

**Littleton Conservation Commission**

37 Shattuck Street / Room 303

Phone: 978 540-2428

Fax: 978 952-2321

Filing Procedure Summary (rev Feb 16, 2017)
Submit this checklist with application

The following procedures must be followed when filing under M.G.L. c. 131, §40 or the Littleton Wetlands Protection, Chapter 171 for a wetland permit. The procedure applies to Notice of Intent, Abbreviated Notice of Intent, Request for Determinations, and Abbreviated Notice of Resource Area Determinations.

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 Littleton Wetlands Protection, Chapter 171.

____ (1) one electronic file of complete submittal emailed to the Conservation Coordinator and 2 hard copies (with full sized, color plans) filed with the Conservation Commission hand delivered or mailed and received in the office before noon of filing deadline. Additional copies may be required of some projects. Please call ahead to determine meeting dates and filing deadlines.

____ (1) one complete copy of the application must be filed with Department of Environmental Protection at:
Department of Environmental Protection
8 New Bond Street
Worcester, Massachusetts 01608

____ The applicant must include a certified list of abutters (including those in adjacent Towns) located within 100 feet of the property boundaries, according to the most recent records of the Town Assessors, or as determined by MADEP policy on abutter notification. If a Town line is within 300 feet of the Limit of Work, then that Town's Conservation Commission must also be notified.

____ The applicant, at the applicant's expense, shall post to each abutter (and owner if owner is not applicant) by Certified Mail (Return Receipt Requested), or by hand delivery with signature of abutter a copy of the Abutter Notification Form. An Affidavit of Service of such notification shall also be provided. Abutters' signed acknowledgement of notification (ie, green Return Receipt cards) shall be provided at the first public meeting/hearing.

____ At the applicant's expense, the Commission shall publish a legal notice in a newspaper of local circulation announcing the public hearing. The Notice will be published at least five (5) working days prior to the meeting and will include the date, time and location of the public hearing. The newspaper will bill the applicant directly. This bill must be paid before the legal notice will be published. **Please provide information on who will pay the newspaper (owner, applicant and/or representative) with the application (Name, address, phone and email).** _____

____ Filing fees for MADEP and Town of Littleton under the MA Wetlands Protection Act regulations, as well as the Littleton Wetlands Protection ByLaw filing fee. Provide a copy of all checks with the filing.

☒ Waiver Request if required

PROJECT NAME/ADDRESS: 5 KALCVA Rd, Littleton **DATE:** 2/19/23

Plans Checklist to accompany application for Notice of Intent (NOI). This is a Bylaw Supplemental form to aid you in submitting complete and appropriate information on your plans.

All lines must be marked X or identified as Not Applicable ("N/A"), or noted as to where the information can be found.

(1) X North arrow X Locus insert X Bar scale (preferably ~~1 in = 20 to 40 ft.~~)

1 cm = 5'

(2) Title Block with Following Information:

X Plan Title

X Applicant's Name(s), address & phone

X Property Owner Name(s), address & phone

X Location/street name & number

X Assessor map, lot, Registry book, page on all lots w/activity

X Plan preparer's name, ~~title, stamp, company name~~, address phone & fax

X Date plan prepared, last revised, and revision notes

(3) X Existing contours

(4) X Existing structure(s) with natural and man-made features, including stone walls and trails

(5) X Trees over 8-inch diameter breast height within resource areas and buffer zones

(6) X Property lines; clearly mark limits of review area if entire property is not under review

(7) N/A Existing utilities, rights-of-way, easements, ancient ways or other deeded ways
property has no property lines

(8) X Name of wetland scientist responsible for identifying wetland boundaries

(9) N/A Date wetland was flagged (must be no more than 3 years prior to current date)
Amy green

(10) N/A Wetland resource area boundaries with flag numbers
Does not impact wetland

(11) X 100 foot buffer zone limits and 50-foot No Disturb limit

(12) X Notations identifying all wetland types and delineation methodology

(13) X Shortest distance to all resource areas from closest proposed structure (use arrow)

(14) X Shortest distance to all resource areas from closest point of erosion control materials

PROJECT NAME/ADDRESS: 5 Kalkva Rd Improvements DATE: 7/1/22
5 Kalkva Rd, Littleton MA

- (15) _____ Proposed contours (one foot increments)
- (16) _____ Proposed location of utility lines
- (17) _____ Proposed structure(s) (including driveway work, septic components, etc)
- (18) _____ Existing and proposed stormwater management features (including temporary controls)
- (19) _____ Watersheds and drainage areas
- (20) _____ Test pit, boring holes and logs
- (21) _____ Conservation post detail and plaque detail
- (22) _____ Location of temporary stockpiles w/notation of content (e.g. excavated soils)
- (23) _____ Location of snow storage areas
- (24) _____ Cross-sections, particularly at key areas of slopes near wetland resource areas
- (25) _____ Mitigation plans as needed
- (26) _____ Construction sequencing

PROJECT NAME/ADDRESS: ~~400~~ 5 Kaleva Rd, Littleton DATE: 4/15/23

The two full sized color plans (and presentation plan) should be colored as follows.

Check if present	Feature	Line Type
	Existing tree line	Green solid
	Proposed tree line	Green dashed
	Bordering Vegetated Wetlands*	Dark blue solid
	Bank/Land Under Water	Light blue dashed
X	100 foot buffer from BVW and/or Bank	Yellow solid
X	50 foot No Disturb limit from BVW and/or Bank	Yellow dashed
	Vernal Pool	Purple solid
	Vernal Pool 100 foot	Purple dashed

Check if present	Feature	Line Type
	Bordering Lands Subject to Flooding	Orange solid
	Isolated Lands Subject to Flooding	Orange dashed
X	Mean Annual High Water	Light red solid
	100 foot and 200 foot Riverfront Area	Light red dashed
	Wetland/Land Under Water impact	Red solid with yellow stripes as shading
	Mitigation Area	Red solid line with stippled green and yellow as shading
	Erosion controls	Brown dashed
	Limit of work	Brown solid

*Note locations of any federal, non-state isolated vegetated wetlands

PROJECT NAME/ADDRESS: 5 KALEVA RD Improvements DATE: 9/1/23
5 KALEVA RD Littleton MA



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

DEP File Number:

WPA Form 4 – Abbreviated Notice of Intent

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

Provided by DEP

Town

A. General Information

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.

1. Applicant:

Susan Chaffin
Name

fortpondgirl@gmail.com
E-Mail Address

1601 Welf Rd
Street Address

Fallbrook
City/Town

California
State

92028
Zip Code

858-245-9015
Phone Number

Fax Number (if applicable)

2. Representative (if any):

Firm

Contact Name

E-Mail Address

Mailing Address

City/Town

State

Zip Code

Phone Number

Fax Number (if applicable)

3. Property Owner (if different from applicant):

Name

Mailing Address

City/Town

State

Zip Code

4. Total Fee:

\$110 + \$55 Local

(from NOI Wetland Fee Transmittal Form)

5. Project Location:

5 Kalava Rd
Street Address

Littleton
City/Town

Latitude and Longitude:

Latitude

Longitude

W 29

Assessors Map/Plat Number

6 - C

Parcel /Lot Number

6. General Project Description:

- (A) Native plantings will replace the shed, that is being removed 13 ft from fort pond
- (B) Building of new shed 124 feet from fort pond, and 71 feet from small wetland between camps 6 & 7.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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WPA Form 4 – Abbreviated Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by DEP

Town

A. General Information (cont.)

7. Registry of Deeds:

Middlesex south
 County

74884
 Book

547
 Page

Certificate (if Registered Land)

B. Site and Activities Subject to Regulation

Complete any of the following sections that apply to the proposed work and project site.

1. Complete for proposed activities located, in whole or in part, in Buffer Zone.

a. Check all the following borders to the Buffer Zone:

Inland Resource Areas

- ☒ Inland Bank
☒ Bordering Vegetated Wetland (BVW)

Coastal Resource Areas

- ☐ Coastal Beach ☐ Barrier Beach
☐ Rocky Intertidal Shore ☐ Coastal Dune
☐ Salt Marsh ☐ Coastal Bank

b. Check all the methods used to delineate the Bordering Vegetated Wetland boundary:

- ☐ Final Order of Resource Area Delineation issued by Conservation Commission or DEP (attached)
☐ DEP BVW Field Data Form (attached)
☐ Final Determination of Applicability issued by Conservation Commission (attached)
☒ Other Method of Determining BVW boundary (attach documentation):
☒ 50% or more wetland indicator plants
☐ Saturated/inundated conditions exist
☐ Groundwater indicators
☐ Direct observation
☐ Hydric soil indicators
☐ Credible evidence of conditions prior to disturbance.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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

Provided by DEP

Town

B. Site and Activities Subject to Regulation (cont.)

- c. Describe, with reference to supporting plans and calculations where necessary, the size, type, and location of the proposed work and mitigating measures and designs to insure that the proposed work will not alter the resource area and Buffer Zone borders. Attach additional sheets, if necessary.

① Erosion controls will be used. -Native plantings will replace the shed, which is approx 43 ft. from Fort pond. old shed will be removed -new native plantings will replace the shed. ② New shed proposed 124 ft from fort pond and 71 ft from wetland between camp 6 & 7. ③ Replace and reconfigure deck 750 ft from fort pond

2. Complete for proposed activities located, in whole or in part, in Land Subject to Flooding.

- a. Resource area description:

Bordering Land Subject to Flooding:

Isolated Land Subject to Flooding:

Volume of Flood Storage Lost (cubic feet)

Volume of Flood Storage Lost (cubic feet)

Volume of Flood Storage Compensation (cubic feet)

Volume of Flood Storage Compensation (cubic feet)

- b. Describe, with reference to supporting plans and calculations where necessary the size, shape, location, and type of work, mitigating measures, and designs proposed to meet the performance standards set forth in 310 CMR 10.57(4) and 10.60. Attach additional sheets, if necessary.

N/A

3. Complete for proposed activities located, in whole or in part, in the Riverfront Area.

- a. Name of Waterway (if available):

N/A



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

DEP File Number: _____

WPA Form 4 – Abbreviated Notice of Intent

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

Provided by DEP _____

Town _____

B. Site and Activities Subject to Regulation (cont.)

b. Width of Riverfront Area (check one):

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

c. Describe how the Mean Annual High-Water Line was determined:

N/A

d. Distance of proposed activity closest to the Mean Annual High-Water Line:

Fort pond distance - Deck 50ft shed 124ft. From wetlands
 Feet shed is 71ft

e. Total area of Riverfront Area on the site of the proposed project:

N/A
 Square Feet

f. Proposed alteration of the Riverfront Area:

N/A
 Total Square Feet Square Feet within 100 ft. Square Feet between 100 ft. and 200 ft.

g. Indicate project purpose:

- ☒ Single family house ☐ Commercial development ☐ Transportation
- ☐ Residential subdivision ☐ Industrial development ☐ Other (describe): _____

h. Was the lot where the activity is proposed created prior to August 1, 1996?

☒ Yes

☐ No



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

DEP File Number: _____

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

Provided by DEP _____

Town _____

B. Site and Activities Subject to Regulation (cont.)

- i. Describe how the project will meet all performance standards set forth in 310 CMR 10.58(4) for the Riverfront Area, including standards requiring consideration of alternative project design or location. Attach additional sheets, if necessary.

old shed removal with native vegetation planted in place. new shed (160sqft) with new location ¹²⁴~~110~~ ft from Fort Pond and 71 ft from wetlands. Replace and reconfigure old deck (approx. 173 sq ft) with new deck (approx 170 sq ft) Removal of upper and lower deck and replaced with one level rectangular deck

4. Is the project exempt from the DEP Stormwater Management Policy?

☒ Yes

If yes, explain why the project is exempt:

this is a single family home

☐ No

If no, stormwater management measures are required. Applicants are encouraged to complete the Stormwater Management Form and submit it with this Abbreviated Notice of Intent.

5. a. Is any portion of the proposed project located within estimated habitat as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program?

☐ Yes

If yes, include proof of mailing or hand delivery of Abbreviated Notice of Intent to :

Natural Heritage and Endangered Species Program
 Division of Fisheries and Wildlife
 1 Rabbit Hill Road
 Westborough, MA 01581-3336

☒ No

Date of Map _____

- b. Is any portion of the proposed project in an Area of Critical Environmental Concern (ACEC)?

☐ Yes

If yes, provide name of ACEC (see the Area of Critical Concern list for ACEC locations):

☒ No

ACEC Name _____



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

DEP File Number: _____

WPA Form 4 – Abbreviated Notice of Intent

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

Provided by DEP _____

Town _____

B. Site and Activities Subject to Regulation (cont.)

c. 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)?

☐ Yes

☒ No

6. If any activity within Land Subject to Flooding, the Riverfront Area, or Buffer Zone is exempt from performance standards in accordance with any provision of the wetlands regulations, 310 CMR 10.00, identify the appropriate exemption:

Exemption _____

C. Additional Information

Applicants must include the following with this Abbreviated Notice of Intent (ANOI):

- 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.
- Plans identifying the location of proposed activities relative to the boundaries of each affected resource area.
- Other material identifying and explaining the determination of resource area boundaries shown on plans (e.g., a DEP BVW Field Data Form).
- List the titles and final revision dates for all plans and other materials submitted with this ANOI.

D. Fees

The fees for work proposed under each Abbreviated Notice of Intent must be calculated and submitted to the Conservation Commission and DEP (see Instructions and NOI Wetland Fee Transmittal Form).

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:

① #1105 \$42.50

Check Number

Check date

Commonwealth of Massachusetts

3/1/23
SUCAN CHAFFIN

Payor name on check

Applicant name on check

② #1106 3/1/23 town of Littleton
\$122.50



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

DEP File Number: _____

WPA Form 4 – Abbreviated Notice of Intent

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

Provided by DEP _____

Town _____

E. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Abbreviated 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 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.

Signature of Applicant

4/15/23

Date

Signature of Property Owner (If different)

Date

Signature of Representative (if any)

Date

For Conservation Commission:

Two copies of the completed Abbreviated Notice of Intent (Form 4), including supporting plans and documents; two copies of pages 1 and 2 of the NOI Wetland Fee Transmittal Form; and the city/town fee payment must be sent to the Conservation Commission by certified mail or hand delivery.

For DEP:

Two copies of the completed Abbreviated Notice of Intent (Form 4), including supporting plans and documents; two copies of pages 1 and 2 of the NOI Wetland Fee Transmittal Form; and a **copy** of the state fee payment must be sent to the DEP Regional Office by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section B, Item 5, 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 Abbreviated 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. Applicant:

Susan Chaffin
a. First Name b. Last Name c. Company
1601 Wilt Rd
d. Mailing Address
Fallbrook CA 92028
e. City/Town f. State g. Zip Code
858-245-9015 email: fortpondgirl@gmail.com
h. Phone Number

2. Property Owner (if different):

N/A
a. First Name b. Last Name c. Company
d. Mailing Address
e. City/Town f. State g. Zip Code
h. Phone Number

3. Project Location:

5 Kaleva Rd, Littleton, MA Littleton
a. Street Address b. City/Town

To calculate
filing fees, refer to
the category fee
list and examples
in the instructions
for WPA Form 4
(Abbreviated
Notice of Intent).

B. Fees

Notice of Intent (Form 3) or Abbreviated Notice of Intent (Form 4):

The fee should be calculated using the following six-step process and 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.



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
Category 1	1	\$110	\$110

Step 5/Total Project Fee: \$110

Step 6/Fee Payments:

Total Project Fee:	\$110
State share of filing fee:	a. Total fee from Step 5 \$42.50
City/Town share of filling fee:	b. 1/2 total fee less \$12.50 \$67.50 + \$55 Bylaw = \$122.50

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 pages 1 and 2 of this form; and the city/town fee payment.
- c.) **To DEP Regional Office** (see Instructions): Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of pages 1 and 2 of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
Stormwater Management 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.



Note:
This November 2000 version of the Stormwater Management Form supersedes earlier versions including those contained in DEP's Stormwater Handbooks.

A. Property Information

1. The proposed project is:

- a. New development ☐ Yes ☒ No
b. Redevelopment ☐ Yes ☒ No
c. Combination ☐ Yes ☒ No

(If yes, distinguish redevelopment components from new development components on plans).

2. Stormwater runoff to be treated for water quality is based on the following calculations:

- a. ☐ 1 inch of runoff x total impervious area of post-development site for discharge to **critical areas** (Outstanding Resource Waters, recharge areas of public water supplies, shellfish growing areas, swimming beaches, cold water fisheries).
b. ☐ 0.5 inches of runoff x total impervious area of post-development site for other resource areas.

B. Stormwater Management Standards

DEP's Stormwater Management Policy (March 1997) includes nine standards that are listed on the following pages. Check the appropriate boxes for each standard and provide documentation and additional information when applicable.

Standard #1: Untreated stormwater

- a. ☐ The project is designed so that new stormwater point discharges do not discharge untreated stormwater into, or cause erosion to, wetlands and waters.

Standard #2: Post-development peak discharge rates

- a. ☐ Not applicable – project site contains waters subject to tidal action.

Post-development peak discharge does not exceed pre-development rates on the site at the point of discharge or downgradient property boundary for the 2-yr, 10-yr, and 100-yr, 24-hr storm.

- b. ☐ Without stormwater controls
c. ☐ With stormwater controls designed for the 2-yr, and 10-yr storm, 24-hr storm.
d. ☐ The project as designed will not increase off-site flooding impacts from the 100-yr, 24-hr storm.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
Stormwater Management Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Note:
components of
redevelopment
projects which
plan to develop
previously
undeveloped
areas do not fall
under the scope
of Standard 7.

B. Stormwater Management Standards (cont.)

Standard #7: Redevelopment projects

Is the proposed activity a redevelopment project?

a. ☐ Yes ☒ No

b. If yes, the following stormwater management standards have been met:

c. The following stormwater standards have not been met for the following reasons:

d. ☐ The proposed project will reduce the annual pollutant load on the site with new or improved stormwater control.

Standard #8: Erosion/sediment control

a. ☒ Erosion and sediment controls are incorporated into the project design to prevent erosion, control sediments, and stabilize exposed soils during construction or land disturbance.

Standard #9: Operation/maintenance plan

a. ☐ An operation and maintenance plan for the post-development stormwater controls have been developed. The plan includes ownership of the stormwater BMPs, parties responsible for operation and maintenance, schedule for inspection and maintenance, routine and long-term maintenance responsibilities, and provision for appropriate access and maintenance easements extending from a public right-of-way to the stormwater controls.

b. Plan/Title

c. Date

d. Plan/Title

e. Date



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
Stormwater Management Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Stormwater Management Standards (cont.)

Standard #3: Recharge to groundwater

Amount of impervious area (sq. ft.) to be infiltrated:

a. square feet

Volume to be recharged is based on:

b. ☐ The following Natural Resources Conservation Service hydrologic soils groups (e.g. A, B, C, D, or UA) or any combination of groups:

1. % of impervious area

2. Hydrologic soil group

3. % of impervious area

4. Hydrologic soil group

5. % of impervious area

6. Hydrologic soil group

7. % of impervious area

8. Hydrologic soil group

c. ☐ Site specific pre-development conditions:

1. Recharge rate

2. Volume

d. Describe how the calculations were determined:

N/A

e. List each BMP or nonstructural measure used to meet Standard #3 (e.g. dry well, infiltration trench).

Does the annual groundwater recharge for the post-development site approximate the annual recharge from existing site conditions?

f. ☐ Yes ☒ No

Standard #4: 80% TSS Removal

a. ☐ The proposed stormwater management system will remove 80% of the post-development site's average annual Total Suspended Solids (TSS) load.

b. Identify the BMP's proposed for the project and describe how the 80% TSS removal will be achieved.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
Stormwater Management Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Stormwater Management Standards (cont.)

c. If the project is redevelopment, explain how much TSS will be removed and briefly explain why 80% removal cannot be achieved.

Standard #5: Higher potential pollutant loads

Does the project site contain land uses with higher potential pollutant loads

a. ☐ Yes ☒ No

b. If yes, describe land uses:

N/A

c. Identify the BMPs selected to treat stormwater runoff. If infiltration measures are proposed, describe the pretreatment. (Note: If the area of higher potential pollutant loading is upgradient of a critical area, infiltration is not allowed.)

Standard #6: Protection of critical areas

Will the project discharge to or affect a critical area?

a. ☐ Yes ☒ No

b. If yes, describe areas:

c. Identify the BMPs selected for stormwater discharges in these areas and describe how BMPs meet restrictions listed on pages I-27 and I-28 of the Stormwater Policy Handbook – Vol. I:

N/A

See Stormwater Policy Handbook Vol. I, page I-23, for land uses of high pollutant loading (see Instructions).

See Stormwater Policy Handbook Vol. I, page I-25, for critical areas (see Instructions).



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
Stormwater Management Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

C. Submittal Requirements

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

DEP recommends that applicants submit this form, as well as, supporting documentation and plans, with the Notice of Intent to provide stormwater management information for Commission review consistent with the wetland regulations (310 CMR 10.05 (6)(b)) and DEP's Stormwater Management Policy (March 1997). If a particular stormwater management standard cannot be met, information should be provided to demonstrate how equivalent water quality and water quantity protection will be provided. DEP encourages engineers to use this form to certify that the project meets the stormwater management standards as well as acceptable engineering standards. For more information, consult the Stormwater Management Policy.

D. Signatures

SUSAN CHAFFIN
Applicant Name

7/15/23
Date

[Signature]
Signature

Representative (if any)

Date

Signature



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
Areas of Critical Environmental Concern
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

A. Guidance

Projects proposed in the communities listed below may be located in Areas of Critical Environmental Concern (ACECs). To confirm whether the project location is in an ACEC, contact the Conservation Commission or the MA Department of Conservation & Recreation (formerly the Department of Environmental Management) ACEC Program at:

251 Causeway St., Suite 600
 Boston, MA 02114
 617.626.1394

B. Towns with ACECs within their Boundaries

<u>Town</u>	<u>ACEC Name</u>	<u>Town</u>	<u>ACEC Name</u>
Ashby	Squannassit	Lunenburg	Squannassit
Ayer	Petapawag and Squannassit	Lynn	Rumney Marshes
Barnstable	Sandy Neck/Barnstable Harbor	Mansfield	Canoe River Aquifer
Bolton	Central Nashua River Valley	Mashpee	Waquoit Bay
Boston	Rumney Marshes	Melrose	Golden Hills
	Fowl Meadow and Ponkapoag Bog	Milton	Fowl Meadow and Ponkapoag Bog
	Neponset River Estuary		Neponset River Estuary
Bourne	Pocasset River	Mt Washington	Karner Brook Watershed,
	Herring River Watershed		Schenob Brook
	Bourne Back River	Newbury	Parker River/Essex Bay
Braintree	Cranberry Brook Watershed	Norton	Hockomock Swamp
Brewster	Pleasant Bay, Inner Cape Cod Bay		Canoe River Aquifer
Bridgewater	Hockomock Swamp	Norwood	Fowl Meadow and Ponkapoag Bog
Canton	Fowl Meadow and Ponkapoag Bog	Orleans	Inner Cape Cod Bay, Pleasant Bay
Chatham	Pleasant Bay	Pepperell	Petapawag and Squannassit
Cohasset	Weir River	Peru	Hinsdale Flats Watershed
Dalton	Hinsdale Flats Watershed	Plymouth	Herring River Watershed,
Dedham	Fowl Meadow and Ponkapoag Bog		Ellisville Harbor
Dunstable	Petapawag	Quincy	Neponset River Estuary
Eastham	Inner Cape Cod Bay	Randolph	Fowl Meadow and Ponkapoag Bog
	Wellfleet Harbor	Raynham	Hockomock Swamp
Easton	Canoe River Aquifer	Revere	Rumney Marshes
	Hockomock Swamp	Rowley	Parker River/Essex Bay
Egremont	Karner Brook Watershed	Sandwich	Sandy Neck/Barnstable Harbor
Essex	Parker River/Essex Bay	Saugus	Rumney Marshes, Golden Hills
Falmouth	Waquoit Bay	Sharon	Canoe River Aquifer
Foxborough	Canoe River Aquifer		Fowl Meadow and Ponkapoag Bog
Gloucester	Parker River/Essex Bay	Sheffield	Schenob Brook
Grafton	Miscoe-Warren-Whitehall Watersheds	Shirley	Squannassit
Groton	Petapawag and Squannassit	Stockbridge	Kampoosa Bog Drainage Basin
Harvard	Central Nashua River Valley	Taunton	Hockomock Swamp, Canoe River Aquifer
	Squannassit	Townsend	Squannassit
Harwich	Pleasant Bay	Truro	Wellfleet Harbor
Hingham	Weir River, Weymouth Back River	Tyngsborough	Petapawag
Hinsdale	Hinsdale Flats Watershed	Upton	Miscoe-Warren-Whitehall Watersheds
Holbrook	Cranberry Brook Watershed	Wakefield	Golden Hills
Hopkinton	Westborough Cedar Swamp	Washington	Hinsdale Flats Watershed
	Miscoe-Warren-Whitehall Watersheds	Wellfleet	Wellfleet Harbor
Hull	Weir River	W Bridgewater	Hockomock Swamp
Ipswich	Parker River/Essex Bay	Westborough	Westborough Cedar Swamp
Lancaster	Central Nashua River Valley	Westwood	Fowl Meadow and Ponkapoag Bog
	Squannassit	Weymouth	Weymouth Back River
Lee	Kampoosa Bog Drainage Basin	Winthrop	Rumney Marshes
Leominster	Central Nashua River Valley		

AFFIDAVIT OF SERVICE

Notice of Intent

Abbreviated Notice of Resource Area Delineation

Under Massachusetts Wetlands Protection Act and the Littleton Wetlands Protection ByLaw (Chapter 171), this form must be completed and submitted with the Notice of Intent or Abbreviated Notice of Resource Area Delineation.

I, SUSAN CHAFFIN (name of applicant or representative) certify under the pains and penalties of perjury that on 2/19/23 (date) I gave notification to abutters in compliance the second paragraph of the Massachusetts General Laws Chapter 131, Section 40, DEP requirements for Abutter Notification and with the Littleton Wetlands ByLaw 171-2.D in connection with the following matter:

An Abbreviated Notice of Intent filed under the Massachusetts Wetlands Protection Act and Littleton Wetlands Protection ByLaw by SUSAN CHAFFIN (name of applicant) with the Littleton Conservation Commission on 2/19/23 (date) for the property located at 5 Kaleva Rd (address of land where work is proposed).

The list of abutters with their addresses and a copy of the Notification Abutter form as sent to the abutters is attached to this Affidavit of Service.


Name

2-19-23
Date

NOTIFICATION TO ABUTTERS

Modified for Covid-19 Emergency Response

Notice of Intent

Under MA Wetlands Protection Act and Littleton Wetlands Protection ByLaw (Chapter 171), this form must be completed and mailed, certified mail return receipt requested, to all abutters at their mailing addresses shown on the most recent Town Assessor's records as well as the owner (if not applicant).

In accordance with the MA Wetlands Protection Act and Littleton Wetlands Protection ByLaw Chapter 171-2D, you are hereby notified of a public hearing on the matter described below:

- A. The applicant has filed a Notice of Intent with the Littleton Conservation Commission for work in an area subject to protection under the Massachusetts Wetlands Protection Act and Littleton Wetlands Protection ByLaw.
- B. The name of the applicant is SUSAN CHAFFIN
- C. The address of the land where the activity is proposed is 5 KALCUN RD
- D. The work proposed is rebuild deck & reconfigure, remove old shed, build new shed in new location
- E. Copies of the Notice of Intent may be examined at the Conservation Commission office at 37 Shattuck Street, Room 303 Monday through Thursday; 9:00 – 1:00 (please call first to ensure the Conservation Coordinator is available and not out on site visits). The office phone number is 978-540-2428.
- F. Copies of the Notice of Intent may be obtained electronically from (check one) the ☒ applicant or ☐ the applicant's representative by calling 958-245-9015 during the following times: 24 / 7
- G. The public hearing will be held on _____. Information regarding the date and time of the public hearing may be obtained from the Littleton Conservation Commission (see contact info at the end of this notice).
- H. Notice of the public hearing, including date and time will be published at least five business days in advance in a paper of local circulation. The agenda, noting times will be posted at Town Hall and at <https://www.littletonma.org/conservation> under "Conservation Calendar" at least 48 hours in advance of the meeting. It is currently anticipated that this meeting will be held entirely remotely, pursuant to "An Act Relative to Extending Certain State of Emergency Accommodations" (July 16, 2022). If the meeting is held remotely, instructions for remote

viewing of, and participation in, the meeting will be included in the agenda and may also be obtained from the Littleton Conservation Commission.

You may contact the Littleton Conservation Commission Agent (Amy Green; agreen@littletonma.org; 978-540-2428), or the Massachusetts Department of Environmental Protection/ Central Region (508-792-7650) at 8 New Bond Street, Worcester, MA 01606) for information about this application



Susan Chaffin <fortpondgirl@gmail.com>

Work at camp 5 at Fort Pond

1 message

Jfraser54@comcast.net <jfraser54@comcast.net>

Wed, Feb 15, 2023 at 7:51 AM

To: Susan Chaffin <fortpondgirl@gmail.com>

Hi Susan

The Executive Committee of the Kalevasset Civic Association met on Monday February 13 2023 and discussed your proposal for deck repairs and shed construction. Thank you for the update to the status regarding the ongoing work as well as your meeting with town personnel that you provided.

The committee voted unanimously to allow you to proceed, with both the deck work and shed construction, following your proper permitting and approval from the Town of Littleton.

If there is anything else required of myself or the committee my email is jfraser54@comcast.net and my cell phone is 978-807-9738. Mailing address for the KCA is P.O. Box 620, Maynard MA 01754.

Jim Fraser
President
Kalevasset Civic Association of Maynard

Sent from my iPad



Littleton Conservation Commission

37 Shattuck Street / Room 303

Phone: 978 540-2428

Fax: 978 952-2321

Littleton Wetland Protection Regulations

Waiver Request Requirement Information (Section 1.4)

Date: 5/3/23 Applicant/Owner: Susan Chaffin

Map/Lot: _____ Project Address: 5 Kakeva Rd

In order request a waiver, the following provides a guidance for required information (attach additional text, plans, photos or graphics if needed):

Project purpose and need: Removal of existing shed
within the 50' NDA

What specific action(s) is the Waiver being asked for? Removal of existing
shed within the 50' NDA, to be replaced
by native plantings

How is the action(s) in the public interest, necessary to avoid a taking, necessary to prevent a safety hazard or water dependent? Removal of the shed and addition
of native plantings will be return that area within
the 50' buffer to a more natural state

How is the action(s) consistent with the intent and purpose of the Bylaw? Removal of
the shed and addition of native planting will
return that area within the 50' buffer to a
more natural state

Existing and proposed site conditions (ie, impervious, lawn & disturbed areas) (square feet; show on plan):

existing shed area will be transformed into an area of native plantings (see plan)

Existing and proposed distances of land uses from wetland resource areas (show on plan):

existing shed is 42 feet from wetlands

Analysis of less environmentally damaging practicable alternative:

existing shed is a disturbed area that will be returned to a natural state

Proposed short term and long term protection of wetland resource areas:

short term, there will be erosion controls during removal process. long term the native plantings will stabilize the area

Is the site in a Zone I, II or III (groundwater) or Zone A, B or C (surface water) water supply area: no

Are there critical, unique or sensitive resource areas in the area (ie, NHESP mapped habitat, vernal pools, unusual wetland types, cold water fisheries, outstanding resource waters, Core Habitat, Conservation land, etc); show on plan: no

Other factors for consideration:

Signature: 

Project: 5 Kalevala Rd

Fort Pond

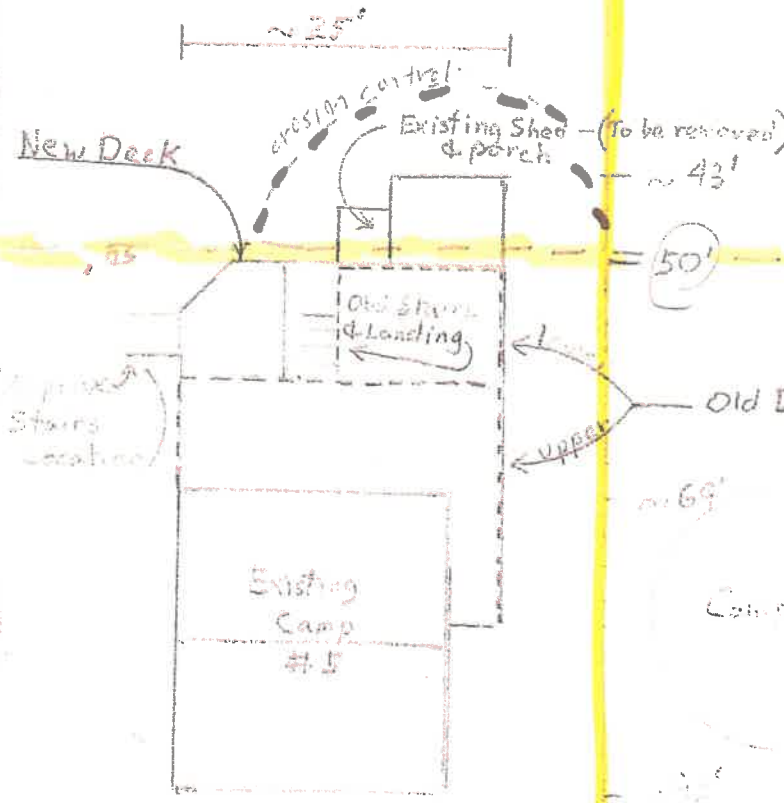
Scale
1cm = 5'

High Water Line

North

~ 1/2 Old Deck + Old Shed + Old Stairs Landing and Porch
= ~ 473 sq ft
- New Deck (one level)
= ~ 470 sq ft
- incl. stairs
New Shed
= ~ 160 sq ft

TITLE BLOCK
5 Kabeva Rd Improvement
Susan Chaffin
1601 Wilt Rd
Fallbrook CA 92028
W-29-06
Prepared by Robert Chaffin
1601 Wilt Rd
Fallbrook CA 92028
2/1/2023



Camp #1

Existing Camp #2

Camp #2

Old Decks (removed)

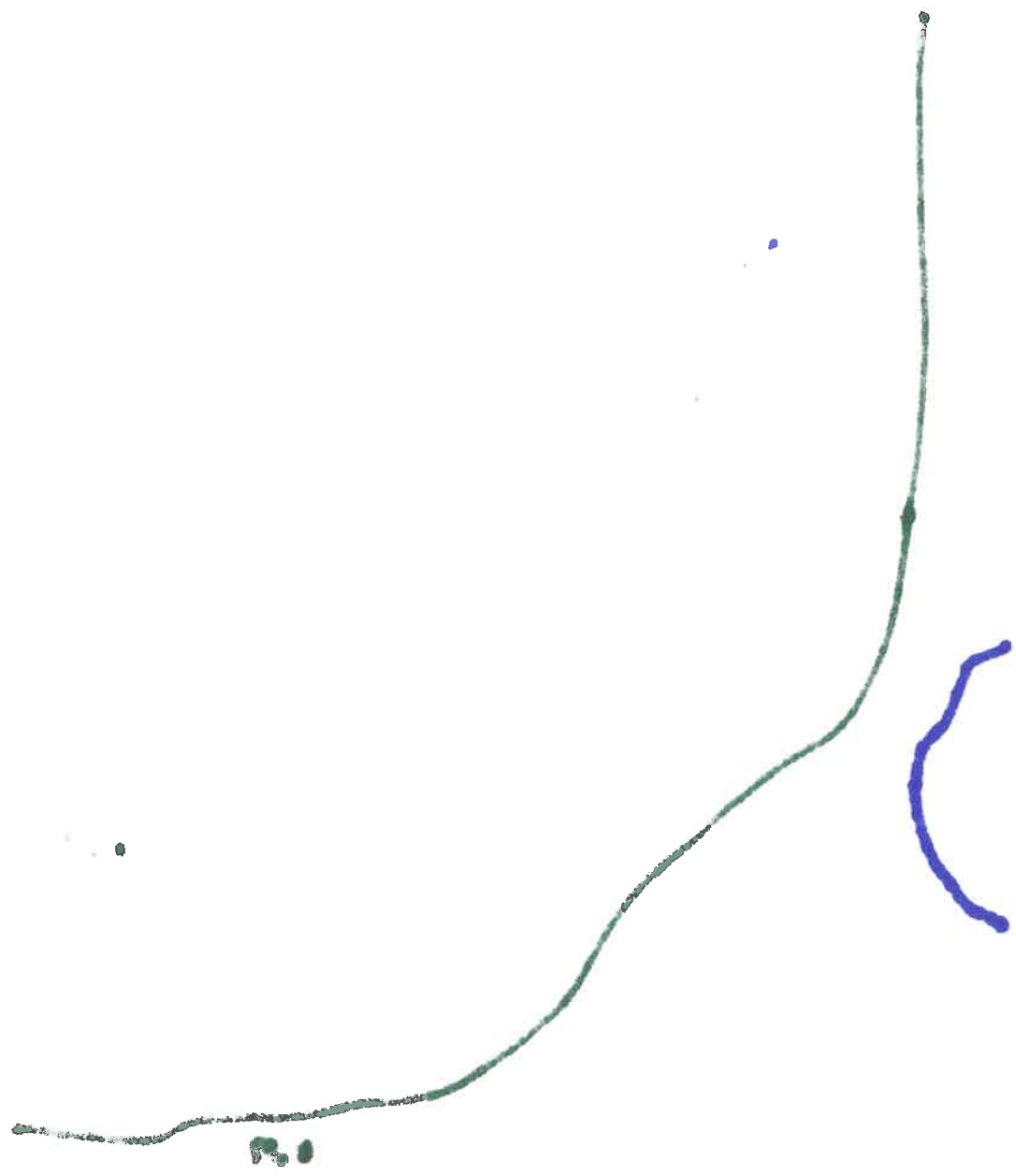
Parking & Driveway

New Shed

ROAD

Wetland

Dead Apple tree planted in 1948 greater than 8" in diameter



Scale
1 cm = 5'

High Water Line

North

TITLE BLOCK

5 Kalyan. Ed. Improvement

Susana Cha-t'in

1601 with P. 2

Follow: ok CA 92028

Li-29 - DL

Prepared by: Robert

the thin

1601 will- Red

fallbrook ok 920 28

2023

(~) Old Decks + Old
Shed + Old Stairs
Landing and Porch
= ~ 473 sq. ft.

- New Deck
(one level)
= ~470 sq ft.

not incl. stairs

New Shed
= ~ 160 sq. ft

New Deck



control-

Existing Shed - (To be removed)
 & porch

42

Old Slave
& Landing.

Stairs

Copy 100

Existing
Camp
5

Old Decks (removed)---

n: 69

Figure 1

Ja-King

Orlando

100:

710

small wetland

New Shred

124

-204-

138

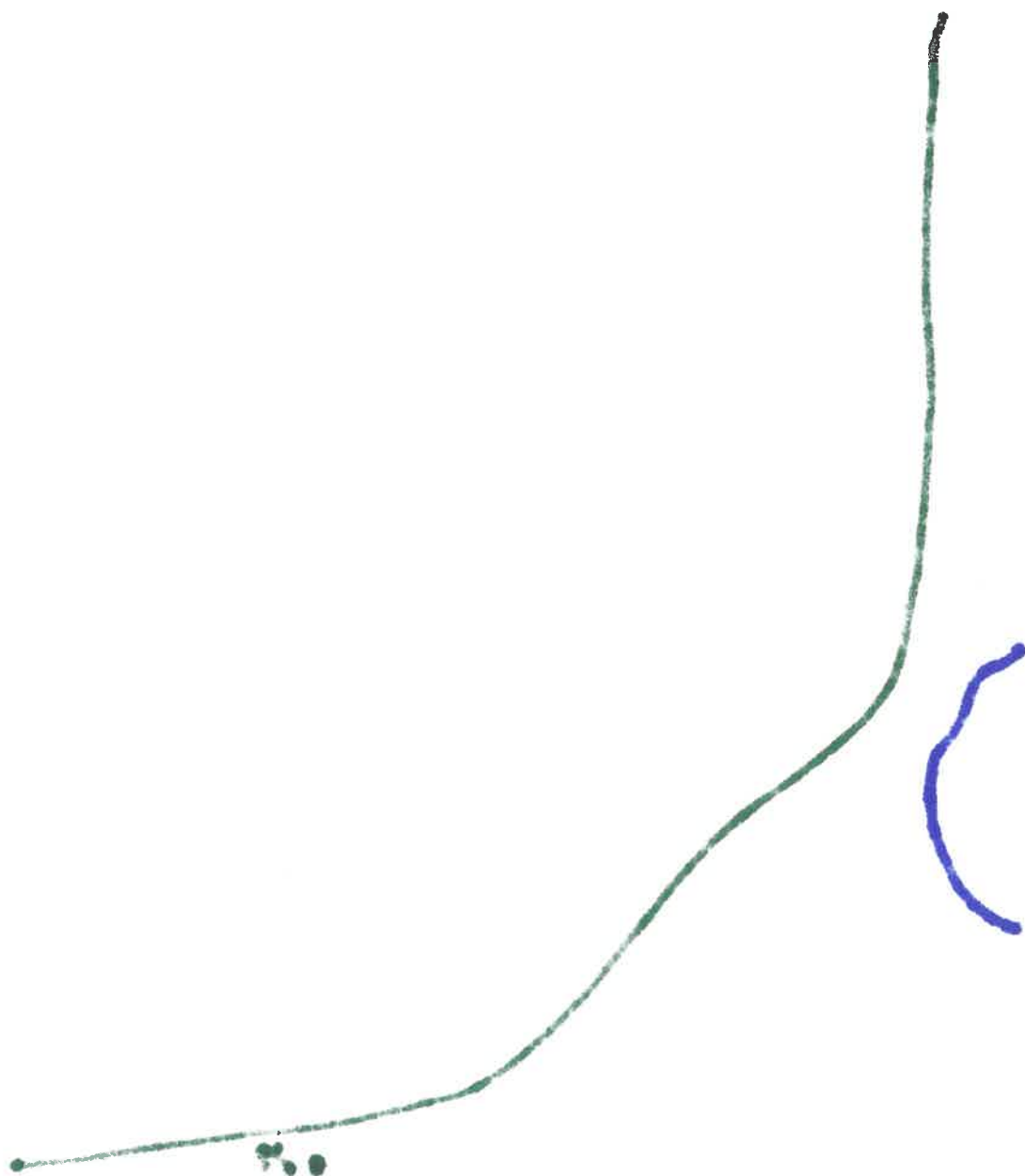
10128

163

to the end
to the end

Apple trees planted in 1948

greater than 8" in diameter







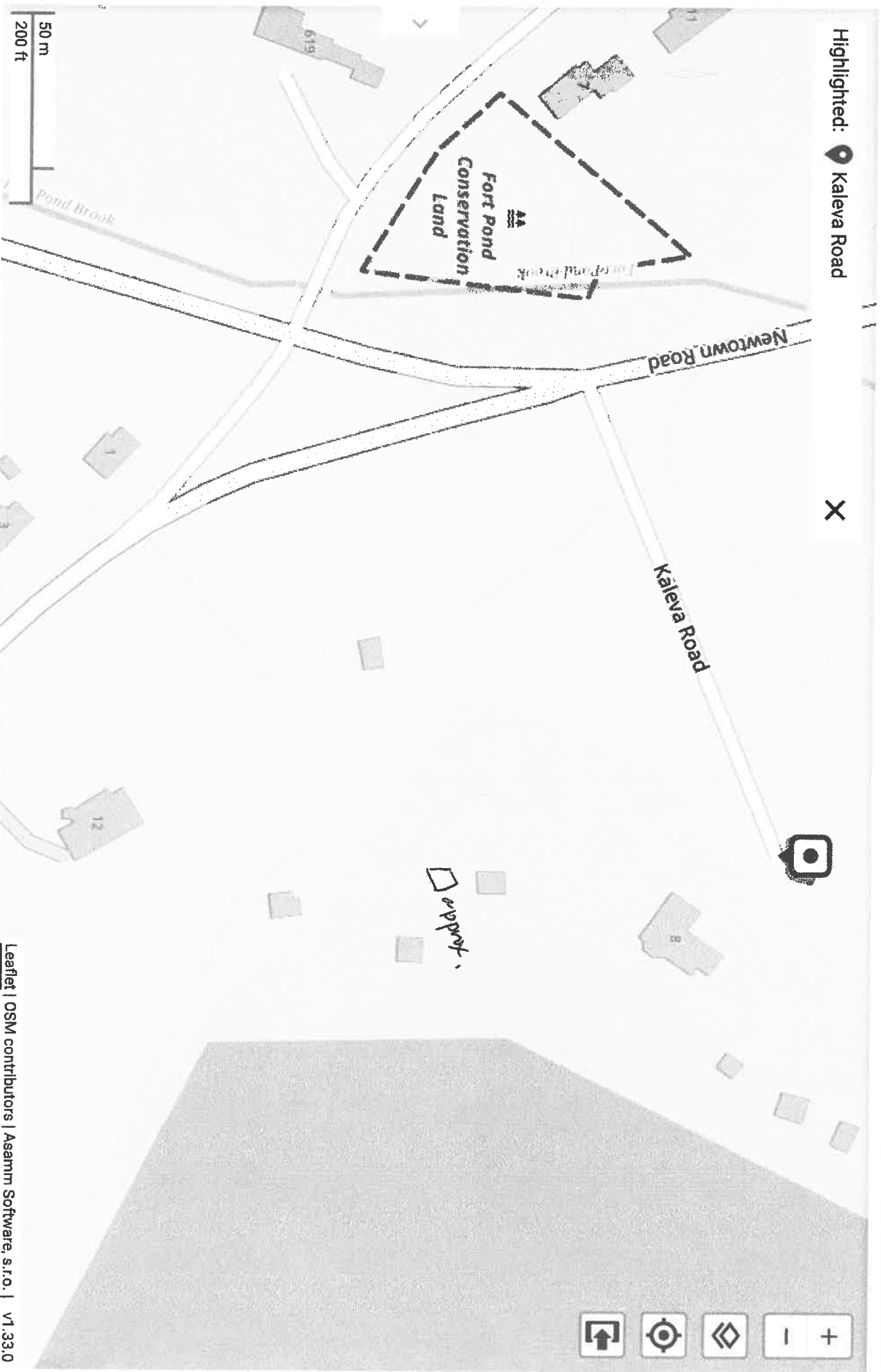








Highlighted: Kaleva Road





axisgis.com/little

