 sf
Single Residence D	15,000 sf	100 ft.	12,000 sf
Single Residence E	80,000 sf	175 ft.	60,000 sf
General Residence	12,000 sf	90 ft.	12,000 sf
Local Business A & B	4,000 sf	40 ft.	4,000 sf
Industrial	40,000 sf	200 ft.	12,000 sf
Highway Business	10,000 sf	100 ft.	10,000 sf
Admin-Res-Office			
Resid Retirement Community	5 acres ³	n/a	n/a
Other uses	80,000 sf	175 ft.	60,000 sf

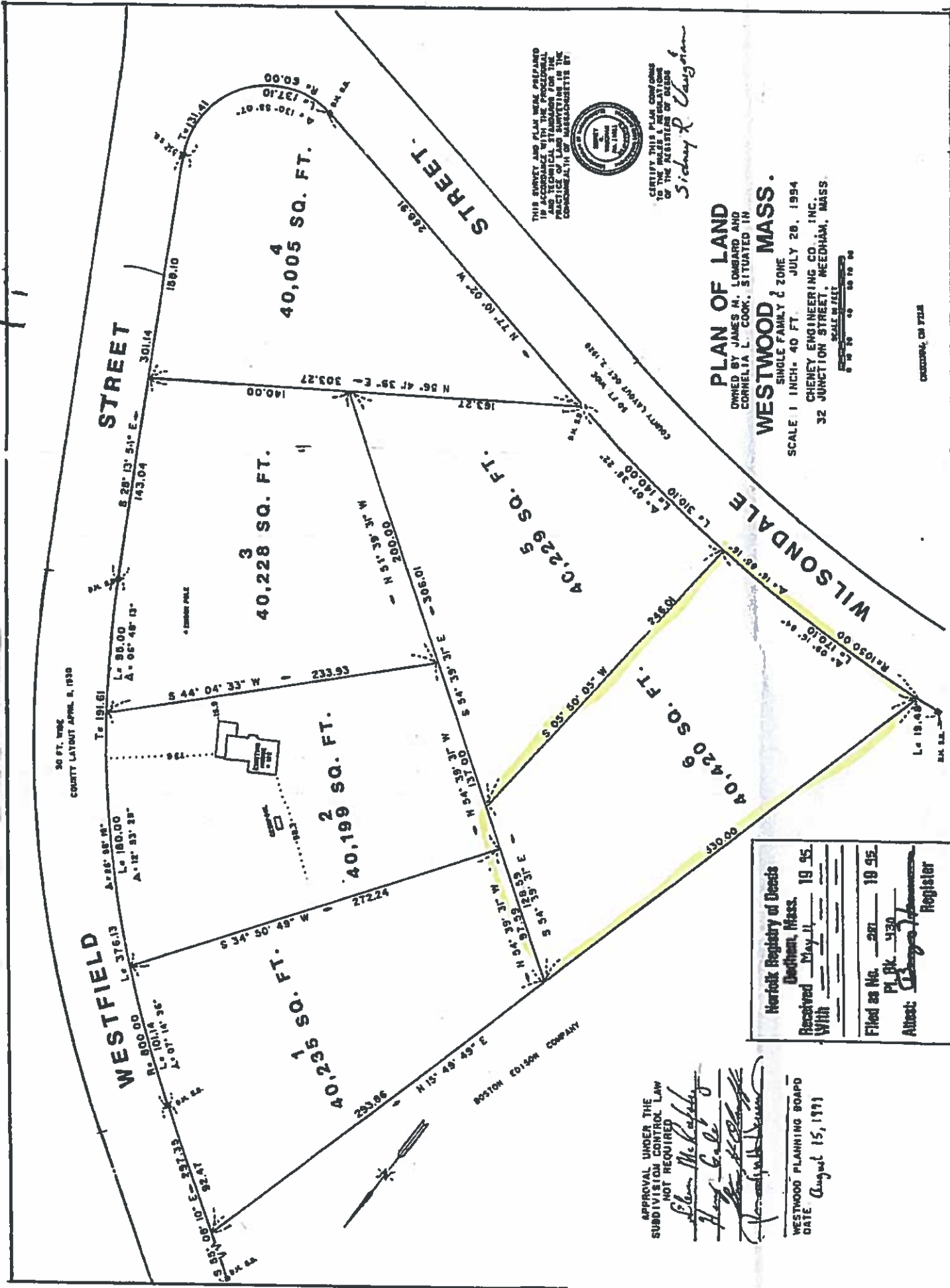
¹Required Minimum Non Wetland Area must be measured in contiguous square feet.

²12,000 square feet in all residential districts for all lots created prior to the date of adoption of this provision. Section 6 of Chapter 40A, MGL may also limit the requirements for certain other lots.

³But not more than 4.5 dwelling units or 1.5 nursing facility beds per acre.

(b) **Lot Frontage.**

No building or structure, except a one-story building or structure of accessory use, shall be constructed on a lot which does not front on at least one street for a distance of at least the "Required Lot Frontage" specified in the following table for the district in which said lot is located. Each lot shall have a minimum measured distance between side lot lines at least equal to the required lot frontage at all points between the frontage street and the nearest point of said building or structure.



THIS SURVEY AND PLAN WERE PREPARED IN ACCORDANCE WITH THE PROFESSIONAL AND TECHNICAL STANDARDS FOR THE PRACTICE OF SURVEYING AND MAPPING COMBINED AS IN THE MASSACHUSETTS BY



CERTIFY THIS PLAN CONFORMS TO THE RULES & REGULATIONS OF THE REGISTER OF DEEDS

Sidney R. Livingston

PLAN OF LAND
 OWNED BY JAMES M. LOMBARD AND CORNELIA L. COOK, SITUATED IN **WESTWOOD MASS.**

SINGLE FAMILY 2 ZONE
 SCALE 1 INCH = 40 FT. JULY 20, 1994
 CHENEY ENGINEERING CO. INC.
 32 JUNCTION STREET, NEEDHAM, MASS.

SCALE IN FEET
 0 20 40 60 80 100

CREATING ON FILE

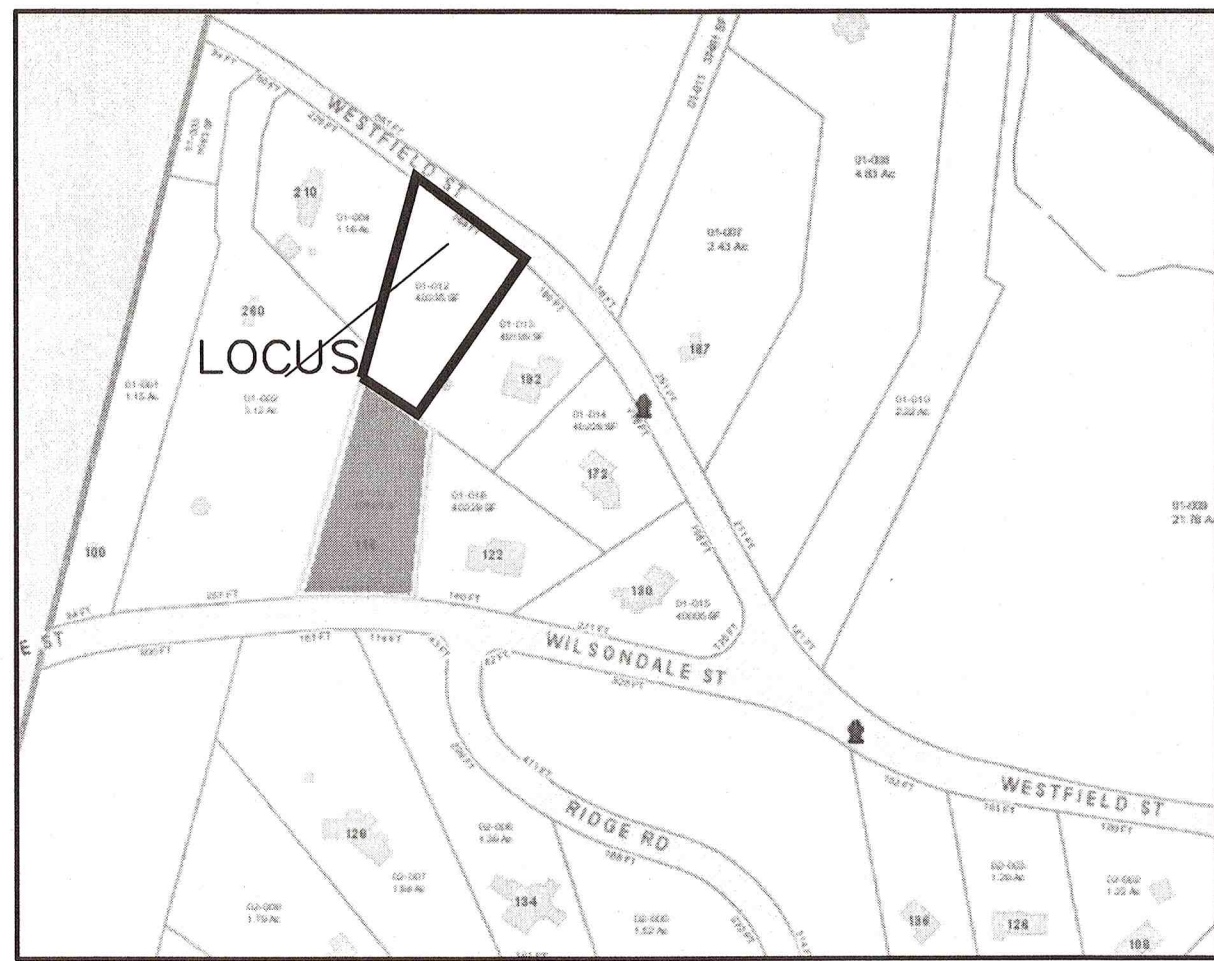
Norfolk Registry of Deeds	
Dorchester, Mass.	
Received	May 11, 19 95
With	
Filed as No.	287 18 95
PL. No.	4130
Attest:	<i>[Signature]</i> Register

APPROVAL UNDER THE SUBDIVISION CONTROL LAW NOT REQUIRED

Edwin McLaughlin
Henry Gale
[Signature]

WESTWOOD PLANNING BOARD
 DATE August 15, 1994

BOSTON TOLSON COMPANY



LOCUS MAP (NTS)

ZONING & LAND USE TABLE			
ZONING DISTRICT	RESIDENCE DISTRICT SR-C		
ITEM	REQUIRED	PROPOSED	
LOT SIZE	40,000 S.F.	40,420 S.F.	
LOT AREA UPLAND	12,000 S.F.*	16,868 S.F.	
LOT FRONTAGE	125 L.F.	170.09 FT.	
LOT WIDTH	125 L.F.	162.5 FT.	
SETBACKS:		HOUSE	BARN
FRONT	40 FT.	41.0 FT.	169.8 FT.
SIDE	20 FT./15' ACC. BLD.	21.0 FT.	16.0 FT.
REAR	30 FT.	187.5 FT.	51.0 FT.
BLDG COVERAGE (STRUCTURE)	25%	6.8%	
LOT COVERAGE (IMPERVIOUS)	50%	9.3%	

* 12,000 S.F. FOR ALL LOTS UNCHANGED SINCE 1998.

PLAN NOTES

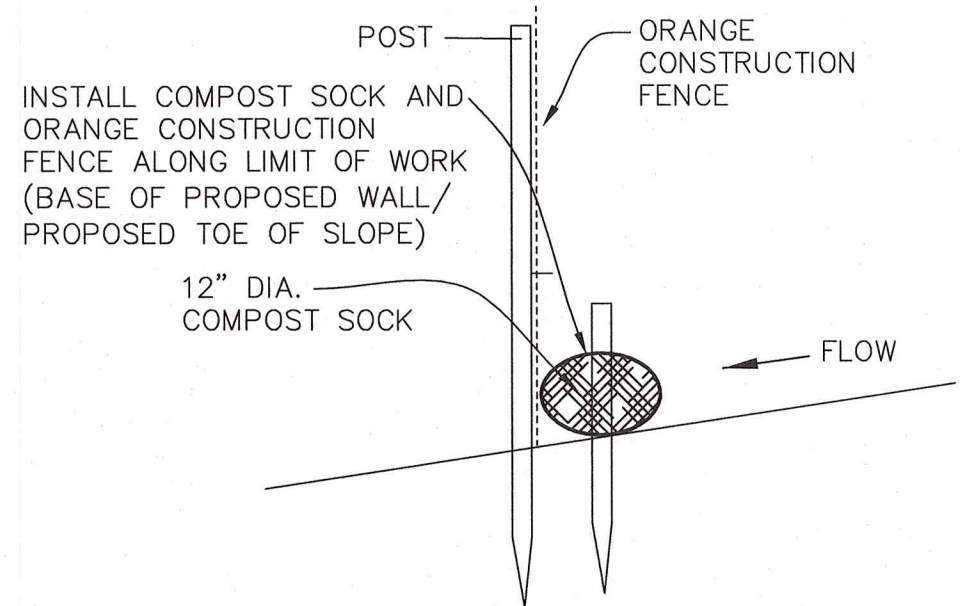
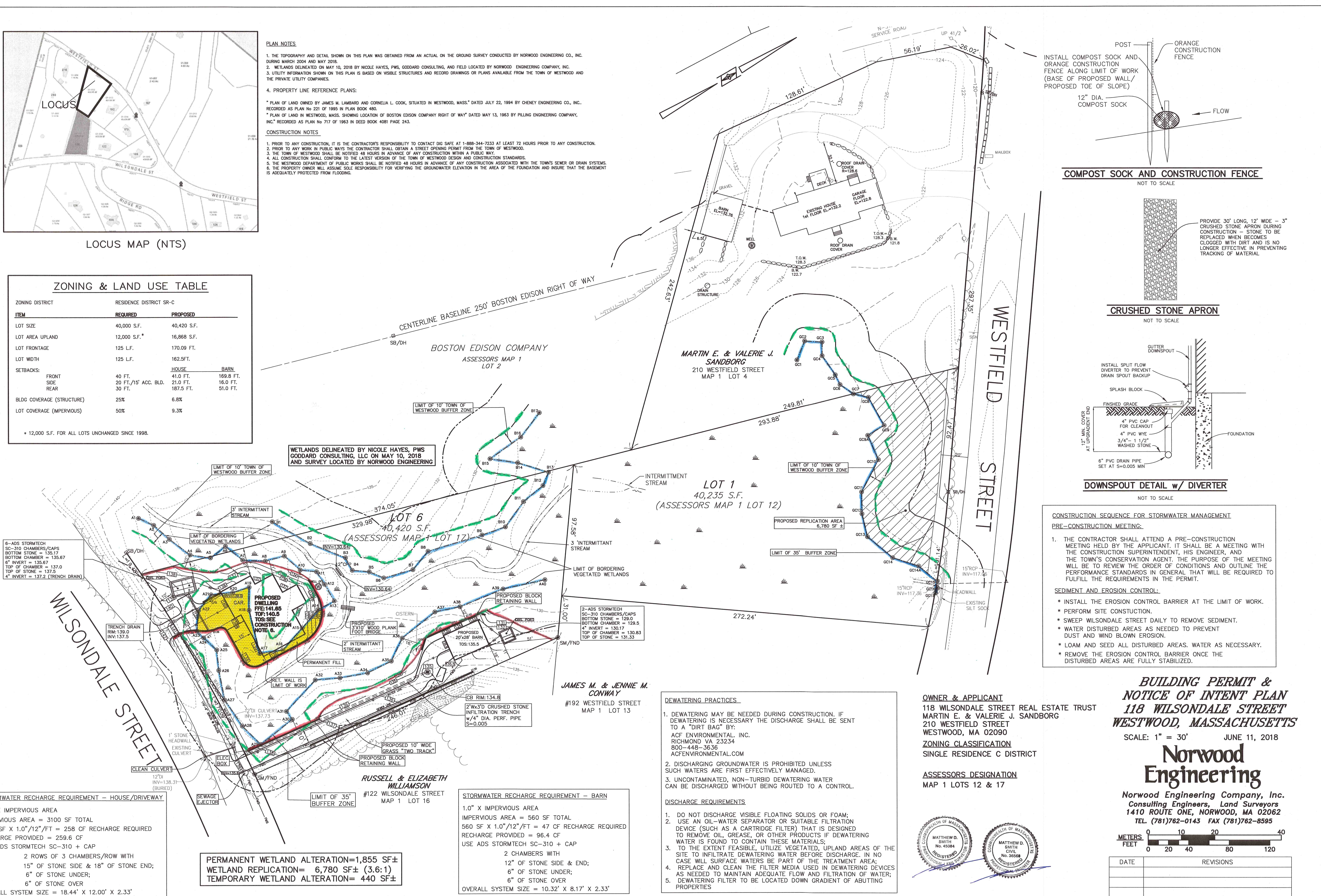
1. THE TOPOGRAPHY AND DETAIL SHOWN ON THIS PLAN WAS OBTAINED FROM AN ACTUAL ON THE GROUND SURVEY CONDUCTED BY NORWOOD ENGINEERING CO., INC. DURING MARCH 2004 AND MAY 2018.
2. WETLANDS DELINEATED ON MAY 10, 2018 BY NICOLE HAYES, PWS, GODDARD CONSULTING, AND FIELD LOCATED BY NORWOOD ENGINEERING COMPANY, INC.
3. UTILITY INFORMATION SHOWN ON THIS PLAN IS BASED ON VISIBLE STRUCTURES AND RECORD DRAWINGS OR PLANS AVAILABLE FROM THE TOWN OF WESTWOOD AND THE PRIVATE UTILITY COMPANIES.

PROPERTY LINE REFERENCE PLANS:

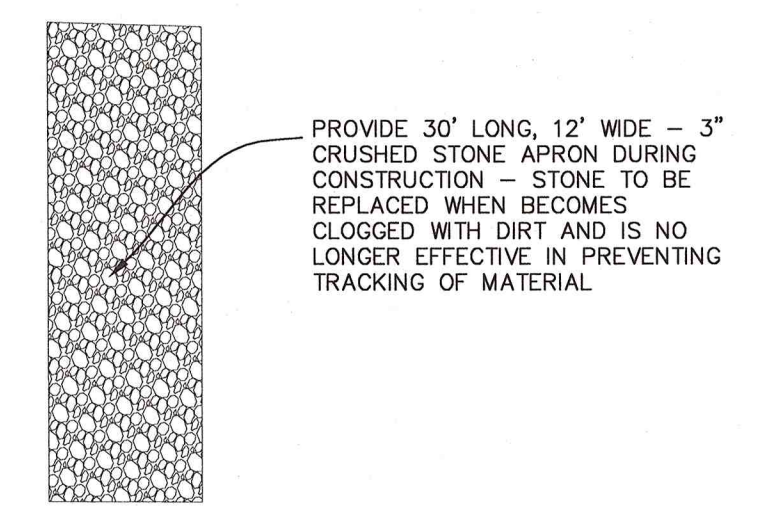
- * PLAN OF LAND OWNED BY JAMES M. LAMBARO AND CORNELIA L. COOK, SITUATED IN WESTWOOD, MASS. DATED JULY 22, 1994 BY CHENEY ENGINEERING CO., INC. RECORDED AS PLAN No 221 OF 1995 IN PLAN BOOK 480.
- * PLAN OF LAND IN WESTWOOD, MASS. SHOWING LOCATION OF BOSTON EDISON COMPANY RIGHT OF WAY DATED MAY 13, 1963 BY PILING ENGINEERING COMPANY, INC. RECORDED AS PLAN No 717 OF 1963 IN DEED BOOK 4081 PAGE 243.

CONSTRUCTION NOTES

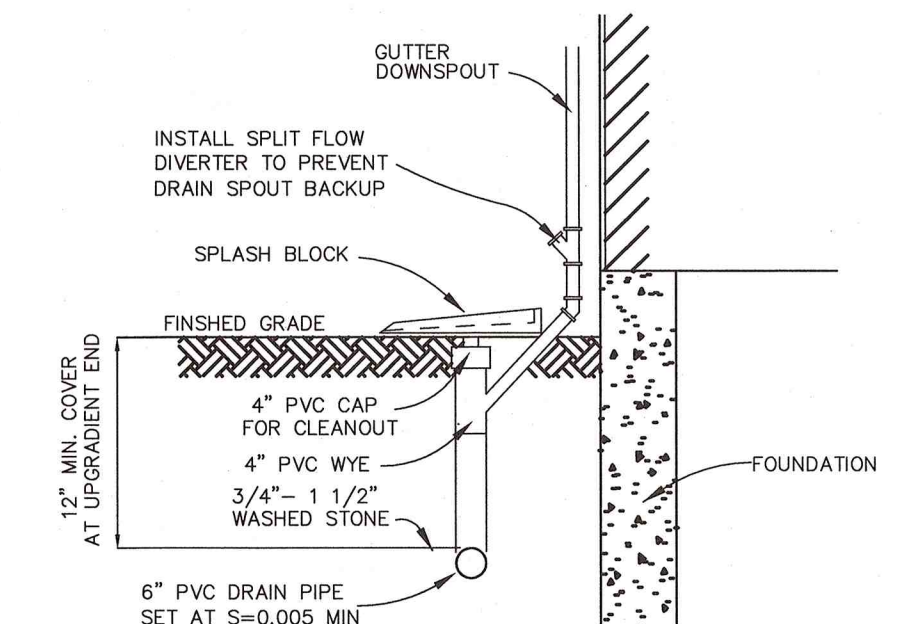
1. PRIOR TO ANY CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT DISA SAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION.
2. PRIOR TO ANY WORK IN PUBLIC WAYS THE CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT FROM THE TOWN OF WESTWOOD.
3. THE TOWN OF WESTWOOD SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF ANY CONSTRUCTION WITHIN A PUBLIC WAY.
4. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST VERSION OF THE TOWN OF WESTWOOD DESIGN AND CONSTRUCTION STANDARDS.
5. THE WESTWOOD DEPARTMENT OF PUBLIC WORKS SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ASSOCIATED WITH THE TOWN'S SEWER OR DRAIN SYSTEMS.
6. THE PROPERTY OWNER WILL ASSUME SOLE RESPONSIBILITY FOR VERIFYING THE GROUNDWATER ELEVATION IN THE AREA OF THE FOUNDATION AND INSURE THAT THE BASEMENT IS ADEQUATELY PROTECTED FROM FLOODING.



COMPOST SOCK AND CONSTRUCTION FENCE
NOT TO SCALE



CRUSHED STONE APRON
NOT TO SCALE



DOWNSPOUT DETAIL w/ DIVERTER
NOT TO SCALE

CONSTRUCTION SEQUENCE FOR STORMWATER MANAGEMENT

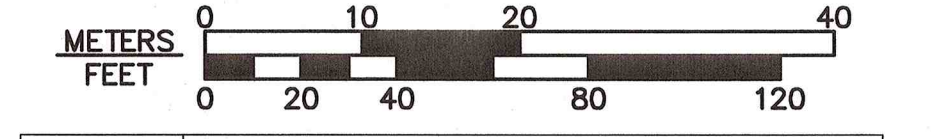
- PRE-CONSTRUCTION MEETING:**
1. THE CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION MEETING HELD BY THE APPLICANT. IT SHALL BE A MEETING WITH THE CONSTRUCTION SUPERINTENDENT, HIS ENGINEER, AND THE TOWN'S CONSERVATION AGENT. THE PURPOSE OF THE MEETING WILL BE TO REVIEW THE ORDER OF CONDITIONS AND OUTLINE THE PERFORMANCE STANDARDS IN GENERAL THAT WILL BE REQUIRED TO FULFILL THE REQUIREMENTS IN THE PERMIT.
- SEDIMENT AND EROSION CONTROL:**
- * INSTALL THE EROSION CONTROL BARRIER AT THE LIMIT OF WORK.
 - * PERFORM SITE CONSTRUCTION.
 - * SWEEP WILSONDALE STREET DAILY TO REMOVE SEDIMENT.
 - * WATER DISTURBED AREAS AS NEEDED TO PREVENT DUST AND WIND BLOWN EROSION.
 - * LOAM AND SEED ALL DISTURBED AREAS. WATER AS NECESSARY.
 - * REMOVE THE EROSION CONTROL BARRIER ONCE THE DISTURBED AREAS ARE FULLY STABILIZED.

BUILDING PERMIT & NOTICE OF INTENT PLAN
118 WILSONDALE STREET
WESTWOOD, MASSACHUSETTS

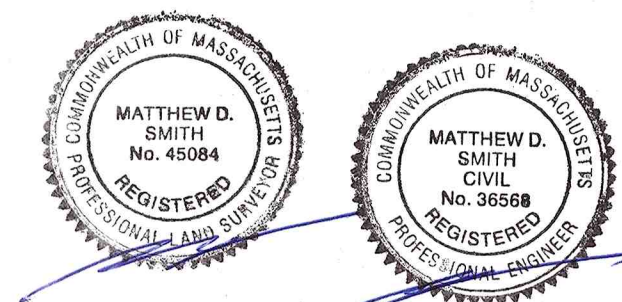
SCALE: 1" = 30' JUNE 11, 2018

Norwood Engineering

Norwood Engineering Company, Inc.
Consulting Engineers, Land Surveyors
1410 ROUTE ONE, NORWOOD, MA 02062
TEL (781)762-0143 FAX (781)762-8595



DATE	REVISIONS



DEWATERING PRACTICES

1. DEWATERING MAY BE NEEDED DURING CONSTRUCTION. IF DEWATERING IS NECESSARY THE DISCHARGE SHALL BE SENT TO A "DIRT BAG" BY: ACF ENVIRONMENTAL, INC. RICHMOND VA 23234 800-448-3636 ACFENVIRONMENTAL.COM
2. DISCHARGING GROUNDWATER IS PROHIBITED UNLESS SUCH WATERS ARE FIRST EFFECTIVELY MANAGED.
3. UNCONTAMINATED, NON-TURBID DEWATERING WATER CAN BE DISCHARGED WITHOUT BEING ROUTED TO A CONTROL.

DISCHARGE REQUIREMENTS

1. DO NOT DISCHARGE VISIBLE FLOATING SOLIDS OR FOAM;
2. USE AN OIL-WATER SEPARATOR OR SUITABLE FILTRATION DEVICE (SUCH AS A CARTRIDGE FILTER) THAT IS DESIGNED TO REMOVE OIL, GREASE, OR OTHER PRODUCTS IF DEWATERING WATER IS FOUND TO CONTAIN THESE MATERIALS;
3. TO THE EXTENT FEASIBLE, UTILIZE VEGETATED, UPLAND AREAS OF THE SITE TO INFILTRATE DEWATERING WATER BEFORE DISCHARGE. IN NO CASE WILL SURFACE WATERS BE PART OF THE TREATMENT AREA;
4. REPLACE AND CLEAN THE FILTER MEDIA USED IN DEWATERING DEVICES AS NEEDED TO MAINTAIN ADEQUATE FLOW AND FILTRATION OF WATER;
5. DEWATERING FILTER TO BE LOCATED DOWN GRADIENT OF ABUTTING PROPERTIES

OWNER & APPLICANT
118 WILSONDALE STREET REAL ESTATE TRUST
MARTIN E. & VALERIE J. SANDBORG
210 WESTFIELD STREET
WESTWOOD, MA 02090

ZONING CLASSIFICATION
SINGLE RESIDENCE C DISTRICT

ASSESSORS DESIGNATION
MAP 1 LOTS 12 & 17

JAMES M. & JENNIE M. CONWAY
#192 WESTFIELD STREET
MAP 1 LOT 13

RUSSELL & ELIZABETH WILLIAMSON
#122 WILSONDALE STREET
MAP 1 LOT 16

STORMWATER RECHARGE REQUIREMENT - HOUSE/DRIVEWAY

1.0" X IMPERVIOUS AREA
IMPERVIOUS AREA = 3100 SF TOTAL
3100 SF X 1.0"/12"/FT = 258 CF RECHARGE REQUIRED
RECHARGE PROVIDED = 259.6 CF
USE ADS STORMTECH SC-310 + CAP

2 ROWS OF 3 CHAMBERS/ROW WITH
15" OF STONE SIDE & 18" OF STONE END;
6" OF STONE UNDER;
6" OF STONE OVER

OVERALL SYSTEM SIZE = 18.44' X 12.00' X 2.33'

PERMANENT WETLAND ALTERATION=1,855 SF±
WETLAND REPLICATION= 6,780 SF± (3.6:1)
TEMPORARY WETLAND ALTERATION= 440 SF±

STORMWATER RECHARGE REQUIREMENT - BARN

1.0" X IMPERVIOUS AREA
IMPERVIOUS AREA = 560 SF TOTAL
560 SF X 1.0"/12"/FT = 47 CF RECHARGE REQUIRED
RECHARGE PROVIDED = 96.4 CF
USE ADS STORMTECH SC-310 + CAP

2 CHAMBERS WITH
12" OF STONE SIDE & END;
6" OF STONE UNDER;
6" OF STONE OVER

OVERALL SYSTEM SIZE = 10.32' X 8.17' X 2.33'



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Northeast Regional Office • 205B Lowell Street, Wilmington MA 01887 • 978-694-3200

Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Matthew A. Beaton
Secretary

Martin Suuberg
Commissioner

October 10, 2018

Martin Sanborg
c/o Nicole Hayes
Goddard Consulting, LLC
291 Main Street; Suite 8
Northborough, MA 01532

RE: WETLANDS/Westwood
MassDEP File # 338-0670
118 Wilsondale Street
Request for Information

Dear Ms. Hayes,

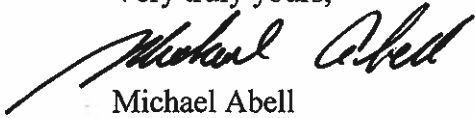
As stated during the site inspection of September 26, 2018, MassDEP is requesting additional information. In accordance with the General Performance standards for Bordering Vegetated Wetlands ("BVW") the issuing authority *may* (emphasis added) issue an Order of Conditions permitting work which results in the loss of up to 5,000 square feet. In the exercise of this discretion, the issuing authority shall consider the magnitude of the alteration and the significance of the project site to the interests identified in the Act, the extent to which adverse impacts can be avoided, the extent to which adverse impacts can be avoided, the extent to which adverse impacts are minimized, and the extent to which mitigation measures, including replication or restoration, are provided to contribute to the protection of the interests identified in the Act.

MassDEP is hereby requesting complete and detailed alternatives analysis to avoid and minimize the loss of the BVW by filling. Within the analysis alternatives should include but not necessarily be limited to reducing the size of the dwelling so that the foundation is not within the wetland, reducing the fill for both the proposed dwelling and yard, and removing proposed garage and shifting the dwelling to avoid filling.

No activity may commence on any portion of the project site subject to the jurisdiction of M.G.L. Chapter 131, Section 40, until the MassDEP issues a SOC and all appeal periods have elapsed.

Should you have any questions relative to this decision, please contact me at (978) 694-3257.

Very truly yours,

A handwritten signature in black ink that reads "Michael Abell". The signature is written in a cursive style with a long, sweeping underline that extends to the left.

Michael Abell
Environmental Analyst
Wetlands and Waterways Program

cc: Westwood Conservation Commission, 50 Carby Street, Westwood, MA 02090