

NOTICE OF INTENT

MGL CH. 131S40 & the Town of Reading Wetland Protection Regulations



PROPOSED Single family home

15 Temple Street (Map 16 / Lot 342)

Reading, Massachusetts 01867

September 2023

OWNER/APPLICANT	SUBMITTED TO	
Silva Family Anthony Silva 15 Temple Street Reading MA, 01867	Reading Conservation Commission 16 Lowell Street Reading MA, 01867	DEP Northeast Regional Office ATTN: Wetlands Program 150 Presidential Way Woburn MA, 01801

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Charles Tirone
Conservation Administrator
Conservation Commission
16 Lowell Street
Reading, MA 01867

Please review the enclosed Notice of Intent application for 15 Temple Street (Map 16, Lot 342).

Project Narrative

The proposal is to raze the existing 1100sf home built cir.1890 to enable construction of a new single family home. The project on this 6446sf lot will maintain a similar look to existing as care was taken to represent similar style of the original home and period of others nearby. The attached report, maps, images, site engineering and architectural plans have been prepared and are provided for review. These documents illustrate the proposal and demonstrate the investment, made and planned, enabling us to update our property to comfortably support our growing family.

On-site resource areas consist of a shared border with a man-made intermittent stream which provides an outside boundary for nearby wetland-bordering vegetated area, a 100-FT Wetland Buffer as well as the local 25-FT Zone of Natural Vegetation (ZNV) and the 35-FT No Foundation Zone.

No impacts are proposed within the 25-FT wetland buffer and no foundations are proposed within the 35-FT wetland buffer. Impacts within the 100-FT Buffer Zone include the construction of a portion of the new single family dwelling with deck and associated driveway and appurtenances, removal and replacement of existing fence on North border and the construction of an infiltration basin. Erosion controls are proposed to prevent indirect alteration of the intermittent stream and bank during construction and, the installation of which, will be the closest proposed work at 39 ft. from the bank of the intermittent stream. These erosion controls shall be maintained for the duration of the work. The limits of the intermittent stream were delineated by Norse Environmental Services on January 31, 2023. A resource areas report and supporting maps are attached to this Notice of Intent application.

We look forward to discussing our plans as we are excited for this plan to move forward and affirm that our family can continue to grow into the neighborhood and town that we dearly love. If there is more information I can provide please do not hesitate to contact me.

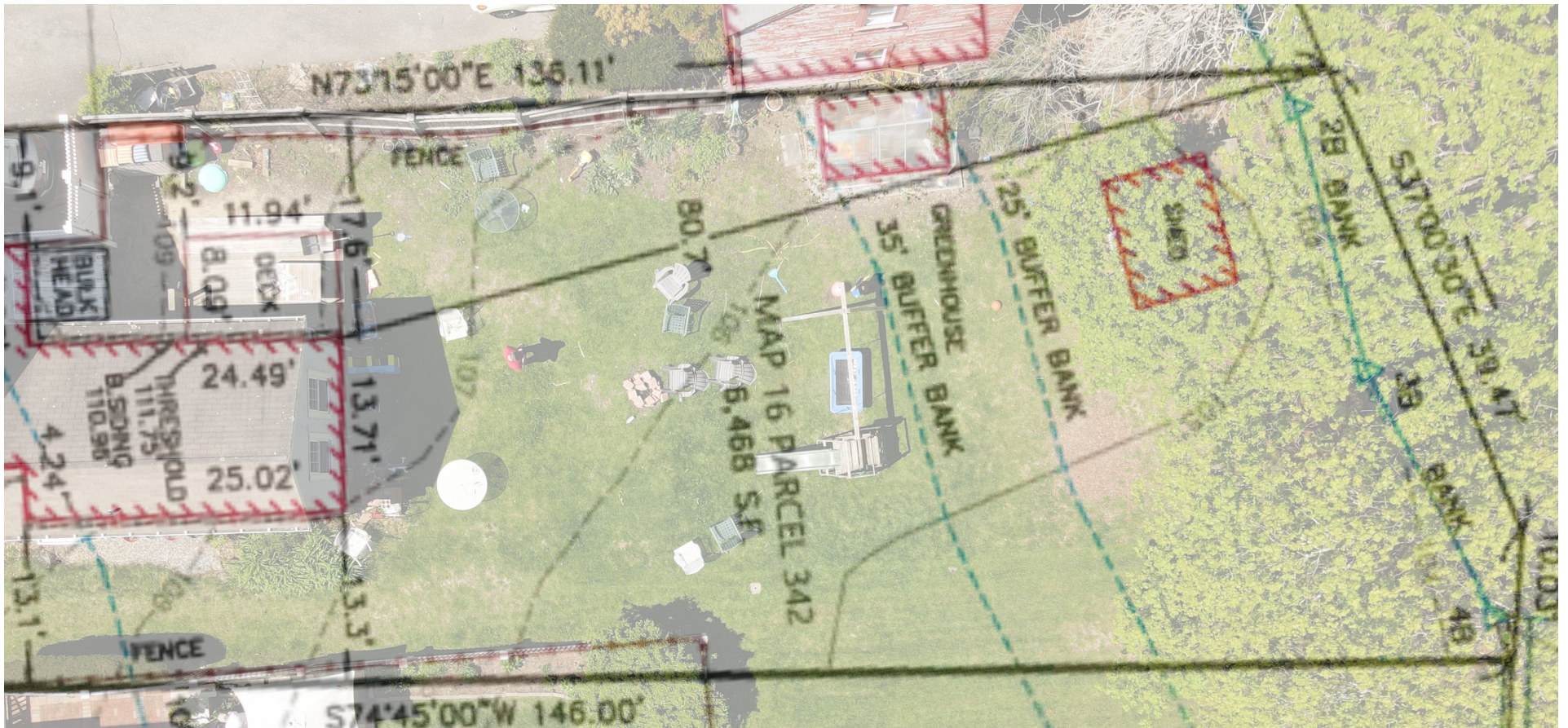
With gratitude,

A handwritten signature in black ink, appearing to read "Anthony J Silva". The signature is written in a cursive style with a long, sweeping underline that extends to the right.

Anthony J Silva



Birds eye view of back yard



100' Buffer line (blue)

35' buffer

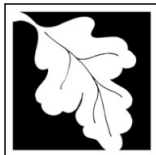
25' buffer

Birds eye view of back yard with Existing Site Survey overlaid.

Showing approximate location of delineated bank, 25', 35' and 100' buffer zones as well as relative locations of existing structures.



**View of rear (East) property border
Delineated bank of man-made intermittent stream located behind trees and shed**



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40
& READING WETLAND PROTECTION BYLAWS SECTION 7.1

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):

15 Temple St

a. Street Address

Reading

b. City/Town

01867

c. Zip Code

42.521937

-71.113075

Latitude and Longitude:

16

d. Latitude

e. Longitude

342

f. Assessors Map/Plat Number

g. Parcel /Lot Number

2. Applicant:

Anthony

a. First Name

Silva

b. Last Name

c. Organization

15 Temple St

d. Street Address

Reading

MA

01867

e. City/Town

f. State

g. Zip Code

781-405-0529

silva.tonysilva@gmail.com

h. Phone Number

i. Fax Number

j. Email Address

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

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):

a. First Name

b. Last Name

c. Company

d. Street Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

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

\$500

a. Total Fee Paid

\$237.50

b. State Fee Paid

\$262.50

c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

Proposing to raze an existing dwelling to construct a new single-family dwelling, driveway, deck, fence, and roof top infiltration. This is a buffer zone project with the closest proposed work (installation of erosion controls) is 39 ft. from the Bank of the intermittent stream.

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:

Middlesex

a. County
66552

b. Certificate # (if registered land)
241

c. Book

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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Bureau of Resource Protection - Wetlands

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Provided by MassDEP:
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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 type="checkbox"/> Bank	1. linear feet _____	2. linear feet _____
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet _____	2. square feet _____
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet _____	2. square feet _____
	3. cubic yards dredged _____	

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet _____	2. square feet _____
	3. cubic feet of flood storage lost _____	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. 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. _____
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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. <input type="checkbox"/> 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. <input type="checkbox"/> Project Involves Stream Crossings		
	_____	_____
	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/PRI_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**

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 <https://www.mass.gov/mas-endangered-species-act-mesa-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 <https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review>).

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, <https://www.mass.gov/service-details/exemptions-from-review-for-projectsactivities-in-priority-habitat>; 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
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: dmf.envreview-south@mass.gov

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: dmf.envreview-north@mass.gov

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.

- c. Is this an aquaculture project? d. Yes No

If yes, include a copy of the Division of Marine Fisheries Certification Letter (M.G.L. c. 130, § 57).



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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

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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.

a. Plan Title	
b. Prepared By	c. Signed and Stamped by
d. Final Revision Date	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:

2. Municipal Check Number	453	3. Check date	8/21/2023
4. State Check Number	506	5. Check date	8/21/2023
6. Payor name on check: First Name	Anthony	7. Payor name on check: Last Name	Silva



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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.

1. Signature of Applicant

8/21/2023

2. Date

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

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.

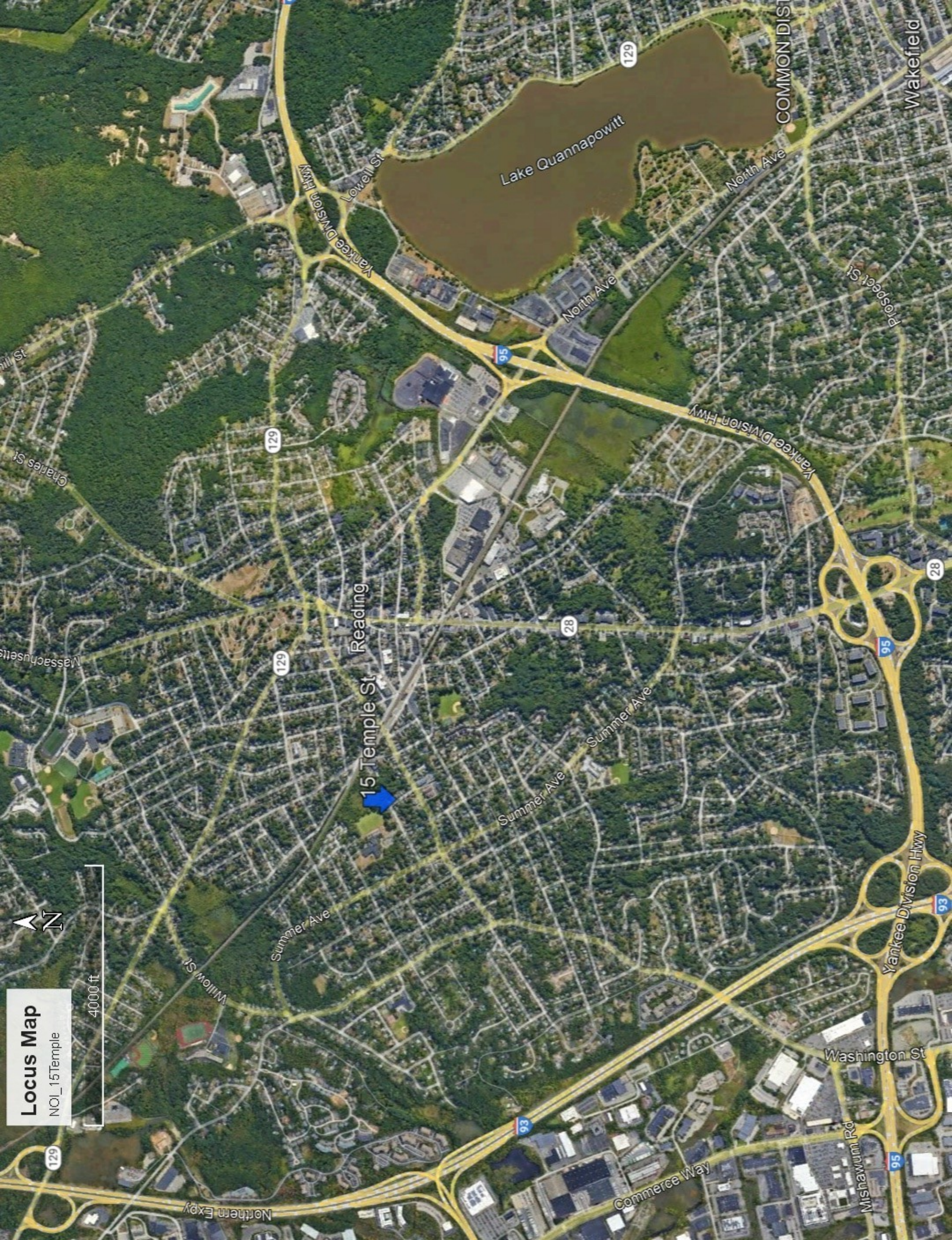
For MassDEP:

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.

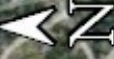
The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Locus Map

NOI_15Temple

4000 ft



15 Temple St
Reading

Lake Quannapowitt

COMMON DIST

Wakefield

hill St

Charles St

Massachusetts

Willow St

Summer Ave

Summer Ave

Summer Ave

Yankee Division Hwy

Washington St

Mishawum Rd

Commerce Way

Northern Expy

129

129

28

28

129

95

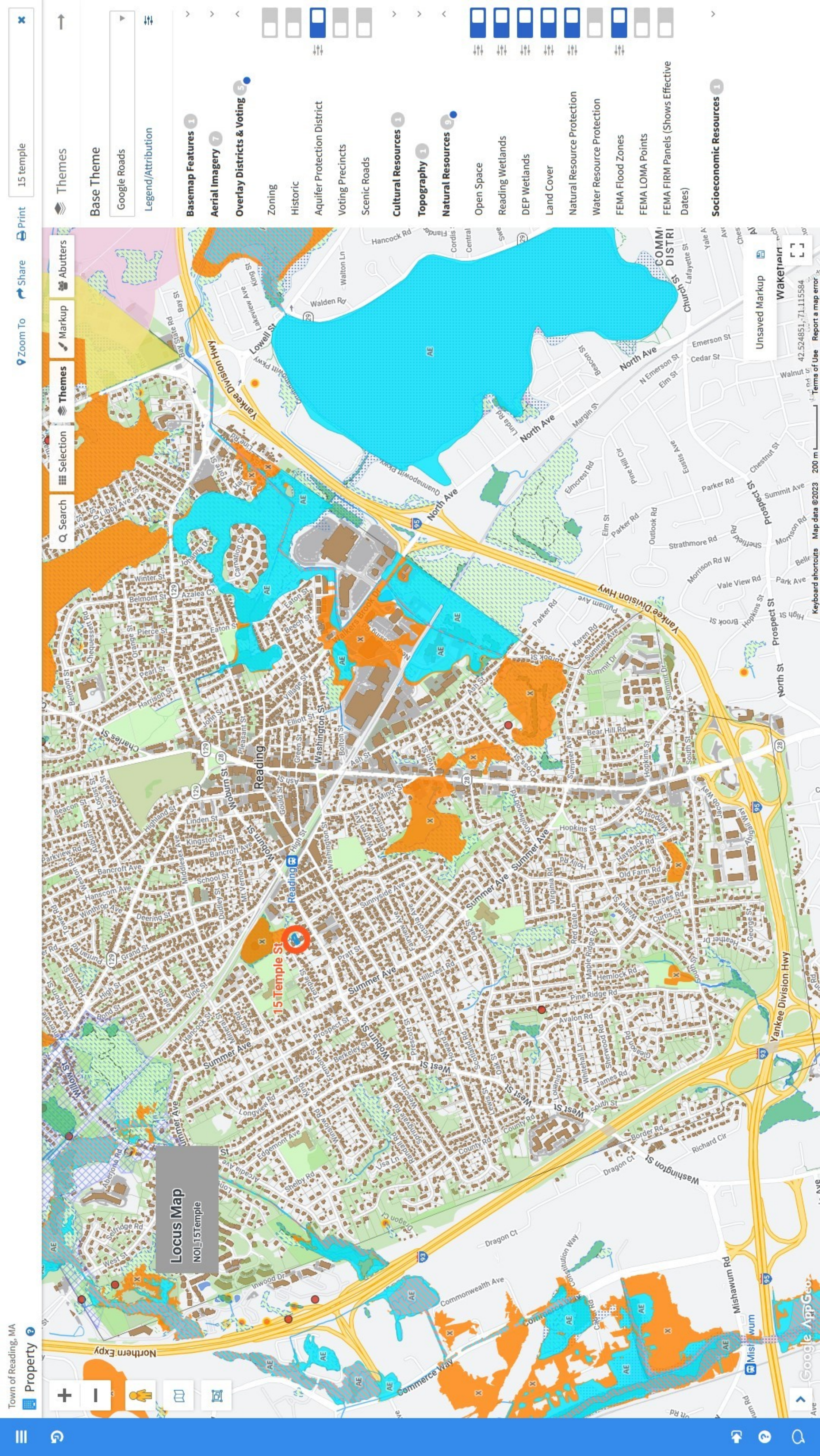
95

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Town of Reading, MA

Property

Zoom To

Share

Print

15 Temple

Themes

Selection

Markup

Abutters

Themes

Base Theme

Google Roads

Legend/Attribution

Basemap Features 1

Aerial Imagery 7

Overlay Districts & Voting 5

Zoning

Historic

Aquifer Protection District

Voting Precincts

Scenic Roads

Cultural Resources 1

Topography 1

Natural Resources 9

Open Space

Reading Wetlands

DEP Wetlands

Land Cover

Natural Resource Protection

Water Resource Protection

FEMA Flood Zones

FEMA LOMA Points

FEMA FIRM Panels (Shows Effective Dates)

Socioeconomic Resources 1

Unsaved Markup

Waketair

42.524851, -71.115584

Report a map error

Map data ©2023

200 m

Keyboard shortcuts

Map data ©2023

200 m

Google App Geo

Mishawum

Yankee Division Hwy

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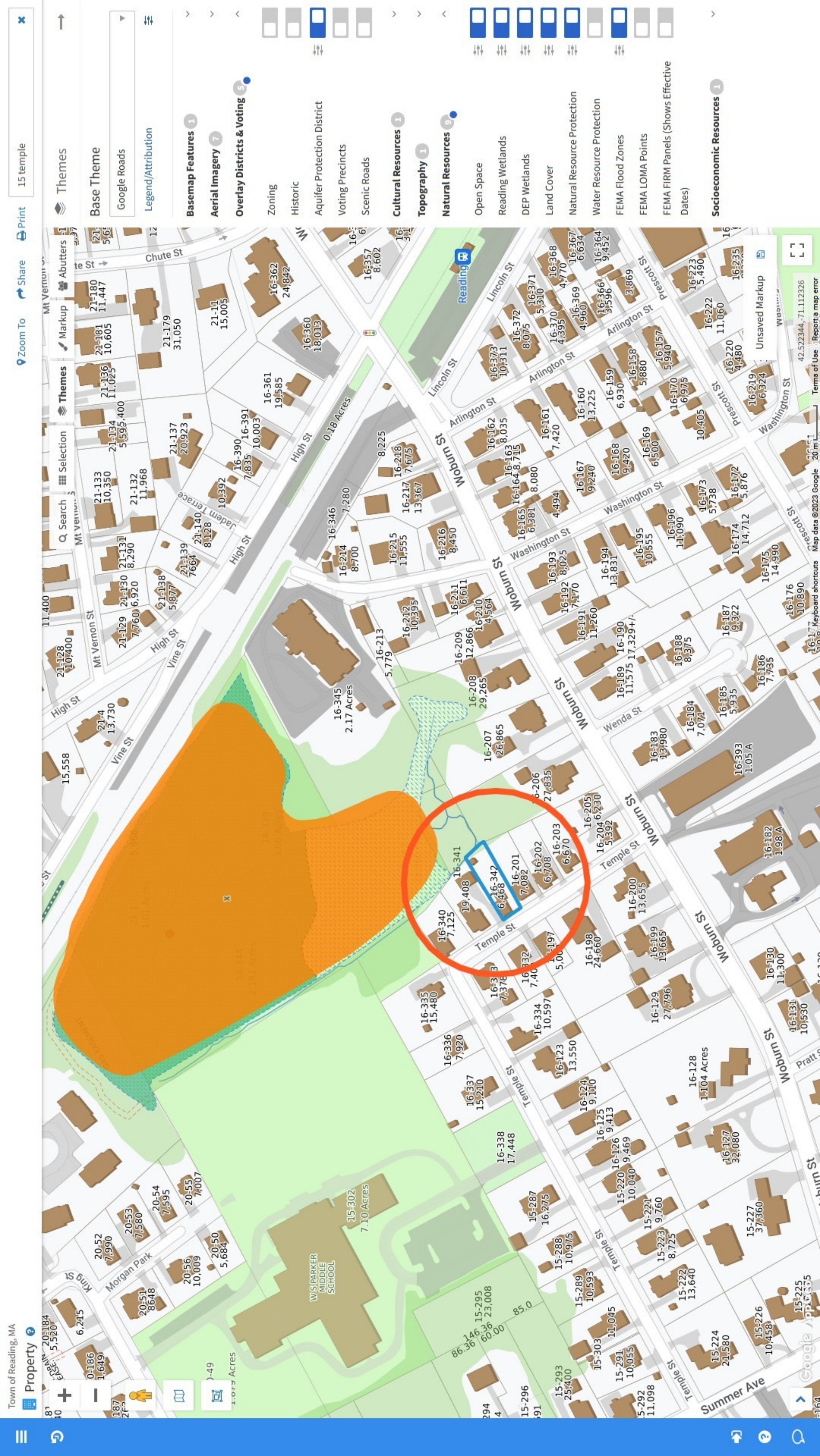
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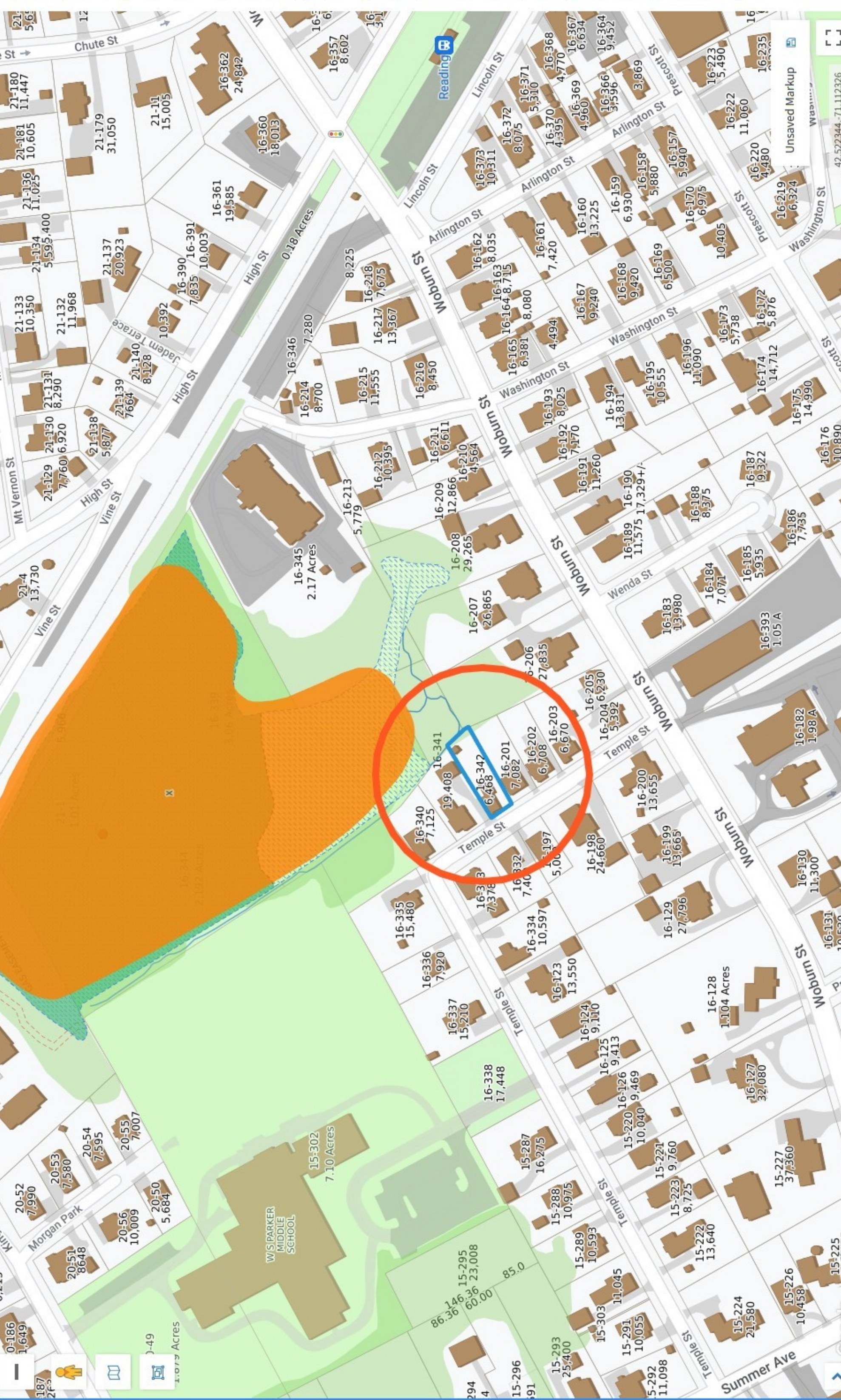


Zoom To Share Print Themes

Search Selection Themes Markup Abutters

Base Theme Google Roads Legend/Attribution

- Basemap Features 1
- Aerial Imagery 7
- Overlay Districts & Voting 5
- Zoning
- Historic
- Aquifer Protection District
- Voting Precincts
- Scenic Roads
- Cultural Resources 1
- Topography 1
- Natural Resources 9
- Open Space
- Reading Wetlands
- DEP Wetlands
- Land Cover
- Natural Resource Protection
- Water Resource Protection
- FEMA Flood Zones
- FEMA LOMA Points
- FEMA FIRM Panels (Shows Effective Dates)
- Socioeconomic Resources 1





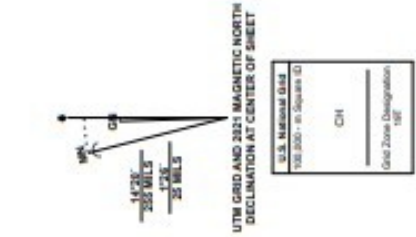
42.4988° -71.1771° 42.4988° -71.518°



QUADRANGLE LOCATION

Reading	Boston North
Wilmington	Lebanon

ADJOINING QUADRANGLES



Produced by the United States Geological Survey
 North American Datum of 1983 (NAD83)
 World Geodetic System of 1984 (WGS84), Projection and
 1 000-meter grid/Universal Transverse Mercator, Zone 19T
 Data is provided by The National Map (NMA), is the best available at the time of map
 generation, and includes data content from supporting themes of Elevation,
 Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover,
 and Orthorectification. Refer to associated Federal Geographic Data Committee (FGDC)
 Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale.
 Private lands within government reservations may not be shown. Obtain permission
 before entering private lands. Temporal changes may have occurred since these data
 were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: <https://nationalmap.gov>



NORSE ENVIRONMENTAL SERVICES, INC.

92 Middlesex Road, Unit 4

Tyngsboro, MA 01879

TEL. (978) 649-9932 • FAX (978) 649-7582

Website: www.norseenvironmental.com

July 25, 2023

Mr. Tony Silva
15 Temple Street
Reading, MA 01867

Re: 15 Temple Street
Reading, MA 01867

Mr. Silva,

Norse Environmental Services, Inc. performed a site visit on 5-4-21 to flag the resource areas. A subsequent site visit was performed on 1-31-23 to verify the resource area. An existing single-family dwelling, deck, driveway, greenhouse, shed and fencing are located on the parcel. The lot is landscaped with lawn ornamental shrubs and trees.

A man-made drainage ditch or intermittent stream is located along the rear of the parcel. The Bank is flagged in the field with blue ribbon and aluminum tags labeled 1B-6B. The Bank is well defined and follows a topographic break in slope.

The Web Soil Survey maps the site as Canton-Charlton-Urban land complex and Merrimac-Urban complex series. Canton-Charlton-Urban land complex consists of urban land and gently sloping or undulating very deep, well drained Canton and Charlton soils on uplands. The soil and urban land are so intermingled that it is not practical to separate them. The complex is approximately 40 percent urban land, 30 percent Canton, 25 percent Charlton and 5 percent other soils.

Merrimac-Urban land complex consists of nearly level to undulating, deep, somewhat excessively drained Merrimac soils and areas of urban land. Although urban development has altered the soils and landscapes on these areas, the soil can be identified at widely separated points, and the general nature of the area can be determined. Broad delineations are made on the map. This map unit consists of about 75 percent Merrimac and similar soils and at least 25 percent urban land and other disturbed areas. Urban land consists of streets, parking lots, buildings, and other structures.

The USGS Topographic Map shows no streams on or near the property. The site is not located within Bordering Land Subject to Flooding or the 100-year floodplain. The site is not located within the NHESP mapping of Estimated and/or Priority Habitat. In addition, there are no certified or potential vernal pools located on or near the property.

Proposed Work

The applicant is filing a Notice of Intent to raze an existing dwelling to construct a new single-family dwelling, driveway, deck, and roof top infiltration. This is a buffer zone project, and the closest proposed work (installation of erosion controls) is 39 ft. from the Bank of the intermittent stream. Erosion controls shall be installed and maintained for the duration of the work.

Resource Area - 310 CMR 10.54 – Bank

The resource area is the Bank of an intermittent stream. There is no associated bordering vegetated wetland. The upper boundary of the bank is flagged in the field by the first observable break in slope. No work is proposed on or near the Bank of the stream. The erosion controls are the limit of work.

The General Performance Standards are numbered, and Norse's response is italicized below:

(4) General Performance Standards.

(a) Where the presumption set forth in 310 CMR 10.54(3) is not overcome, any proposed work on a Bank shall not impair the following:

1. the physical stability of the Bank;
No work is proposed on the Bank. The closest proposed work is 39 ft. from the Bank. Erosion controls shall be installed and maintained for the duration of the project thereby protecting and maintaining the physical stability of the Bank.
2. the water carrying capacity of the existing channel within the Bank;
No work is proposed on the Bank. The proposed work will not affect the carrying capacity of the existing channel. The closest proposed work is 39 ft. from the Bank. Erosion controls shall be installed and maintained for the duration of the project.
3. ground water and surface water quality;
No work is proposed on the Bank. The groundwater and surface water quality shall not be affected by the project. The closest proposed work is 39 ft. from the Bank. Erosion controls shall be installed and maintained for the duration of the project. The project incorporates rooftop infiltration thereby replenishing the groundwater.
4. the capacity of the Bank to provide breeding habitat, escape cover and food for fisheries;
No work is proposed on the Bank. The closest proposed work is 39 ft. from the Bank. Erosion controls shall be installed and maintained for the duration of the project. The construction of a new dwelling will not affect the Bank to provide breeding habitat, escape cover and food for fisheries. The site is not located within NHESP Priority and/or Estimated Habitat.
5. the capacity of the Bank to provide important wildlife habitat functions. A project or projects on a single lot, for which Notice(s) of Intent is filed on or after November 1, 1987, that (cumulatively) alter(s) up to 10% or 50 feet (whichever is less) of the length of the bank found to be significant to the protection of wildlife habitat, shall not be deemed

to impair its capacity to provide important wildlife habitat functions. In the case of a bank of a river or an intermittent stream, the impact shall be measured on each side of the stream or river. Additional alterations beyond the above threshold may be permitted if they will have no adverse effects on wildlife habitat, as determined by procedures contained in 310 CMR 10.60.

No work is proposed on the Bank. The closest proposed work is 39 ft. from the Bank. Erosion controls shall be installed and maintained for the duration of the project.

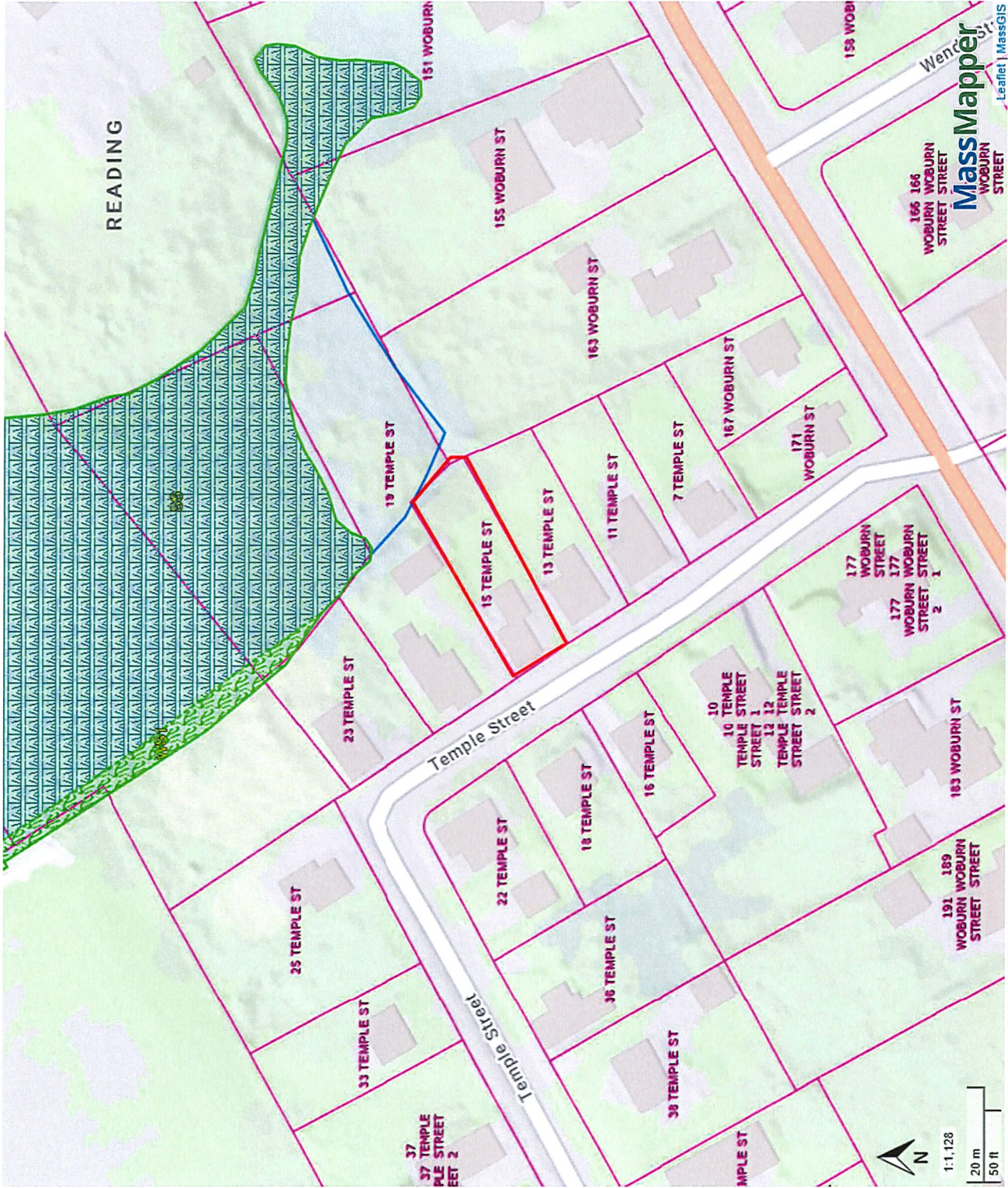
Enclosed are the maps of the site. If you have any questions or concerns, please do not hesitate to call.

Sincerely,

Maureen Herald

Maureen Herald, PWS, CWS

15 Temple Street - Reading



DEP 2005 Human Altered Areas



DEP Wetlands Change

- Change detected 2001-2003
- Change detected 2005
- Change detected 2008-2009
- Change detected 2011-2012

DEP Wetlands Detailed

- Barrier Beach System
- Barrier Beach-Deep Marsh
- Barrier Beach-Wooded Swamp Mixed Trees
- Barrier Beach-Coastal Beach
- Barrier Beach-Coastal Dune
- Barrier Beach-Marsh
- Barrier Beach-Salt Marsh
- Barrier Beach-Shrub Swamp
- Barrier Beach-Wooded Swamp Coniferous
- Barrier Beach-Wooded Swamp Deciduous

Bog

- Coastal Bank Bluff or Sea Cliff
- Coastal Beach
- Coastal Dune
- Cranberry Bog
- Deep Marsh
- Barrier Beach-Open Water
- Open Water
- Rocky Intertidal Shore
- Salt Marsh
- Shallow Marsh Meadow or Fen
- Shrub Swamp
- Tidal Flat
- Wooded Swamp Coniferous
- Wooded Swamp Deciduous
- Wooded Swamp Mixed Trees

DEP Wetlands Labels

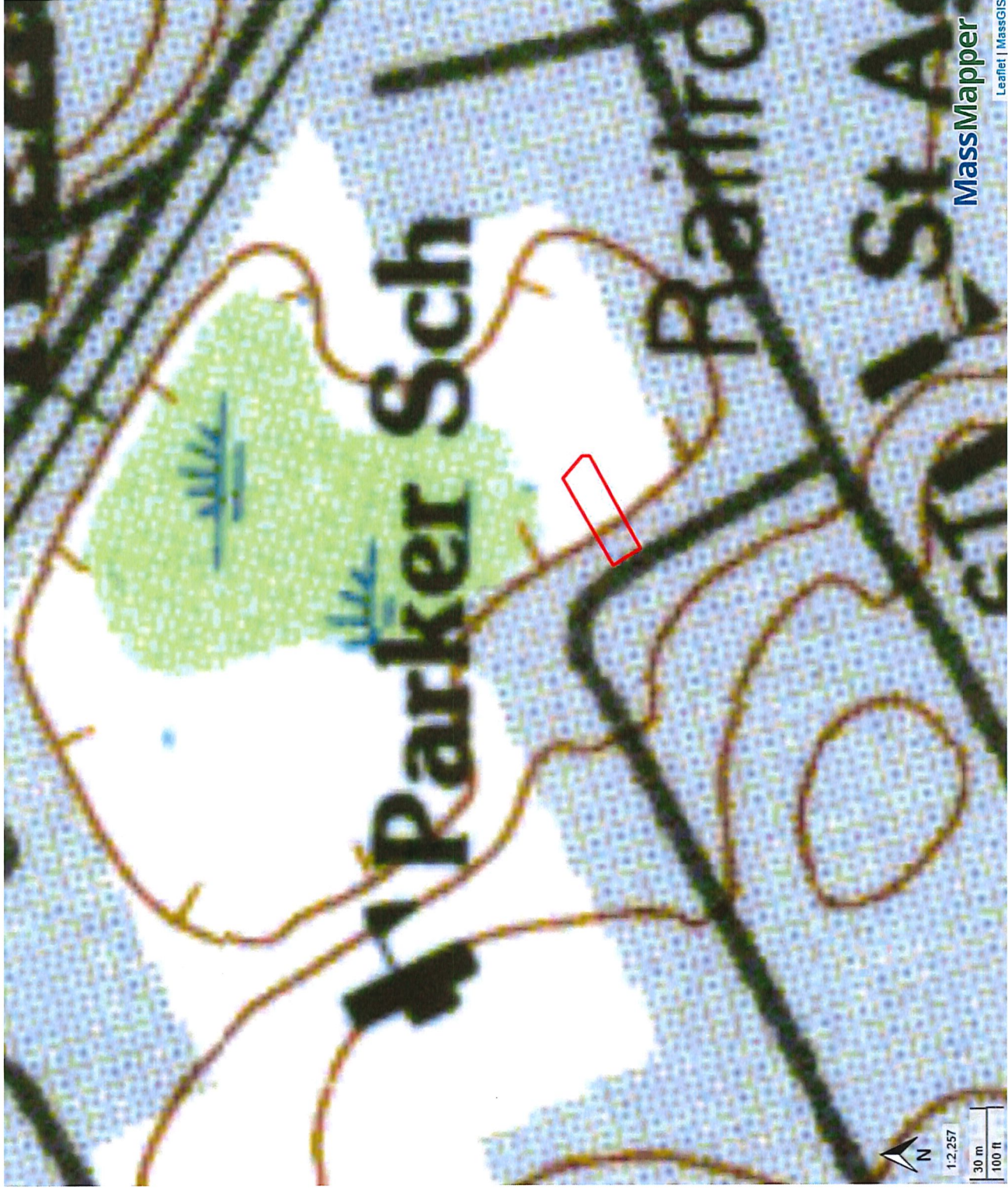
DEP Wetlands Linear Features

- SHORELINE
- HYDROLOGIC CONNECTION
- MEAN WATER LINE
- APPARENT WETLAND LIMIT
- CLOSURE LINE
- EDGE OF INTERPRETED AREA

Property Tax Parcels

15 Temple Street - Reading

USGS Topographic Maps
Property Tax Parcels



Soil Map—Middlesex County, Massachusetts
(15 Temple Street - Reading)



MAP LEGEND

- Area of Interest (AOI)
- Area of Interest (AOI)
- Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points
- Special Point Features**
 - Blowout
 - Borrow Pit
 - Clay Spot
 - Closed Depression
 - Gravel Pit
 - Gravelly Spot
 - Landfill
 - Lava Flow
 - Marsh or swamp
 - Mine or Quarry
 - Miscellaneous Water
 - Perennial Water
 - Rock Outcrop
 - Saline Spot
 - Sandy Spot
 - Severely Eroded Spot
 - Sinkhole
 - Slide or Slip
 - Sodic Spot
- Water Features**
 - Streams and Canals
- Transportation**
 - Rails
 - Interstate Highways
 - US Routes
 - Major Roads
 - Local Roads
- Background**
 - Aerial Photography
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:25,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Middlesex County, Massachusetts
Survey Area Data: Version 22, Sep 9, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 22, 2022—Jun 5, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
626B	Merrimac-Urban land complex, 0 to 8 percent slopes	0.1	61.4%
629C	Canton-Charlton-Urban land complex, 3 to 15 percent slopes	0.1	38.6%
Totals for Area of Interest		0.2	100.0%

National Flood Hazard Layer FIRMette



71°07'5"W 42°31'32"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

71°06'28"W 42°31'6"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with draining areas of less than one square mile Zone .
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- NO SCREEN
- Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps. If it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/24/2023 at 5:02 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

15 Temple Street - Reading

Potential Vernal Pools



NHESP Priority Habitats of Rare Species



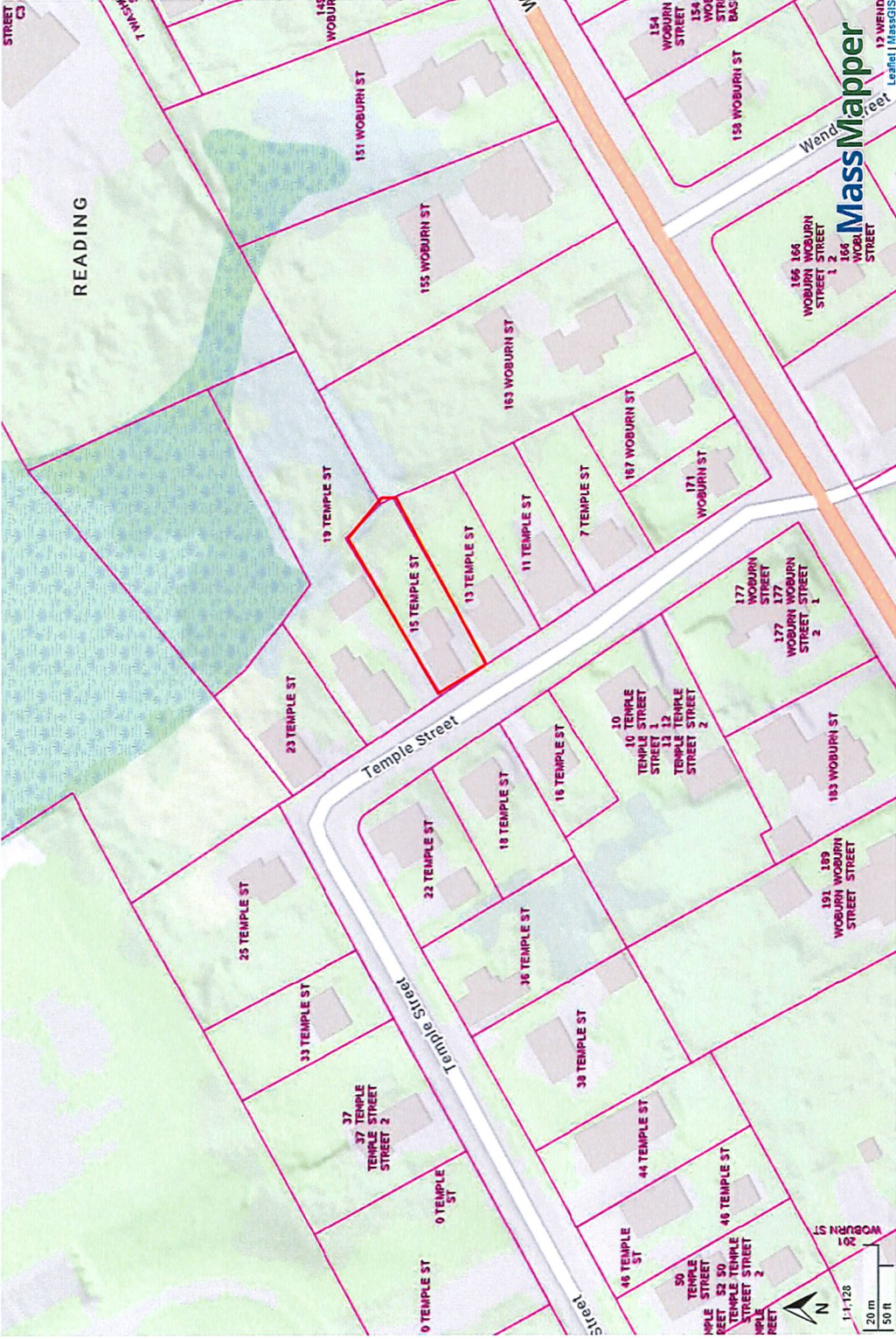
NHESP Estimated Habitats of Rare Wildlife



NHESP Certified Vernal Pools



Property Tax Parcels

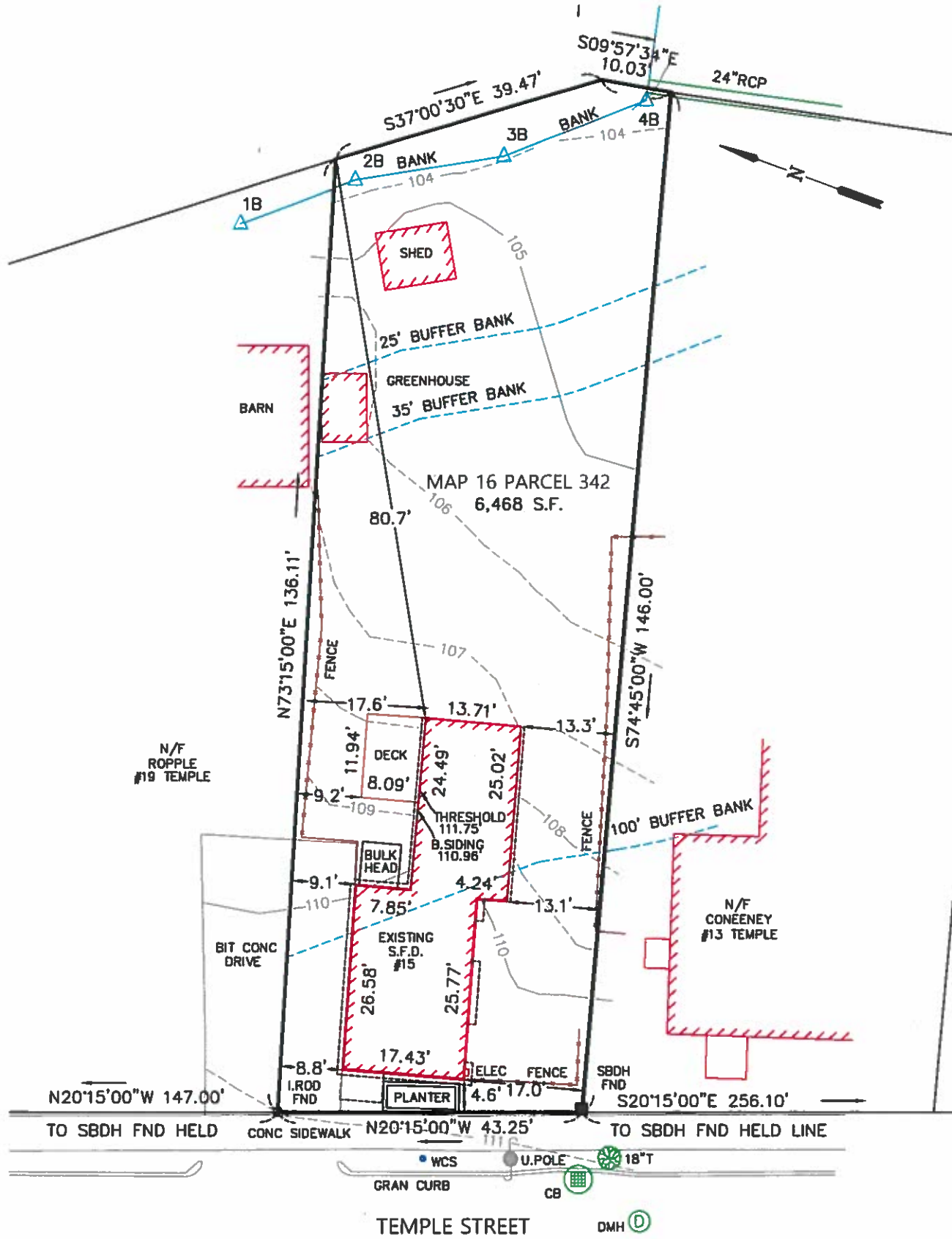


OWNER OF RECORD
ANTHONY SILVA
15 TEMPLE STREET
READING, MA

DEED REFERENCE
BK 66552 PG 241

PLAN REFERENCE
PLAN 258 OF 1955

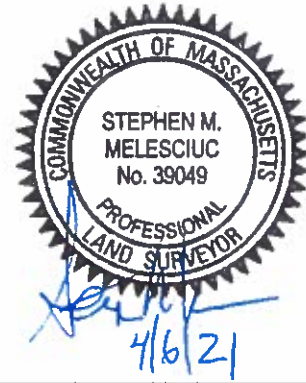
TOWN OF READING
ASSESSORS MAP 16 PARCEL 342



WETLANDS DELINEATED BY NORSE ENVIRONMENTAL SERVICES ON MAY 5, 2021 AND LOCATED BY FIELD SURVEY.

ZONE: SINGLE RESIDENCE S15

REQUIRED LOT AREA:	15,000 S.F.	EXISTING LOT AREA:	6,468 S.F.
REQUIRED LOT FRONTAGE:	100'	EXISTING LOT FRONTAGE:	43.25'
REQUIRED MINIMUM SETBACKS:	FRONT 20' SIDE 15' REAR 20'	EXISTING SETBACKS:	FRONT 4.6' SIDE 8.8' REAR 80.7'
MAX BLDG HEIGHT:	35'	BLDG HEIGHT:	18.3'
MAX LOT COVERAGE:	25% = 1,617 S.F.	LOT COVERAGE:	1,045 S.F. = 16%



STRUCTURES SHOWN WERE LOCATED BY AN INSTRUMENT SURVEY.
ACCORDING TO FEMA FLOOD INSURANCE RATE MAP NO. 25017C0313E WITH EFFECTIVE DATE OF 6/4/10 THE PROPERTY IS LOCATED IN ZONE X, AREA OF MINIMAL FLOOD HAZARD.
THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON RECORD INFORMATION PROVIDED TO THE SURVEYOR AND SHALL BE CONSIDERED APPROXIMATE. NOT ALL UNDERGROUND UTILITIES THAT MAY EXIST ON THE SITE ARE SHOWN. DIGSAFE SHALL BE NOTIFIED PRIOR TO ANY EXCAVATIONS.

EXISTING CONDITIONS

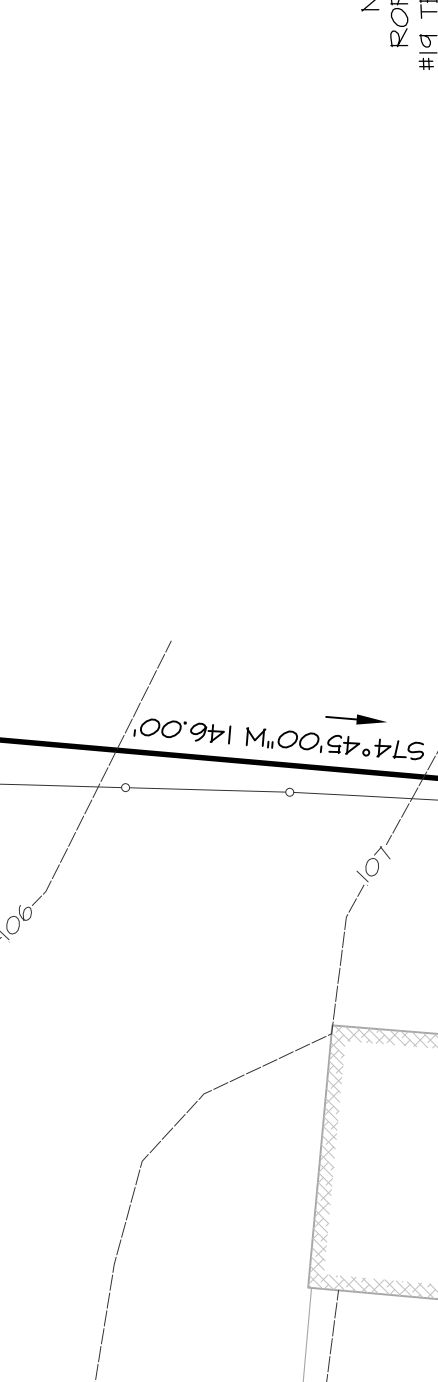
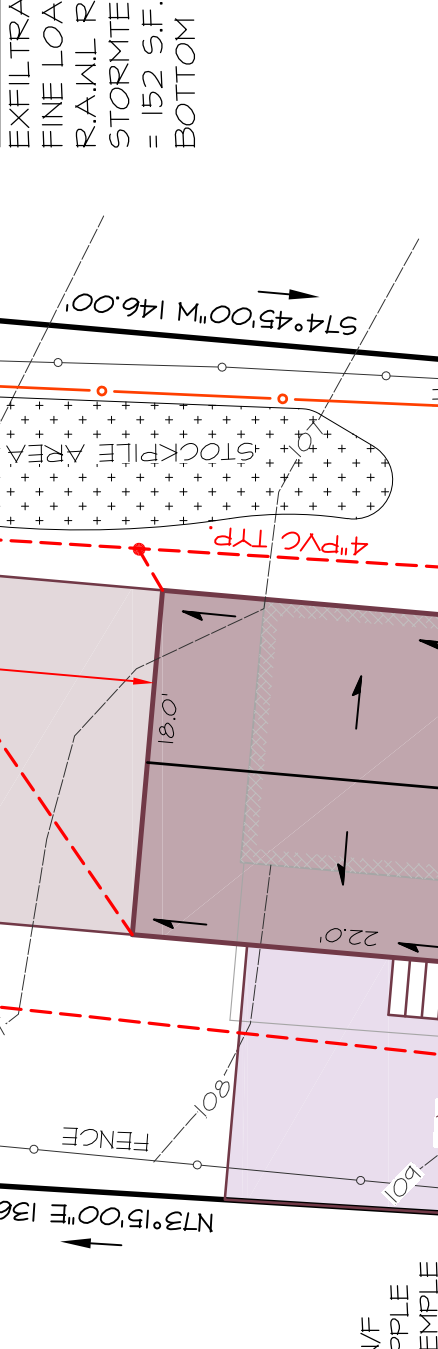
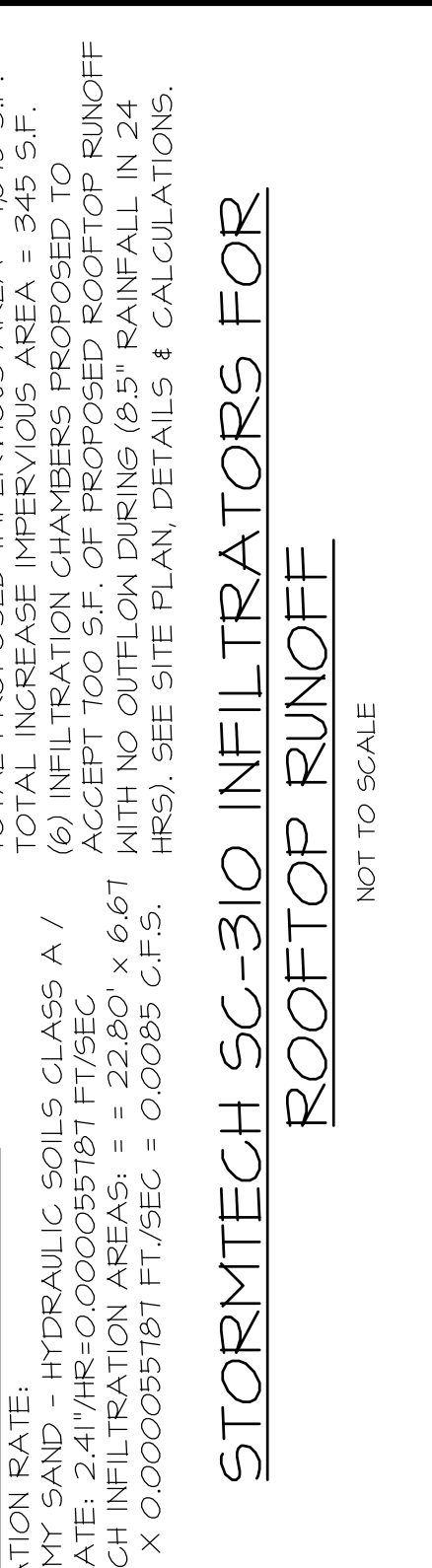
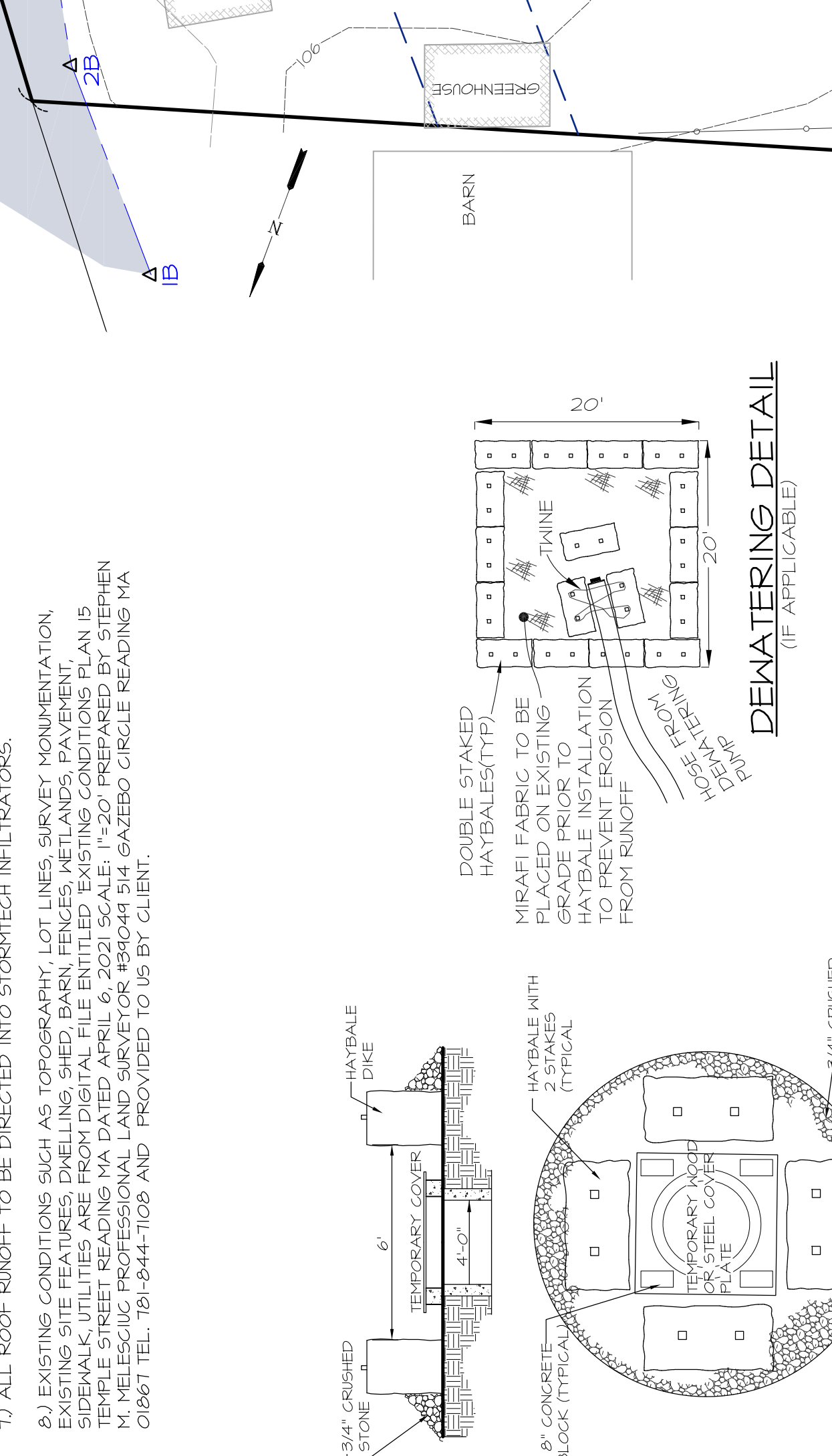
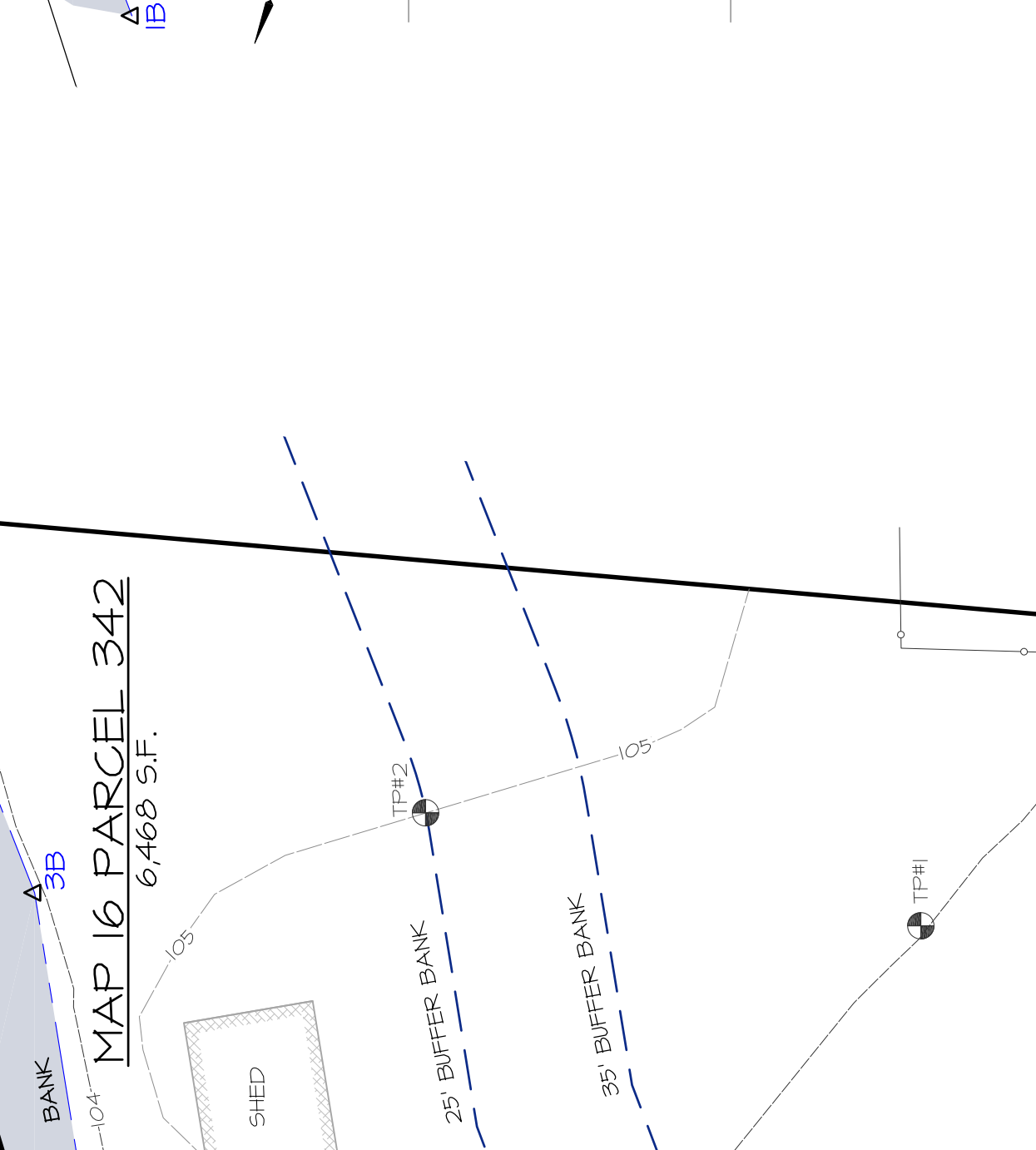
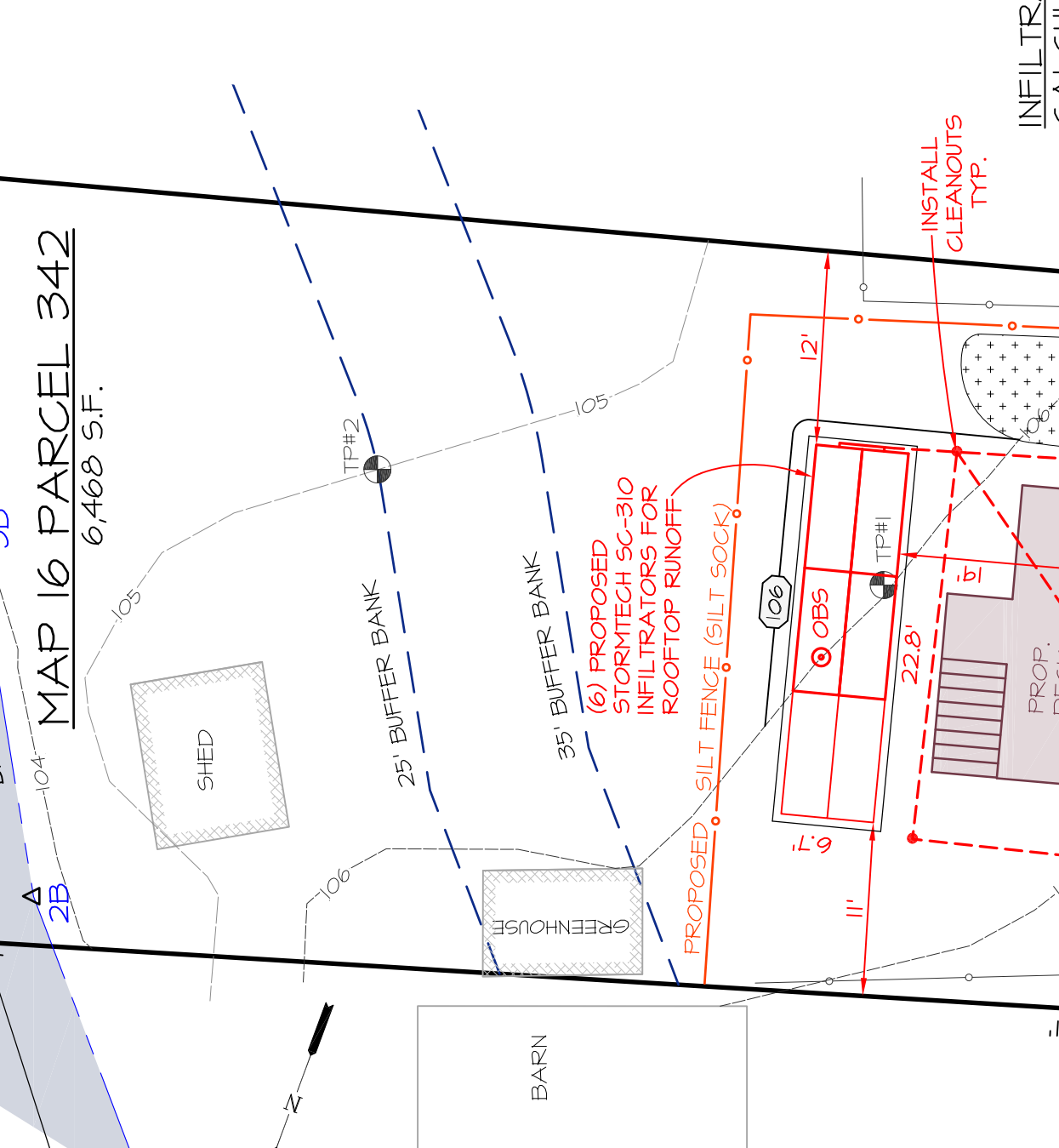
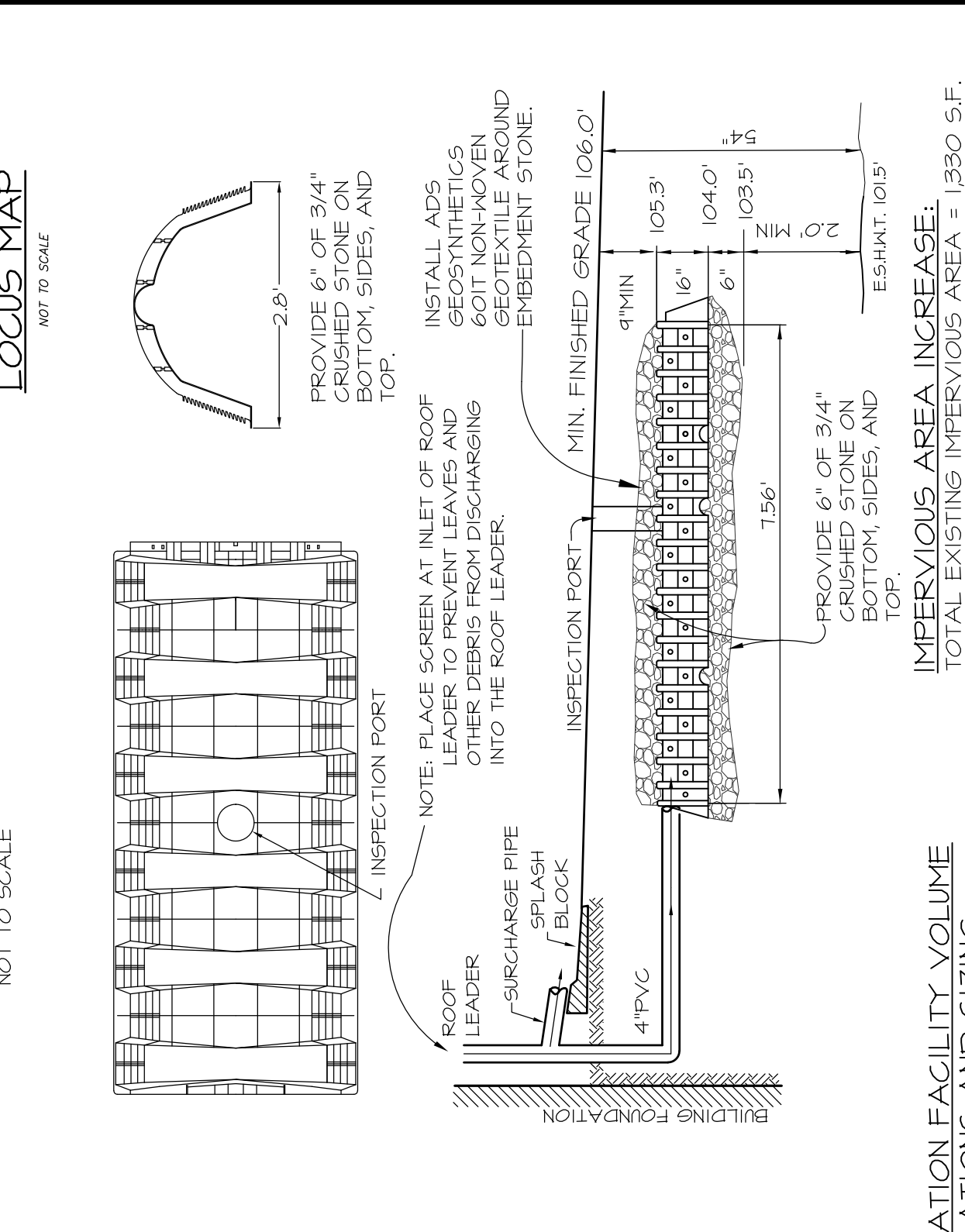
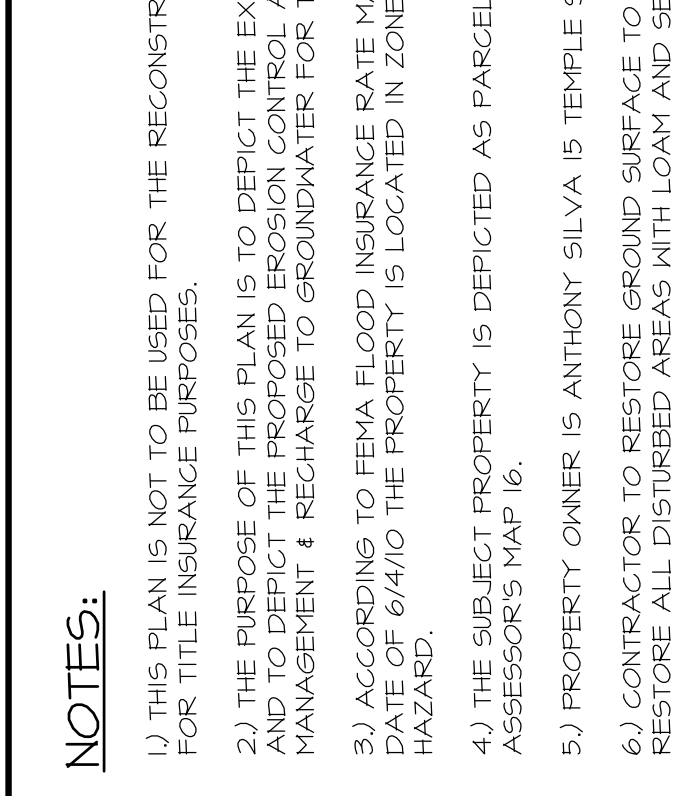
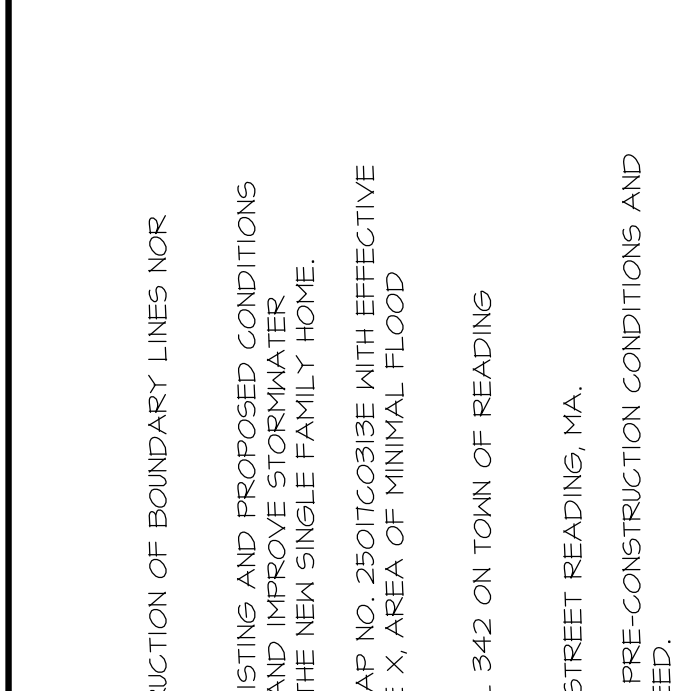
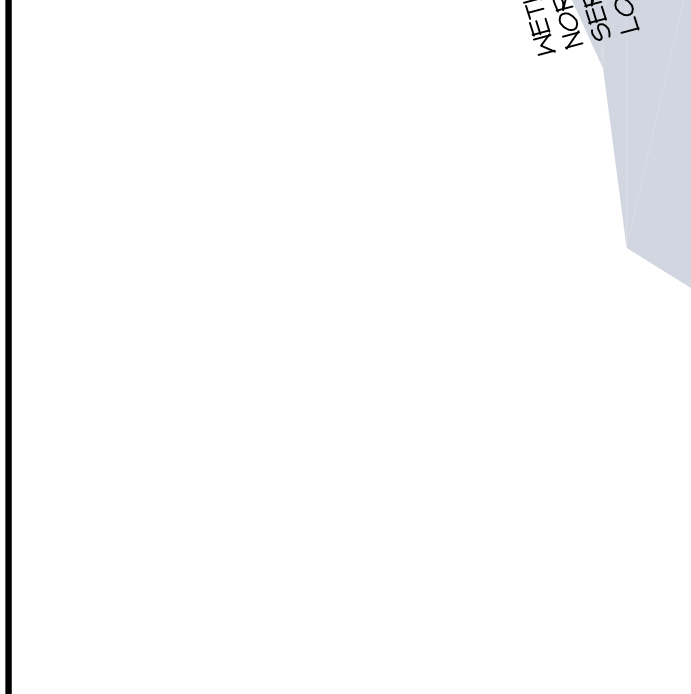
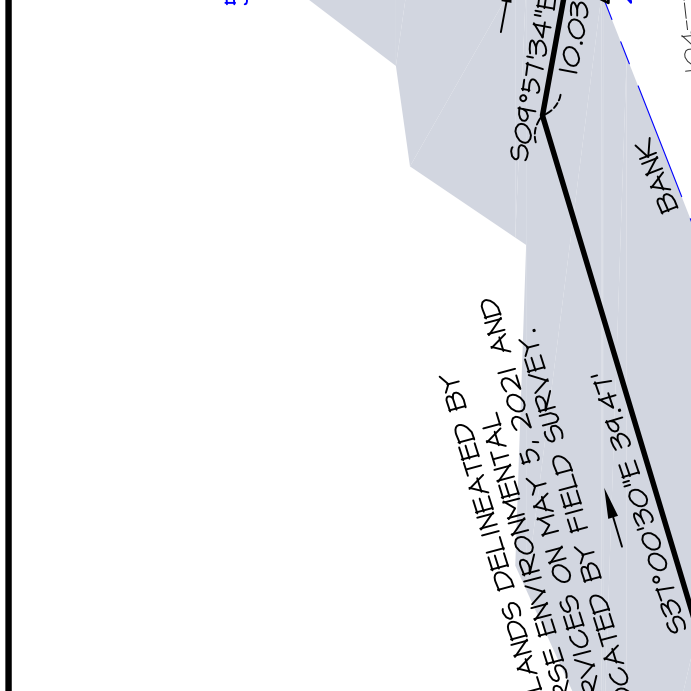
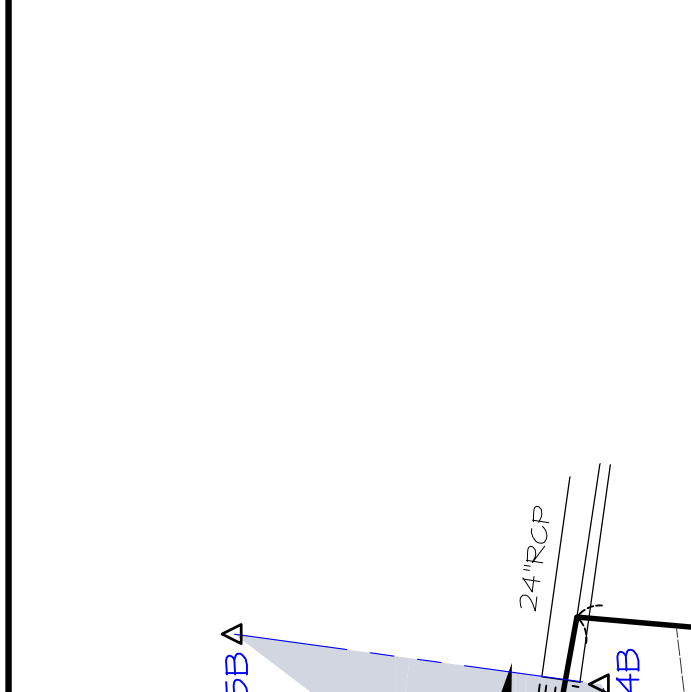
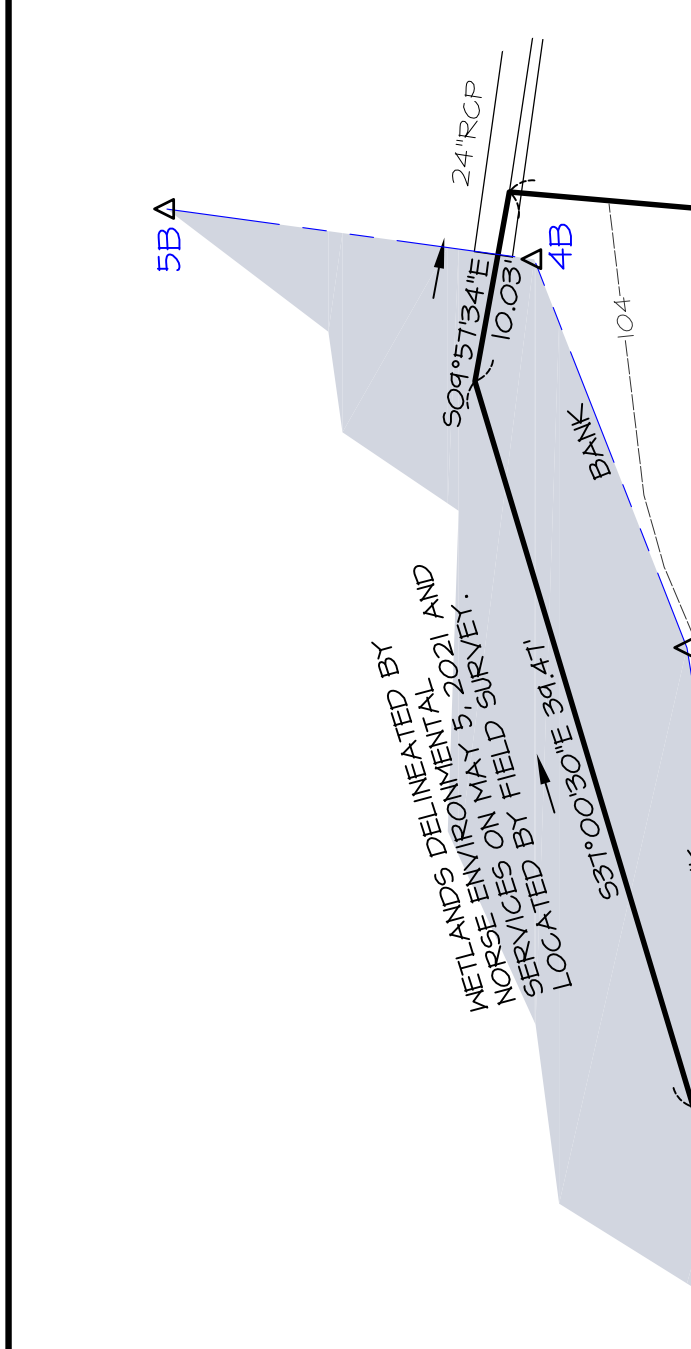
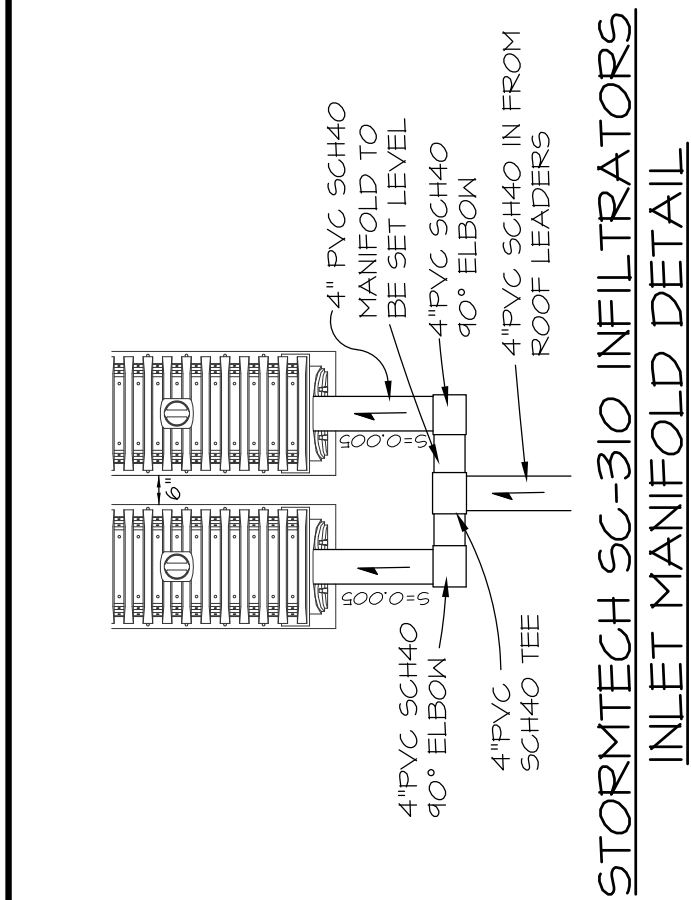
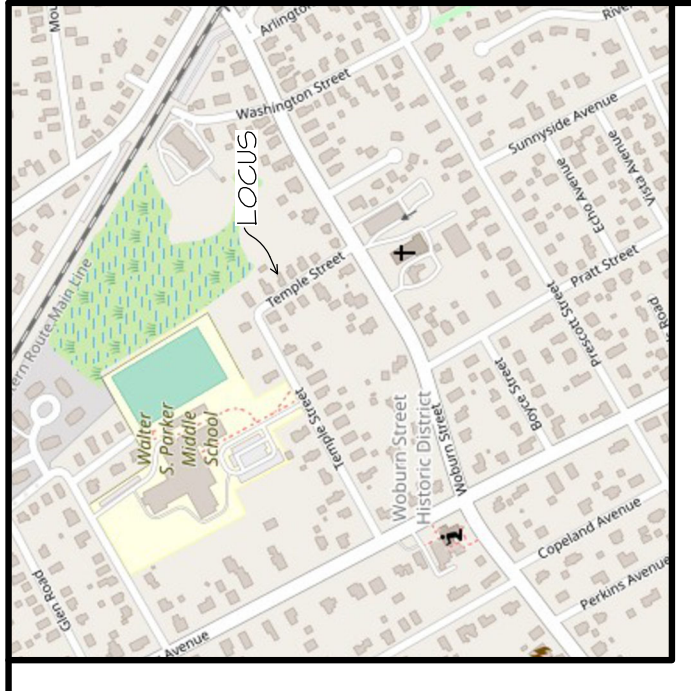
ASSESSORS MAP 16 PARCEL 342
15 TEMPLE STREET
READING, MA
PREPARED FOR
ANTHONY SILVA
15 TEMPLE STREET
READING, MA 01867

STEPHEN M. MELESCIUC
PROFESSIONAL LAND SURVEYOR #39049
514 GAZEBO CIRCLE
READING, MA 01867
(781)844-7108

SCALE: 1"=20'

DATE: APRIL 6, 2021

- NOTES:**
- 1) THIS PLAN IS NOT TO BE USED FOR THE RECONSTRUCTION OF BOUNDARY LINES NOR FOR TITLE INSURANCE PURPOSES.
 - 2) THE PURPOSE OF THIS PLAN IS TO DEPICT THE EXISTING AND PROPOSED CONDITIONS AND TO DEPICT THE PROPOSED EROSION CONTROL AND IMPROVE STORMWATER MANAGEMENT & RECHARGE TO GROUNDWATER FOR THE NEH SINGLE FAMILY HOME.
 - 3) ACCORDING TO FEMA FLOOD INSURANCE RATE MAP NO. 25010C038E WITH EFFECTIVE DATE OF 6/4/10 THE PROPERTY IS LOCATED IN ZONE X, AREA OF MINIMAL FLOOD HAZARD.
 - 4) THE SUBJECT PROPERTY IS DEPICTED AS PARCEL 342 ON TOWN OF READING ASSESSOR'S MAP 16.
 - 5) PROPERTY OWNER IS ANTHONY SILVA 15 TEMPLE STREET READING, MA.
 - 6) CONTRACTOR TO RESTORE GROUND SURFACE TO PRE-CONSTRUCTION CONDITIONS AND RESTORE ALL DISTURBED AREAS WITH LOAM AND SEED.
 - 7) ALL ROOF RUNOFF TO BE DIRECTED INTO STORMTECH INFILTRATORS.
 - 8) EXISTING CONDITIONS SUCH AS TOPOGRAPHY, LOT LINES, SURVEY MONUMENTATION, EXISTING SITE FEATURES, DWELLINGS, SHED, BARN, FENCES, METLANDS, PAVEMENT, SIDEWALK, UTILITIES ARE FROM DIGITAL FILE ENTITLED "EXISTING CONDITIONS PLAN 15 TEMPLE STREET READING MA, DATED APRIL 6, 2021 SCALE: 1"=20' PREPARED BY STEPHEN WELLS FOR METLANDS CONSULTING AND SURVEYING INC. 151 GAZZARO CIRCLE READING MA 01861 TEL: 978-674-7108 AND PROVIDED TO US BY CLIENT.

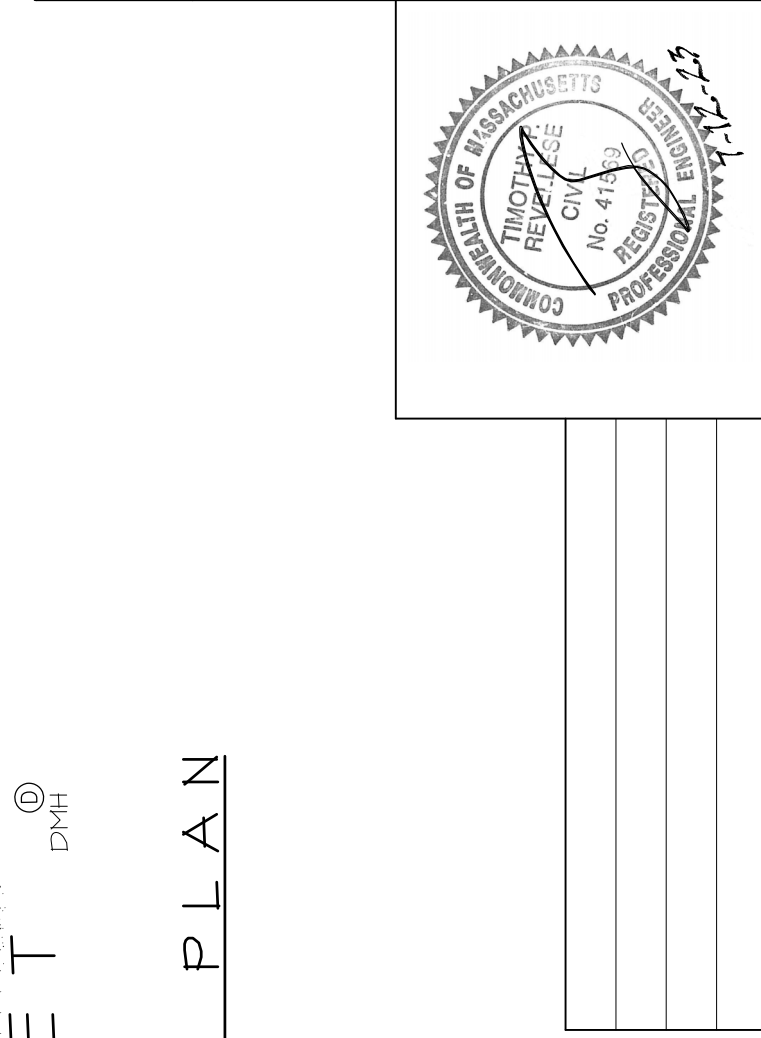


STORM WATER SITE PLAN

LOCATED AT
15 TEMPLE STREET
ASSESSOR'S MAP 16, PARCEL 342
READING MA

PREPARED BY
Cyprus Design Inc.
Lead Surveying & Civil Engineering Services
1501 Main Street Unit 24, Peabody, MA 01966
Tel: 978-460-0106, Fax: 978-460-0200
Email: info@cyprusdesign.com

SCALE: 1"=10' SHEET 1 OF 1 DATE: 7-12-23



PROPOSED SITE PLAN
SCALE: 1"=10'

EXISTING SITE PLAN
SCALE: 1"=10'

TEMPLE STREET

Stormwater BMP Operation/Maintenance Manual

For

15 Temple Street

Located in

Reading, MA

Prepared by:

Cyprus Design, Inc.
978-640-1019

June 7, 2023

Project Narrative:

Cyprus Design, Inc. (Cyprus) is pleased to submit this Stormwater BMP Operation & Maintenance Manual for the removal of an existing single family dwelling, impervious driveway, patios & walkways, and the construction of a new 2 story dwelling, driveway, walkway, patio, drainage infiltrators to assist in reducing stormwater runoff / increasing recharge through clean rooftop runoff, and all associated site work and drainage improvements.

Existing Conditions:

The subject parcel is currently developed with a 2 story single-family dwelling, driveway, deck, porch, and walkways and is bound by Temple Street to the west and residential properties to the north, south and east. Existing conditions detail and topography as shown on the site plan is based on topographical survey performed by Stephen M. Melesciuc professional land surveyor #39049 in April of 2021. the site slopes from a high elevation of 111 at Temple Street to a low elevation of 104 in the rear portion of property at the bordering vegetated wetlands as delineated by Norse Environmental Services on May 5, 2021. The existing soil designation is categorized as sand hydraulic class A which is highly permeable based on on-site soil testing performed by Richard Berube S.E. #162 on may 11, 2023. Estimated seasonal high groundwater was found to be 54” below existing grade at soil test 1 (elevation 106) and 24” at soil test 2 downgradient toward wetland (elevation 105).

Proposed Conditions:

As shown on the attached site plan the proposed development will include the construction of a new 2 story dwelling with all associated driveway, decks, patio, septic system, and drainage improvements (6 drainage infiltrators to assist in reducing stormwater runoff and increasing recharge through clean rooftop runoff). The proposed development will increase impervious areas by 345 s.f. (comparing pre-conditions to post-conditions), 6 Stormtech SC-310 infiltration chambers have been incorporated into project to accept 700 s.f. of proposed dwelling rooftop runoff with no outflow during a 100 year storm event (8.5” of rain in a 24-hour period). See Hydrology calculations, details, and notes on attached site plan along with Hydrocad printout. Prior to the commencement of site work, a silt fence will be installed down gradient of the proposed site work to prevent the intrusion of sediment to the wetland area & abutting properties. We do not anticipate a need for dewatering during excavation for construction of the addition, but if it is necessary, a dewatering pump will be installed, and the water will be discharged to mirafi fabric encompassed by a 10-foot by 10-foot area of hay bales to prevent erosion as shown in detail on attached site plan.

If applicable, the surface of all disturbed areas shall be stabilized during and after construction. Temporary measures shall be taken during construction to prevent erosion and siltation. All disturbed slopes will be stabilized with a permanent vegetative cover. Some or all the following measures will be utilized on this project as conditions may warrant.

- a. Temporary Seeding
- b. Temporary Mulching
- c. Permanent Seeding
- d. Placement of Sod

- e. Hydroseeding
- f. Placement of Hay
- g. Placement of Jute Netting

Operation and Maintenance

This Operation and Maintenance Manual has been prepared to conform to the Department of Environmental Protection's Stormwater Management guidelines and more specifically follows the format of Stormwater Management Standards Operation and Maintenance Plans (Standard 9).

Schedule for Maintenance and Inspection

During Construction

During construction, erosion control measures shall be implemented in accordance with the design plan approved by the Town of Reading to eliminate silt intrusion into drainage systems, Wetlands, and abutting properties. During this period, it shall be the responsibility of the owner's representatives (contractor) to maintain erosion control measures. These measures include ensuring siltation devices are in-place on catch basin inlet grates (if applicable), and silt sock is in place and in working condition, and that these measures are effectively preventing silt and/or sediment from entering catch basins, wetlands, and abutting properties. The silt sock must be checked at the end of each workday and repaired immediately if applicable.

Upon Completion of Development and Town of Reading Approval:

Stormwater Management System(s) Owner(s) & The Party Responsible for Operation and Maintenance:

Once the construction is complete to the satisfaction of the Town of Reading, inspection, and maintenance of all the subject parcel structures (Pvc roof leaders, building gutters, infiltrators) will be owner of record based on current deed for property recorded at Middlesex South Registry of Deeds. The current property owner shall record this Stormwater BMP Operation/Maintenance Manual at the Middlesex South Registry of Deeds as to inform any future property owners of the presence of the stormwater management system and the requirement for proper operation and maintenance.

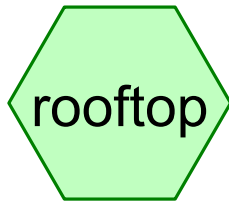
Long -Term Operation and Maintenance (O&M) Plan estimated operations and maintenance budget (stormwater management standards, Standard 9 (6):

- As mentioned above the party responsible for operation and maintenance of stormwater management system will owner of record based on current deed for property recorded at Middlesex South Registry of Deeds as such the maintenance budget will include any costs associated with gutter cleaning, system inspection through observation well and report on stormwater management system outlining system overall condition and operation. The estimated budget for this maintenance is \$250 per year.

- If system has failed and needs to be replaced the estimated budget is between \$4000 and \$8000.

Stormtech Infiltrators Maintenance:

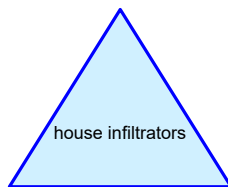
During the first two years of operation, the owner shall inspect infiltration units through the observation port after the first 20 storm events and after each heavy rainfall event thereafter. In addition, the infiltrators shall be inspected at least once a year outside of storm events during the first two years. After the first two years, the owner shall inspect the infiltrators after an unusually heavy storm once each year. The owner shall be responsible for inspection of the drainage system every spring and maintenance as needed to ensure proper operation and to prevent a significant accumulation of sand, silt and/or debris from entering the chambers. Screens must be placed on all building gutters throughout the project to eliminate debris and leaves from entering the roof leaders, which are connected to the infiltrator chamber systems. The owner shall also be responsible for clearing any accumulated leaves, and tree debris such as branches, acorns, seedlings from roof gutter system. Any debris collected from gutters is considered solid waste by DEP and must be handled and disposed of in accordance with all DEP regulations, policies, and guidance. In the absence of written approval from the DEP, the cleaning and debris removal must be taken to a facility permitted by the DEP to accept solid waste. Maintenance of structures shall coincide with the previously identified inspection schedule at a minimum. If accumulated water inside the infiltration chambers is observed (as visible from an observation well) 24 hours or several days after a storm event, it may indicate that the bottom of the trench has been fouled. In this case, stormwater entering the system may reach the overflow level and exit surcharge pipe as shown in detail on attached site plans. If this occurs, a Professional Civil Engineering Consultant shall be contracted by the owner to determine if maintenance and/or replacement of some or all the units will be required. If water accumulates in the units (as observed in the well), the contracted Professional Civil Engineering consulting firm will determine the extent of system repair and/or replacement. Once approved, the owner will be responsible for implementation of the remedy.



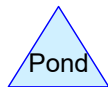
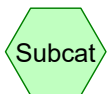
rooftop



ROOF LEADERS



stormtech sc-310



Routing Diagram for 15 Temple st Reading-SC310-house infiltrators

Prepared by Administrator, Printed 6/6/2023

HydroCAD® 10.00-26 s/n 01720 © 2020 HydroCAD Software Solutions LLC

15 Temple st Reading-SC310-house infiltrators

Prepared by Administrator

Printed 6/6/2023

HydroCAD® 10.00-26 s/n 01720 © 2020 HydroCAD Software Solutions LLC

Page 2

Area Listing (all nodes)

Area (sq-ft)	CN	Description (subcatchment-numbers)
700	98	Rooftop (rooftop)
700	98	TOTAL AREA

15 Temple st Reading-SC310-house infiltrators

Prepared by Administrator

HydroCAD® 10.00-26 s/n 01720 © 2020 HydroCAD Software Solutions LLC

15 Temple Street Reading
Type III 24-hr Custom Rainfall=8.50"

Printed 6/6/2023

Page 3

Summary for Subcatchment rooftop: rooftop

Runoff = 0.14 cfs @ 12.07 hrs, Volume= 443 cf, Depth> 7.60"

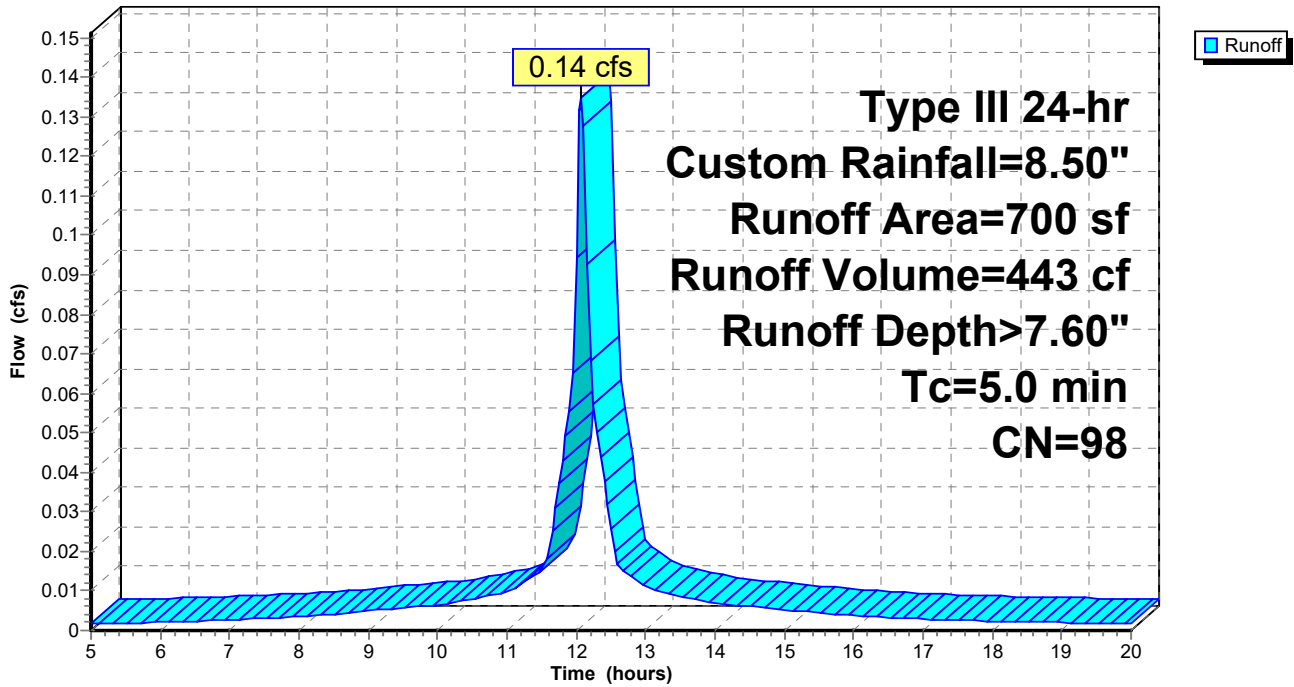
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Type III 24-hr Custom Rainfall=8.50"

Area (sf)	CN	Description
* 700	98	Rooftop
700		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.0					Direct Entry, 5 MIN

Subcatchment rooftop: rooftop

Hydrograph



15 Temple st Reading-SC310-house infiltrators

Prepared by Administrator

HydroCAD® 10.00-26 s/n 01720 © 2020 HydroCAD Software Solutions LLC

15 Temple Street Reading
Type III 24-hr Custom Rainfall=8.50"

Printed 6/6/2023

Page 4

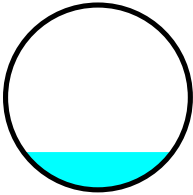
Summary for Reach ROOF LEADERS: ROOF LEADERS

Inflow Area = 700 sf, 100.00% Impervious, Inflow Depth > 7.60" for Custom event
Inflow = 0.14 cfs @ 12.07 hrs, Volume= 443 cf
Outflow = 0.13 cfs @ 12.10 hrs, Volume= 443 cf, Atten= 4%, Lag= 1.6 min

Routing by Stor-Ind+Trans method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
Max. Velocity= 1.75 fps, Min. Travel Time= 0.8 min
Avg. Velocity = 0.67 fps, Avg. Travel Time= 2.1 min

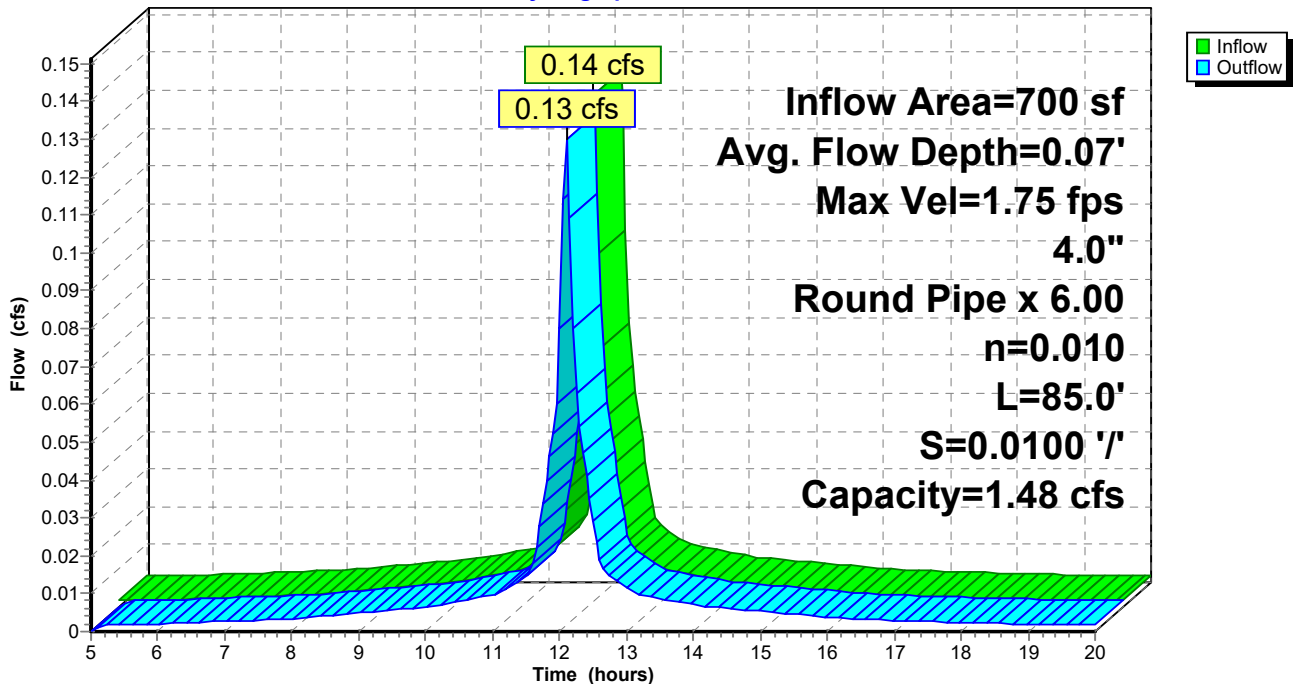
Peak Storage= 6 cf @ 12.08 hrs
Average Depth at Peak Storage= 0.07'
Bank-Full Depth= 0.33' Flow Area= 0.5 sf, Capacity= 1.48 cfs

A factor of 6.00 has been applied to the storage and discharge capacity
4.0" Round Pipe
n= 0.010 PVC, smooth interior
Length= 85.0' Slope= 0.0100 '/
Inlet Invert= 0.00', Outlet Invert= -0.85'



Reach ROOF LEADERS: ROOF LEADERS

Hydrograph



15 Temple st Reading-SC310-house infiltrators

Prepared by Administrator

HydroCAD® 10.00-26 s/n 01720 © 2020 HydroCAD Software Solutions LLC

15 Temple Street Reading
Type III 24-hr Custom Rainfall=8.50"

Printed 6/6/2023

Page 5

Summary for Pond house infiltrators: stormtech sc-310

Inflow Area = 700 sf, 100.00% Impervious, Inflow Depth > 7.59" for Custom event
 Inflow = 0.13 cfs @ 12.10 hrs, Volume= 443 cf
 Outflow = 0.01 cfs @ 10.75 hrs, Volume= 363 cf, Atten= 93%, Lag= 0.0 min
 Primary = 0.01 cfs @ 10.75 hrs, Volume= 363 cf

Routing by Stor-Ind method, Time Span= 5.00-20.00 hrs, dt= 0.05 hrs
 Peak Elev= 105.73' @ 13.58 hrs Surf.Area= 152 sf Storage= 190 cf

Plug-Flow detention time= 151.1 min calculated for 362 cf (82% of inflow)
 Center-of-Mass det. time= 100.7 min (835.0 - 734.3)

Volume	Invert	Avail.Storage	Storage Description
#1A	103.50'	106 cf	6.67'W x 22.80'L x 2.33'H Field A 355 cf Overall - 90 cf Embedded = 264 cf x 40.0% Voids
#2A	104.00'	90 cf	ADS_StormTech SC-310 x 6 Inside #1 Effective Size= 28.9"W x 16.0"H => 2.07 sf x 7.12'L = 14.7 cf Overall Size= 34.0"W x 16.0"H x 7.56'L with 0.44' Overlap Row Length Adjustment= +0.44' x 2.07 sf x 2 rows
		196 cf	Total Available Storage

Storage Group A created with Chamber Wizard

Device	Routing	Invert	Outlet Devices
#1	Primary	103.50'	0.01 cfs Exfiltration at all elevations

Primary OutFlow Max=0.01 cfs @ 10.75 hrs HW=103.52' (Free Discharge)
 ↑1=Exfiltration (Exfiltration Controls 0.01 cfs)

15 Temple st Reading-SC310-house infiltrators

Prepared by Administrator

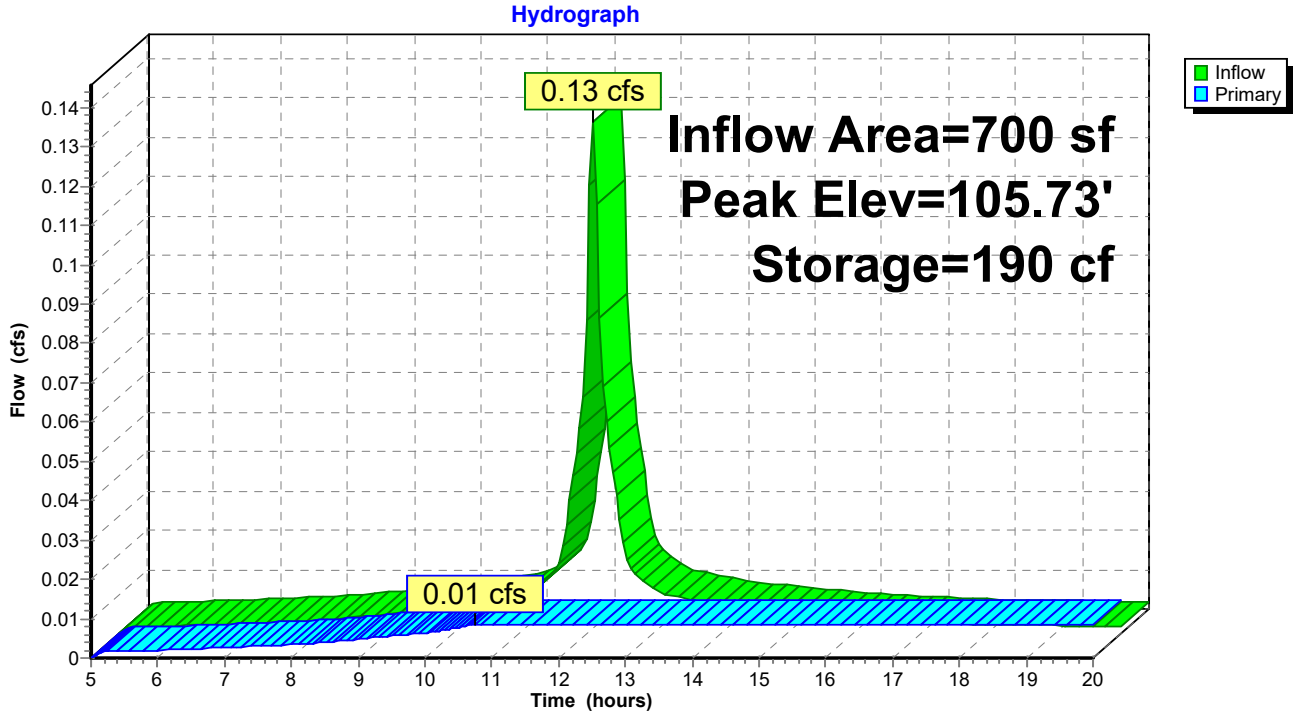
HydroCAD® 10.00-26 s/n 01720 © 2020 HydroCAD Software Solutions LLC

15 Temple Street Reading
Type III 24-hr Custom Rainfall=8.50"

Printed 6/6/2023

Page 6

Pond house infiltrators: stormtech sc-310



PROJECT NAME

Silva Residence

PROJECT ADDRESS

15 Temple Street
Reading, MA 01867

CLIENT

Tony & Lisa Silva

ARCHITECT

Project number 23000
Date 1/30/23
Drawn by WC
Checked by WC
Scale 1/8" = 1'-0"

REVISIONS

No.	Description	Date

Architectural Site Plan

A-020

Silva Residence

NOTE:

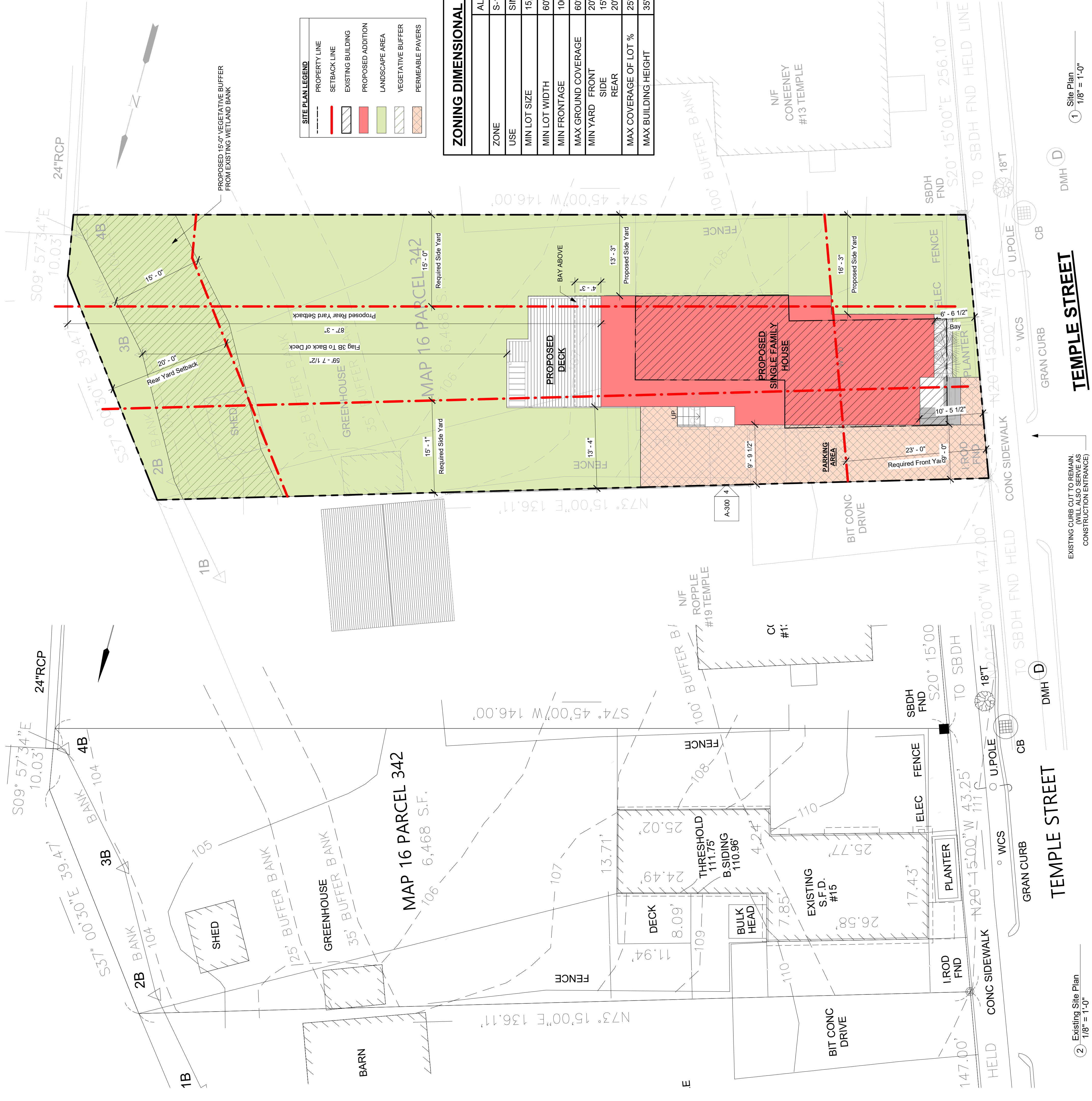
THIS PLAN IS FOR INFORMATIONAL AND ILLUSTRATIVE PURPOSES ONLY. THE PREPARER OF THIS PLAN SHALL NOT BE USED OR RELIED UPON IN ANY CIRCUMSTANCE. A CERTIFIED LAND SURVEYOR SHALL PROVIDE AN OFFICIAL CERTIFIED PLOT PLAN.

SITE PLAN LEGEND

	PROPERTY LINE
	SETBACK LINE
	EXISTING BUILDING
	PROPOSED ADDITION
	LANDSCAPE AREA
	VEGETATIVE BUFFER
	PERMEABLE PAVERS

ZONING DIMENSIONAL TABLE:

ZONE	ALLOWED / REQUIRED	EXISTING	PROPOSED	COMPLIANCE
S-15 DISTRICT	S-15 DISTRICT			
USE	SINGLE / TWO FAMILIES	SINGLE FAMILY	SINGLE FAMILY	COMPLIES
MIN LOT SIZE	15,000 SF	6,468 SF	6,468 SF	Existing Non Conforming
MIN LOT WIDTH	60'-0" MIN	43'-3"	43'-3"	Existing Non Conforming
MIN FRONTAGE	100'-0"	43'-3"	43'-3"	Existing Non Conforming
MAX GROUND COVERAGE	60%	28%	36%	COMPLIES
MIN YARD FRONT SIDE REAR	20'-0" 15'-0" 20'-0"	4'-7" 8'-10" (L) 9'-9" (R) 91'-11"	10'-5-1/2" / 6'-6-1/2" (Bay) 13'-2" (R) 13'-3" (R) 87'-3"	REQUIRES RELIEF
MAX COVERAGE OF LOT %	25%	12%	15%	COMPLIES
MAX BUILDING HEIGHT	35'-0" FEET / 2.5 STORIES	15'-0"	30'-10" / 2 STORIES	COMPLIES



Existing Site Plan
1/8" = 1'-0"

Site Plan
1/8" = 1'-0"

EXISTING CURB CUT TO REMAIN
CONSTRUCTION ENTRANCE

TEMPLE STREET

TEMPLE STREET

PROJECT NAME

Silva Residence

PROJECT ADDRESS
15 Temple Street
Reading, MA 01867

CLIENT

CLIENT
Tony & Lisa Silva

ARCHITECT

Project number 23000
Date 1/30/23
Drawn by WC
Checked by WC
Scale 1/4" = 1'-0"

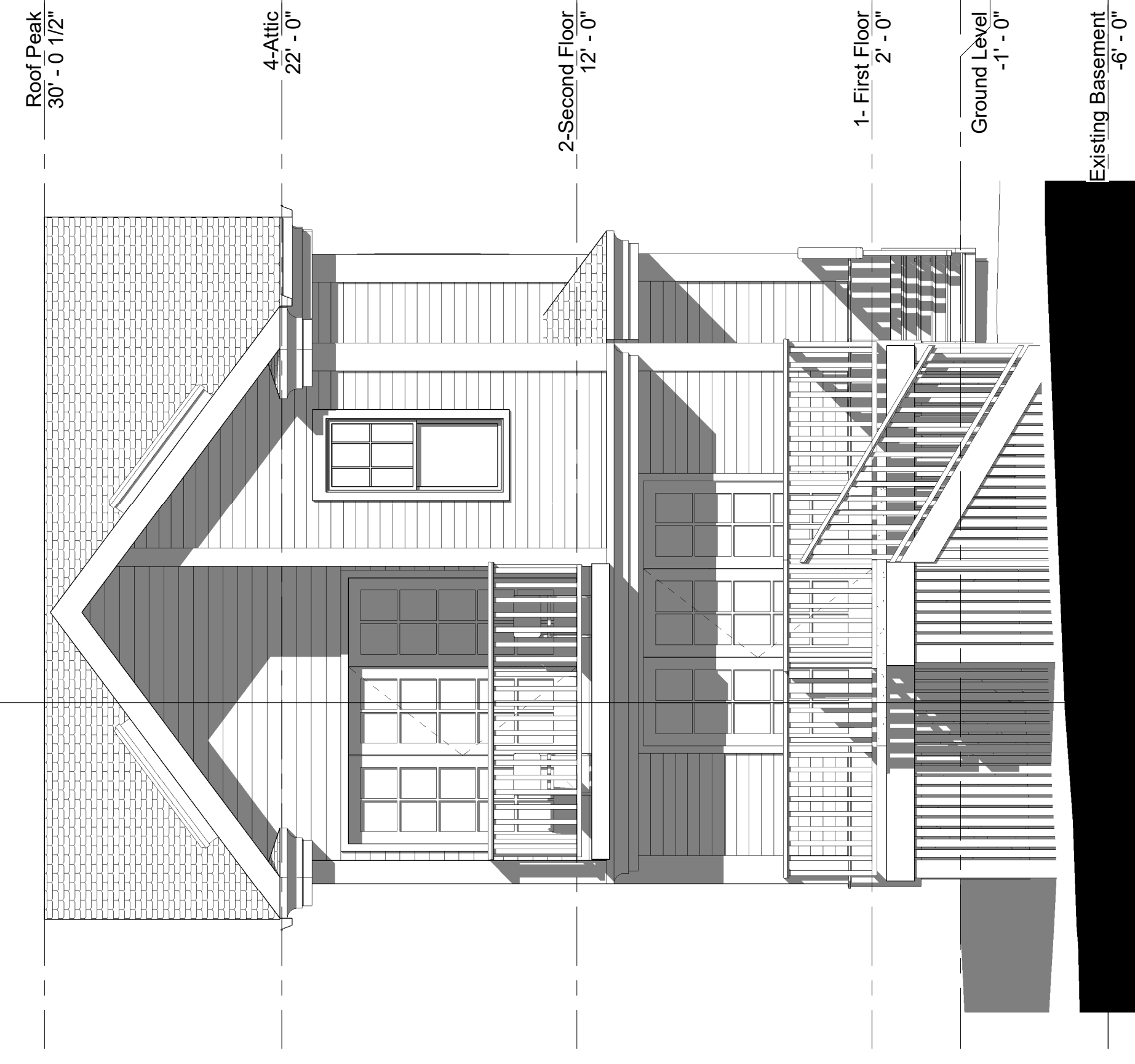
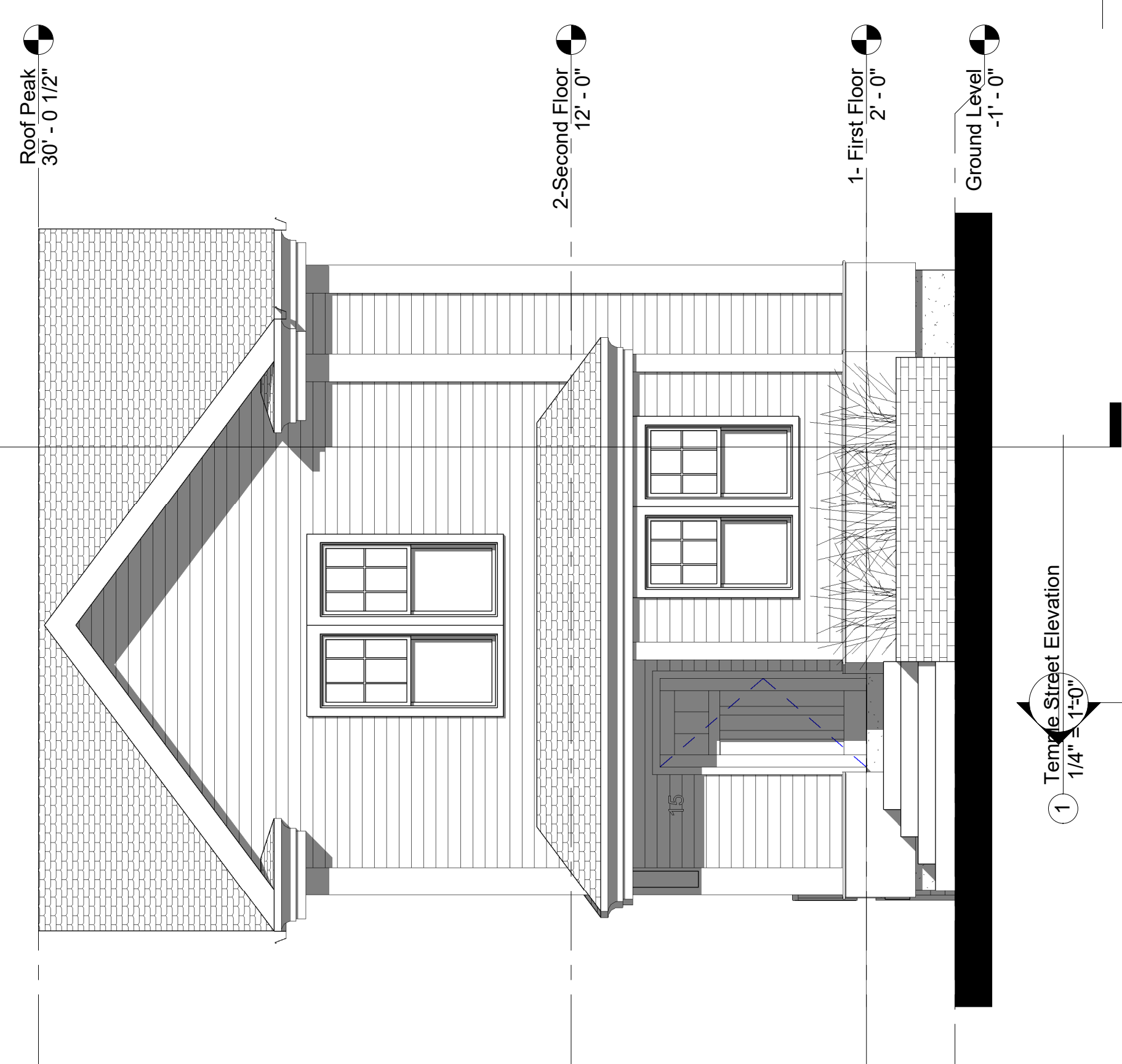
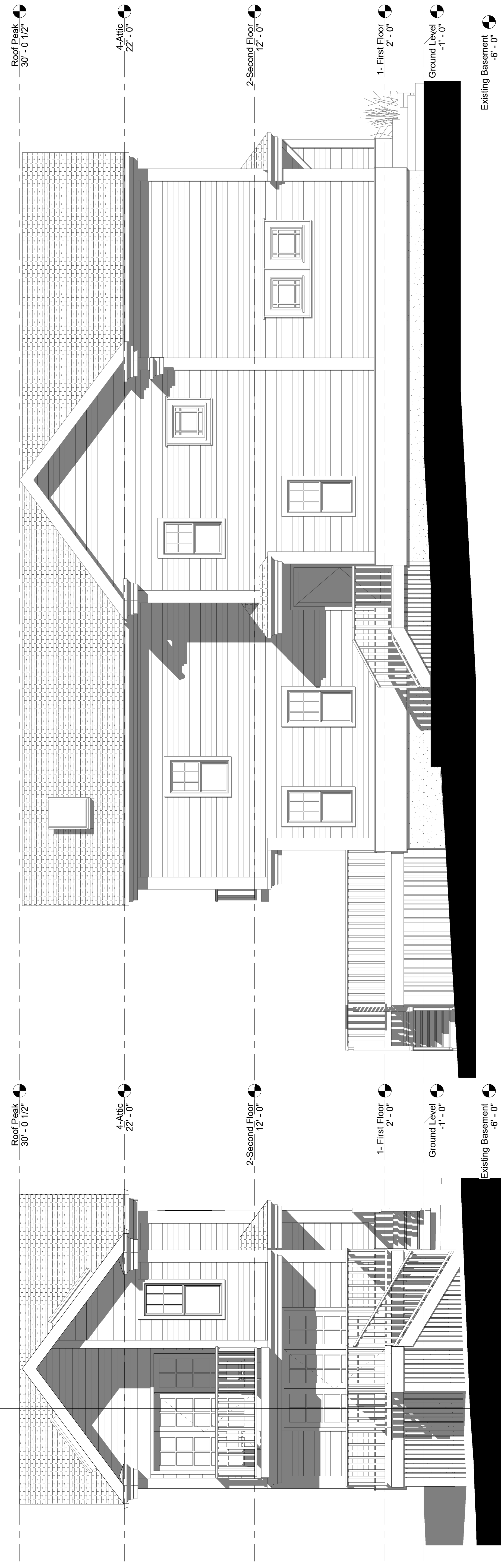
REVISIONS

No.	Description	Date

Exterior Elevations

A-300

Silva Residence





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:
 15 Temple St
 a. Street Address Reading
 b. City/Town
 c. Check number d. Fee amount

2. Applicant Mailing Address:
 Anthony Silva
 a. First Name b. Last Name
 c. Organization
 15 Temple St
 d. Mailing Address
 Reading MA 01867
 e. City/Town f. State g. Zip Code
 781-405-0529
 h. Phone Number i. Fax Number silva.tonysilva@gmail.com
 j. Email Address

3. Property Owner (if different):
 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

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

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.

Reading Wetlands Protection Bylaw Fee Calculation Form

Type of Activity	NOI Filing Fee	Calculated Fee
A. Each addition to or accessory use activity Associated with an existing single-family or Multi-family residential dwelling, including but not limited to driveways, sheds, swimming pools, athletic courts, additions to existing houses, grading, and landscaping	\$125.00 plus all applicable fees listed in lines F through K	
B. Each new single-family dwelling, including associated driveway, utilities, grading, landscaping, and drainage structures	\$600.00 plus all applicable fees listed in lines F through K	600
C. Each new multi-family dwelling	\$600.00 plus \$125.00 per unit located in any Resource Area or Buffer Zone, plus all applicable fees listed in lines F through K	
D. Each subdivision roadway, or other roadway, or driveway (other than for a single-family dwelling), and all associated drainage structures, utilities, grading, curbing, landscaping, and other associated work exclusive of dwellings	\$1,000.00 plus \$600.00 per house, plus all applicable fees listed in lines F through K	
E. Each commercial, industrial, institutional or other non-residential project	\$1,000.00 , plus all applicable fees listed in lines F through K	
F. Boundary delineation for any Resource Area	\$1.25 per linear foot of Resource Area boundary, up to a maximum of \$125 for a single-family lot and \$1,250 for any other lot.	75
G. Temporary and /or permanent alteration of land within the Buffer Zone	\$1.25 per square foot of Buffer Zone altered for any temporary or permanent alteration within 25 feet of a Resource Area or any permanent structure within 35 feet of a Resource Area	
H. Work in Floodplain	\$1.25 per square foot of Floodplain temporarily or permanently altered outside of any other Resource Area and Buffer Zone	
I. Work in Vernal Pool habitat	\$11.00 per square foot of Vernal Pool habitat temporarily or permanently altered.	
J. Work in Freshwater Wetland, Wet Meadow, Bog, Swamp, Marsh, Creek, River, Stream, Pond, Lake, Land Under Waterbody	\$11.00 per square foot of Resource Area temporarily or permanently altered	
K. Work in Bank	\$11.00 per linear foot of Bank temporarily or permanently altered	
	Total Fee Calculated	\$__675__

AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act, M.G.L., c.131, s.40 and Reading General Bylaws, Section 7.1

(To be submitted to the Conservation Commission when filing a Notice of Intent or Abbreviated Notice of Resource Area Delineation or Request for Determination of Applicability)

I, _____ (Name), hereby certify under the pains and penalties of perjury that on _____ (Date), I gave notification to abutters in compliance with the second paragraph of Massachusetts General Laws, c.131, s.40, and the **DEP Guide to Abutter Notification** dated April 8, 1994, and Reading General Bylaws, Section 7.1 in connection with the following matter:

(Check the applicable form.)

Notice of Intent

Abbreviated Notice of Resource Area Delineation

Request for Determination of Applicability

filed under M.G.L., c.131, s.40 and R.G.B., s.7.1 by

_____ (Applicant) with the Town of Reading

Conservation Commission on _____ (Date) for

property located at _____ (Location).

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



Name

8/20/2023

Date

TOWN OF READING
REQUEST FOR CERTIFIED ABUTTERS LIST



SUBJECT PROPERTY:

ADDRESS: 15 Temple St

Assessors' Map Number: 16 Lot Number: 342

APPLICANT/AGENT:

Name: Anthony Silva

Address: 15 Temple St

Telephone: 781-405-0529 Email: silva.tony.silva@gmail.com

Board or Commission for which this request is made (check all that are applicable):

Community Planning and Development Commission:

- Site Plan Review
- Special Permit
- Subdivision

Conservation Commission:

- Request for Determination
- Abbreviated Notice of Resource Area Delineation
- Notice of Intent 300ft

Zoning Board of Appeals:

- Appeal
- Special Permit 300ft
- Variance

- Building Department: Immediate Abutters**
- Health Department: Immediate Abutters**
- Historic District Commission**
- Historical Commission**
- Other:** _____

Brief description of request: Abutters list for mailing NOI notices

Applicant/Agent Signature: [Signature] Date: 7/10/2023

The Assessors' Office may require up to three weeks in order to process and approve this request.

Authorized Signature: Amanda Beatrice Date: 7/10/23
Must be signed by the Public Services Department

TOWN OF READING

REQUEST FOR CERTIFIED ABUTTERS LIST



SUBJECT PROPERTY:

ADDRESS: 15 Temple St

Assessors' Map Number: 16 Lot Number: 342

APPLICANT/AGENT:

Name: Anthony Silva

Address: 15 Temple St

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- Special Permit
- Subdivision

Conservation Commission:

- Request for Determination
- Abbreviated Notice of Resource Area Delineation
- Notice of Intent

Zoning Board of Appeals:

- Appeal
- Special Permit
- Variance

- Building Department: Immediate Abutters *★*
- Health Department: Immediate Abutters
- Historic District Commission
- Historical Commission
- Other: _____

Brief description of request: Abutters list for mailing NOI notices

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Authorized Signature: [Signature] Date: 7/10/23
Must be signed by the Public Services Department



**TOWN OF READING
16 LOWELL STREET
READING, MA 01867-2693**

**BOARD OF ASSESSORS
781-942-9027
FAX: 781-942-9037**

**ABUTTERS LIST
CERTIFICATION**

FOR BOARD OF ASSESSORS

VICTOR P. SANTANIELLO, CHIEF APPRAISER DATE


PHILIP CANNIFF, ASSISTANT APPRAISER

7/10/2023
DATE



**TOWN OF READING
16 LOWELL STREET
READING, MA 01867-2693**

**BOARD OF ASSESSORS
TEL.: 781-942-9027
FAX: 781-942-9037**

July 27, 2021

To whom it may concern;

In an effort to streamline our business practices and desire to decrease turnaround time for taxpayers and other municipal departments, please be advised that effective this date, we the Board of Assessors for the Town of Reading Hereby delegate to the Town Appraiser of the Assessing Department signatory authority of all certified abutter's lists as compiled by the department.

Sincerely,

Reading Board of Assessors


Cheryl Moschella


Michael E. Golden


Brendan Zarechian



Patriot Properties

Readina

Abutters List

07/10/2023

1:21:37PM

Filter Used: DataProperty.AccountNumber in
(2873,2929,2938,2941,2943,2945,2947,2949,2951,2953,2955,2957,2959,2961,2963,2965,2967,2969,2971,2973,2975,2977,2979,2980,2981,2982,2983,2984,2985,2986,2987,2988..

**Reading
Abutters List**

Subject Parcel ID: 15 TEMPLE ST REPORT

Subject Property Location:

ParcelID	Location	Owner	Co-Owner	Mailing Address	City	State	Zip
015.0-0000-0302.0	45 TEMPLE ST	TOWN OF READING	W S PARKER JR HIGH SCHC	45 TEMPLE ST	READING	MA	01867
016.0-0000-0123.0	38 TEMPLE ST	GALIZA FILIP M	GALIZA CAROLYN R	38 TEMPLE ST	READING	MA	01867
016.0-0000-0129.0	189 WOBURN ST	PEES JOHN	MITTELHOLZER TE	189-191 WOBURN ST	READING	MA	01867
016.0-0000-0197.0	16 TEMPLE ST	HAJJAJ RIMA A		16 TEMPLE ST	READING	MA	01867
016.0-0000-0198.0	10 TEMPLE ST	10 TEMPLE STREET LLC		7 GREY LANE	LYNNFIELD	MA	01940
016.0-0000-0199.0	183 WOBURN ST	KOTKIN ADAM		183 WOBURN STREET	READING	MA	01867
016.0-0000-0200.0	177 WOBURN ST	ALLEN THOMAS P		177 WOBURN ST	READING	MA	01867
016.0-0000-0201.0	13 TEMPLE ST	CONEENEY MARY F	CONEENEY ANNE F	13 TEMPLE STREET	READING	MA	01867
016.0-0000-0202.0	11 TEMPLE ST	LIPPITT PATRICIA A		11 TEMPLE STREET	READING	MA	01867
016.0-0000-0203.0	7 TEMPLE ST	CHU JONATHAN	IMPERATORE CORINNE	7 TEMPLE ST	READING	MA	01867
016.0-0000-0204.0	171 WOBURN ST	DIMITROV DIMITAR S TRSTEE ET F	CD DIMITROV FAMILY TRUS	171 WOBURN ST	READING	MA	01867
016.0-0000-0205.0	167 WOBURN ST	NELSON CLAIRE E	STEIN APRIL	167 WOBURN ST	READING	MA	01867
016.0-0000-0206.0	163 WOBURN ST	DALY JOHN J	MARY R DALY	163 WOBURN ST	READING	MA	01867
016.0-0000-0207.0	155 WOBURN ST	NIGRO JANICE C		649 MAIN ST	WAKEFIELD	MA	01880
016.0-0000-0208.0	151 WOBURN ST	RANALDI MARY GAIL TRUSTEE	151 WOBURN ST NOMINEE I	151 WOBURN ST	READING	MA	01867
016.0-0000-0332.0	18 TEMPLE ST	MURPHY ALLISON		18 TEMPLE STREET	READING	MA	01867
016.0-0000-0333.0	22 TEMPLE ST	BONGSANG KEITH	BONGSANG ERIN ROSE TE	22 TEMPLE ST	READING	MA	01867
016.0-0000-0334.0	36 TEMPLE ST	GORIANSKY JAN L TRUSTEE	JAN L GORIANSKY LIVING T	36 TEMPLE ST	READING	MA	01867
016.0-0000-0335.0	25 TEMPLE ST	TREIBICK JONATHAN	TREIBICK GEORGIA TE	25 TEMPLE ST	READING	MA	01867
016.0-0000-0336.0	33 TEMPLE ST	RYAN JOSEPH ALEXANDER III	RYAN KRISTEN MARIE	33 TEMPLE STREET	READING	MA	01867
016.0-0000-0337.0	37 TEMPLE ST	ERSHOW LEVENBERG MOLLY	ERSHOW LEVENBERG SAM	37 TEMPLE ST	READING	MA	01867
016.0-0000-0339.0	OFF TEMPLE ST	TOWN OF READING	SCHOOL	16 LOWELL ST	READING	MA	01867
016.0-0000-0340.0	23 TEMPLE ST	GRAPPI DANIEL	CARROLL MICHELLE	23 TEMPLE ST	READING	MA	01867
016.0-0000-0341.0	19 TEMPLE ST	ROPPE AMY E		19 TEMPLE ST	READING	MA	01867
016.0-0000-0342.0	15 TEMPLE ST	SILVA ANTHONY J		15 TEMPLE ST	READING	MA	01867
016.0-0000-0343.0	OFF TEMPLE ST	TOWN OF READING	SCHOOL	82 OAKLAND RD	READING	MA	01867
016.0-0701-0345.0	5 WASHINGTON ST A1	STEELE ERIC		5 WASHINGTON ST - APT #A	READING	MA	01867
016.0-0702-0345.0	5 WASHINGTON ST A2	AHERN PATRICIA A		5 WASHINGTON ST UNIT A-2	READING	MA	01867
016.0-0703-0345.0	5 WASHINGTON ST A3	MURPHY PAUL		16 HOWARD ST	READING	MA	01867
016.0-0704-0345.0	5 WASHINGTON ST A4	PAGLIUCA GINA MICHELLE		5 WASHINGTON STREET UN	READING	MA	01867
016.0-0705-0345.0	5 WASHINGTON ST A5	REILLY LIAM		5 WASHINGTON ST APT A5	READING	MA	01867
016.0-0706-0345.0	5 WASHINGTON ST A6	PRINCE DIANE MARIE		475 SCUDDER AVENUE	HYANNIS PORT	MA	02647
016.0-0707-0345.0	5 WASHINGTON ST A7	KANE BRANDON T		5 WASHINGTON ST UNIT A-7	READING	MA	01867
016.0-0708-0345.0	5 WASHINGTON ST A8	CASSIDY PAUL F TRUSTEE	WELLINGTON TRUST	5 WASHINGTON ST UNIT A-8	READING	MA	01867
016.0-0709-0345.0	5 WASHINGTON ST A9	SUMEDHA KULATUNGA	KUMARI P KULATUNGA (TE)	PO BOX 2364	WOBURN	MA	01801
016.0-0710-0345.0	5 WASHINGTON ST A10	MCAULIFFE ROBIN W		5 WASHINGTON ST APT #A1	READING	MA	01867
016.0-0711-0345.0	5 WASHINGTON ST B1	HAK DANICA T		PO BOX 3231	WOBURN	MA	01888
016.0-0712-0345.0	5 WASHINGTON ST B2	BORNSTEIN, MICHAEL D		5 WASHINGTON ST UNIT B2	READING	MA	01867
016.0-0713-0345.0	5 WASHINGTON ST B3	MELLO DANIEL J ETAL TRUSTEES	DANIEL J & CAROL A MELLC	14 STONEBURY WAY	TWICKSBURY	MA	01876

**Reading
Abutters List**

Subject Parcel ID: 15 TEMPLE ST REPORT

Subject Property Location:

ParcelID	Location	Owner	Co-Owner	Mailing Address	City	State	Zip
016.0-0714-0345.0	5 WASHINGTON ST B4	CZYZEWSKI JULIE C		7 PATRICK AVE	BILLERICA	MA	01821
016.0-0715-0345.0	5 WASHINGTON ST B5	PIERCE DAVID		5 WASHINGTON ST UNIT B5	READING	MA	01867
016.0-0716-0345.0	5 WASHINGTON ST B6	POWERS STEPHEN K	POWERS LISA M TE	5 WASHINGTON ST APT B6	READING	MA	01867
016.0-0717-0345.0	5 WASHINGTON ST B7	ANTHONY TONY		5 WASHINGTON STREE UNIT	READING	MA	01867
016.0-0718-0345.0	5 WASHINGTON ST B8	CRUSCO SHEILA M		5 WASHINGTON ST APT #B8	READING	MA	01867
016.0-0719-0345.0	5 WASHINGTON ST B9	WANG HUIBIN P	MA YOUSHENG	9 APACHE AVE	ANDOVER	MA	01810
016.0-0720-0345.0	5 WASHINGTON ST B10	MESSINA MATTHEW J		5 WASHINGTON ST #B-10	READING	MA	01867
016.0-0721-0345.0	5 WASHINGTON ST C1	PRINCE ROBERT A		5 WISSER ST	WILMINGTON	MA	01887
016.0-0722-0345.0	5 WASHINGTON ST C2	LAWRENCE JOSEPHINE A		5 WASHINGTON ST APT #C2	READING	MA	01867
016.0-0723-0345.0	5 WASHINGTON ST C3	G A INVESTMENTS LLC		17 LOCKELAND ROAD	WINCHESTER	MA	01890
016.0-0724-0345.0	5 WASHINGTON ST C4	PATIL NITIN		58 JILL'S WAY	TEWKSBURY	MA	01876
016.0-0725-0345.0	5 WASHINGTON ST C5	MARTEL MAUREEN		62 FLORENCE AVE	LOWELL	MA	01851-3013
016.0-0726-0345.0	5 WASHINGTON ST C6	EPSTEIN ALYSSA		5 WASHINGTON ST APT C6	READING	MA	01867
016.0-0727-0345.0	5 WASHINGTON ST C7	MARENGHI PROPERTIES LLC		44 EMERALD DR	READING	MA	01867
016.0-0728-0345.0	5 WASHINGTON ST C8	JONES MERIDITH A	JONES ALBERT D	5 WASHINGTON ST C-8	READING	MA	01867
016.0-0729-0345.0	5 WASHINGTON ST C9	DEB PROPERTIES LLC		186 COUNTY RD	READING	MA	01867
016.0-0730-0345.0	5 WASHINGTON ST C10	KLETT KAREN		5 WASHINGTON ST APT #C1	READING	MA	01867
016.0-0731-0345.0	5 WASHINGTON ST D1	CHEN KAYLA	CHEN IRENE	5 WASHINGTON STREET UN	READING	MA	01867
016.0-0732-0345.0	5 WASHINGTON ST D2	QUANZHONG GUO	FANG YAOXIN	134 BURLINGTON ST	LEXINGTON	MA	02420
016.0-0733-0345.0	5 WASHINGTON ST D3	PACINI ROBYN	CORSON JOSHUA TE	5 WASHINGTON STREET UN	READING	MA	01867
016.0-0734-0345.0	5 WASHINGTON ST D4	JUNG SUNG YUP	HYE WI SHIN TE	5 WASHINGTON STREET UN	READING	MA	01867
016.0-0735-0345.0	5 WASHINGTON ST D5	HUGHES DENNIS P ETAL TRUSTE	DENNIS AND CAROL HUGHE	72 VAN NORDEN ROAD	READING	MA	01867
016.0-0736-0345.0	5 WASHINGTON ST D6	PACINO PHILIP B TRUSTEE	PHILIP B PACINO REV TRUS	5 WASHINGTON ST UNIT D6	READING	MA	01867
016.0-0737-0345.0	5 WASHINGTON ST D7	WARD KAREN TRUSTEE	5 WASHINGTON ST REALTY	5 WASHINGTON ST D-7	READING	MA	01867
016.0-0738-0345.0	5 WASHINGTON ST D8	FISCHER CHRISTIANE TRUSTEE	SOPHIE DJE REALTY TRUST	375 SALEM STREET	WAKEFIELD	MA	01880
016.0-0739-0345.0	5 WASHINGTON ST D9	DORIGATTI ANNA M		5 WASHINGTON ST UNIT D9	READING	MA	01867
016.0-0740-0345.0	5 WASHINGTON ST D10	CALABRO JANET A TRUSTEE	JAC REALTY TRUST	5 WASHINGTON ST APT #D1	READING	MA	01867

Parcel Count: 66

End of Report