



September 19, 2022

Conservation Commission
Town of Wrentham
79 South Street
Wrentham, MA 02093

RE: Request for Negative #3 Determination of Applicability for 115 Lafayette Avenue in Wrentham, MA

Dear Agent and Members of the Commission,

Strong Point Engineering Solutions, Inc. is pleased to submit this Request for Determination of Applicability (RDA) on behalf of our client, Mr. & Mrs. David and Joyce Wallace, for the above-referenced property. The project involves re-grading the rear yard of an approved single-family house, which is currently being constructed. The re-grading is necessary to ensure a useable and safe backyard for the homeowners on a very steeply sloped site. This RDA is being filed requesting a Negative #3 Determination of Applicability from the Wrentham Conservation Commission for the proposed work.

The subject lot varies in elevation from 233± ft. to 199± ft., with the high point at the lot's southeast corner and the low point forming a bowl shape at the southwest corner. A portion of the property is located within an area identified as Buffer Zone to Bordering Vegetated Wetland (BVW) by the Wetland Protection Bylaw and Regulations of the Town of Wrentham. The boundaries of the BVW are fully outside the property lines of 115 Lafayette Avenue, and the BVW is located uphill of the proposed work area. Approximately one quarter (1/4) of the site is located within the 100 ft. BVW buffer zone. The proposed re-grading will have a footprint of 2,030± sq. ft. within the 100 ft. BVW buffer.

The proposed work shown on the attached plan shall occur fully outside of the BVW and the 50 ft. No-Touch BVW buffer. The 206 ft. elevation contour will be extended to the south for a more level yard area. The slope will then be regraded to a consistent 3:1 grade to the southwest. No new impervious surfaces are proposed as part of the site work. Proper erosion controls will be established outside of the 50 ft. BVW buffer to ensure that site work does not infringe upon the wetland resource areas offsite. The BVW is located uphill of the work area, so the proposed work is not anticipated to pose a risk of sedimentation to the wetland or 50 ft. BVW buffer. All proposed site work shall occur in previously disturbed existing lawn area, and no portion of the existing treeline will be altered.

It is the opinion of this office that the proposed work will have no adverse impacts on the wetland resource areas on the site. The grading is necessary to fill a large depression in the yard that would otherwise result in a reduced useable yard area. All disturbances will be located outside of the 50 ft. No-Touch BVW buffer and shall be limited in scope to the minimum extent practicable. No new impervious surfaces are proposed as part of the project. We respectfully request that this application for a Negative #3 Determination of Applicability be heard at the next available hearing of the Conservation Commission.

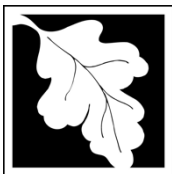
If you have any questions or require further information, please feel free to contact the office at your earliest convenience at (508) 682-0229.

Kind Regards,

Eric Dias, P.E.
President/Owner
Attachments

ATTACHMENT 1

**MASSDEP—WPA FORM 1
REQUEST FOR DETERMINATION OF
APPLICABILITY**



Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

Wrentham

City/Town

WPA Form 1- Request for Determination of Applicability

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

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.



1. Applicant:

David & Joyce Wallace

Name

joyce.wallace@comcast.net

E-Mail Address

115 Lafayette Avenue

Mailing Address

Wrentham

City/Town

MA

State

02093

Zip Code

(774) 571-0374

Phone Number

N/A

Fax Number (if applicable)

2. Representative (if any):

Strong Point Engineering Solutions, Inc.

Firm

Eric Dias, P.E.

Contact Name

edias@strongpointengineering.com

E-Mail Address

340 Manley Street, Unit 2

Mailing Address

West Bridgewater

City/Town

MA

State

02379

Zip Code

(508) 682-0229

Phone Number

N/A

Fax Number (if applicable)

B. Determinations

1. I request the Wrentham Con. Com. Conservation Commission make the following determination(s). Check any that apply:

- a. whether the area depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
b. whether the boundaries of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
c. whether the work depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any municipal wetlands ordinance or bylaw of:

Town of Wrentham

Name of Municipality

- e. whether the following scope of alternatives is adequate for work in the Riverfront Area as depicted on referenced plan(s).



WPA Form 1- Request for Determination of Applicability

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

C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

115 Lafayette Avenue

Street Address

Wrentham

City/Town

Map K-12

Assessors Map/Plat Number

Lot 5-24

Parcel/Lot Number

- b. Area Description (use additional paper, if necessary):

Single-family lot measuring 0.57± acres within an approved 92-unit residential subdivision. Lot 24 is comprised of partially forested upland with areas of BVW buffer zone to the south. BVW is located fully offsite to the south. Site is steeply sloped toward the southwest with a 34± ft. elevation change. Previous subdivision plans depicted erosion controls within portions of the 50-100 ft. BVW Buffer.

- c. Plan and/or Map Reference(s):

RDA for 115 Lafayette Avenue--RDA & Erosion Control Plan

Title

9/14/2022

Date

Title

Date

Title

Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

Proposed work is an extension to the previous subdivision limit of work within portions of the 50-100 ft. BVW buffer zone. Approx. 2,030± sq. ft. of re-grading is necessary to fill a large depression in the yard that would otherwise result in a reduced useable yard area. All disturbances will be located outside of the 50 ft. No-Touch BVW buffer and shall be limited in scope to the minimum extent practicable. No new impervious surfaces are proposed as part of the work. See attached cover letter.



WPA Form 1- Request for Determination of Applicability

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

C. Project Description (cont.)

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

No work is proposed within the BVW or within the 50 ft. No Touch BVW buffer. All re-grading will be located on previously disturbed lawn areas and will be 62± feet away from the BVW boundary. All proposed work complies with the "Burden of Proof" of Massachusetts 310 CMR 10.03(a).

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- Single family house on a lot recorded on or before 8/1/96
- Single family house on a lot recorded after 8/1/96
- Expansion of an existing structure on a lot recorded after 8/1/96
- Project, other than a single-family house or public project, where the applicant owned the lot before 8/7/96
- New agriculture or aquaculture project
- Public project where funds were appropriated prior to 8/7/96
- Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- Residential subdivision; institutional, industrial, or commercial project
- Municipal project
- District, county, state, or federal government project
- Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



WPA Form 1- Request for Determination of Applicability

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

D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

David & Joyce Wallace

Name

115 Lafayette Avenue

Mailing Address

Wrentham

City/Town

MA

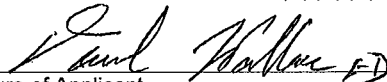
State

02093

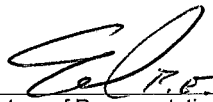
Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.


Signature of Applicant

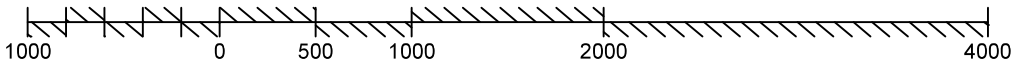
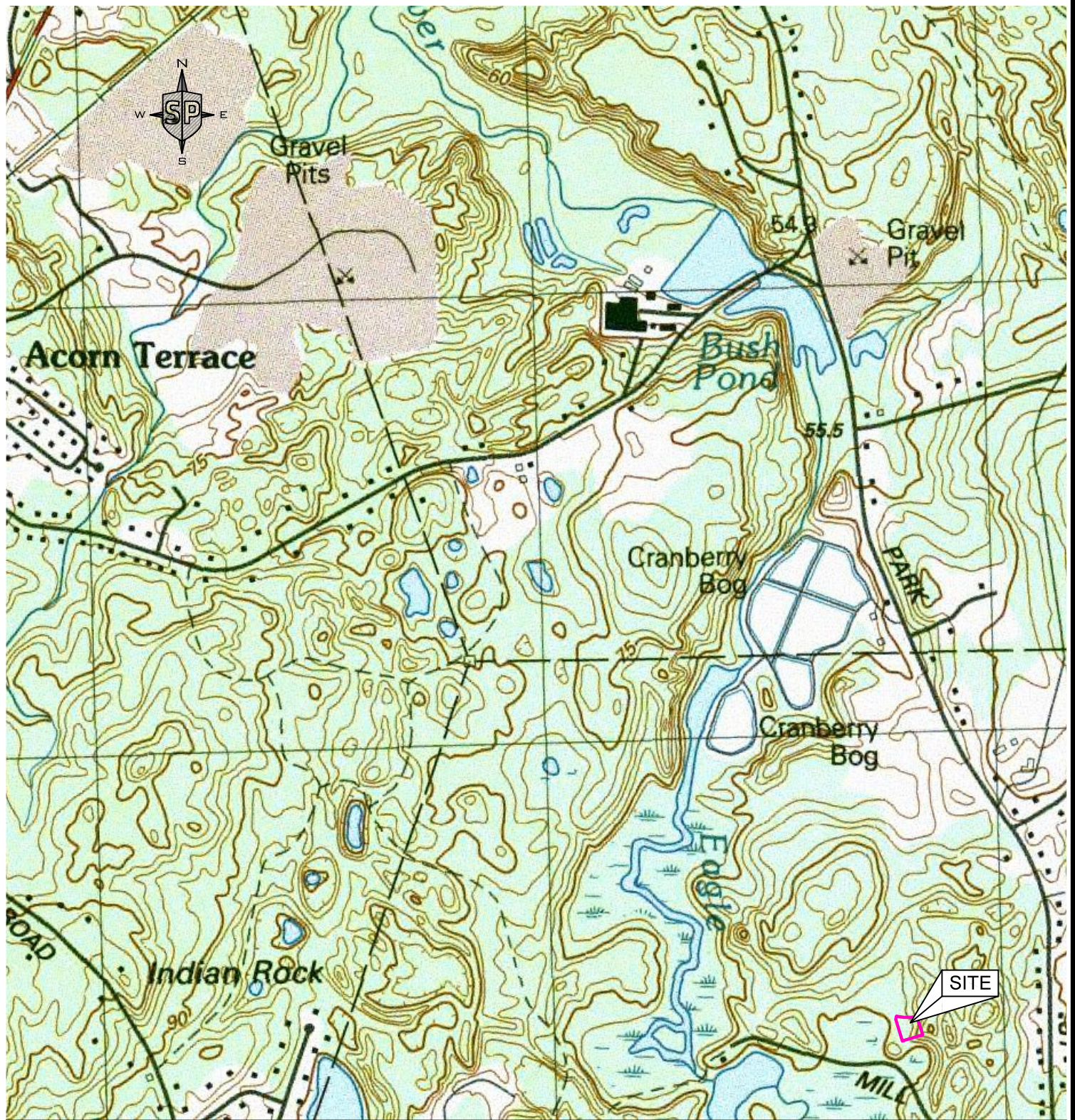
9-14-22
Date


Signature of Representative (if any)

9/14/22
Date

ATTACHMENT 2

SITE FIGURES & FEMA FIRMETTE MAP



GRAPHICAL SCALE: 1" = 1000'

USGS
LOCUS
MAP

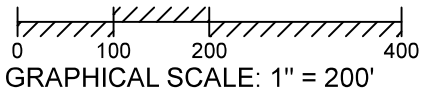
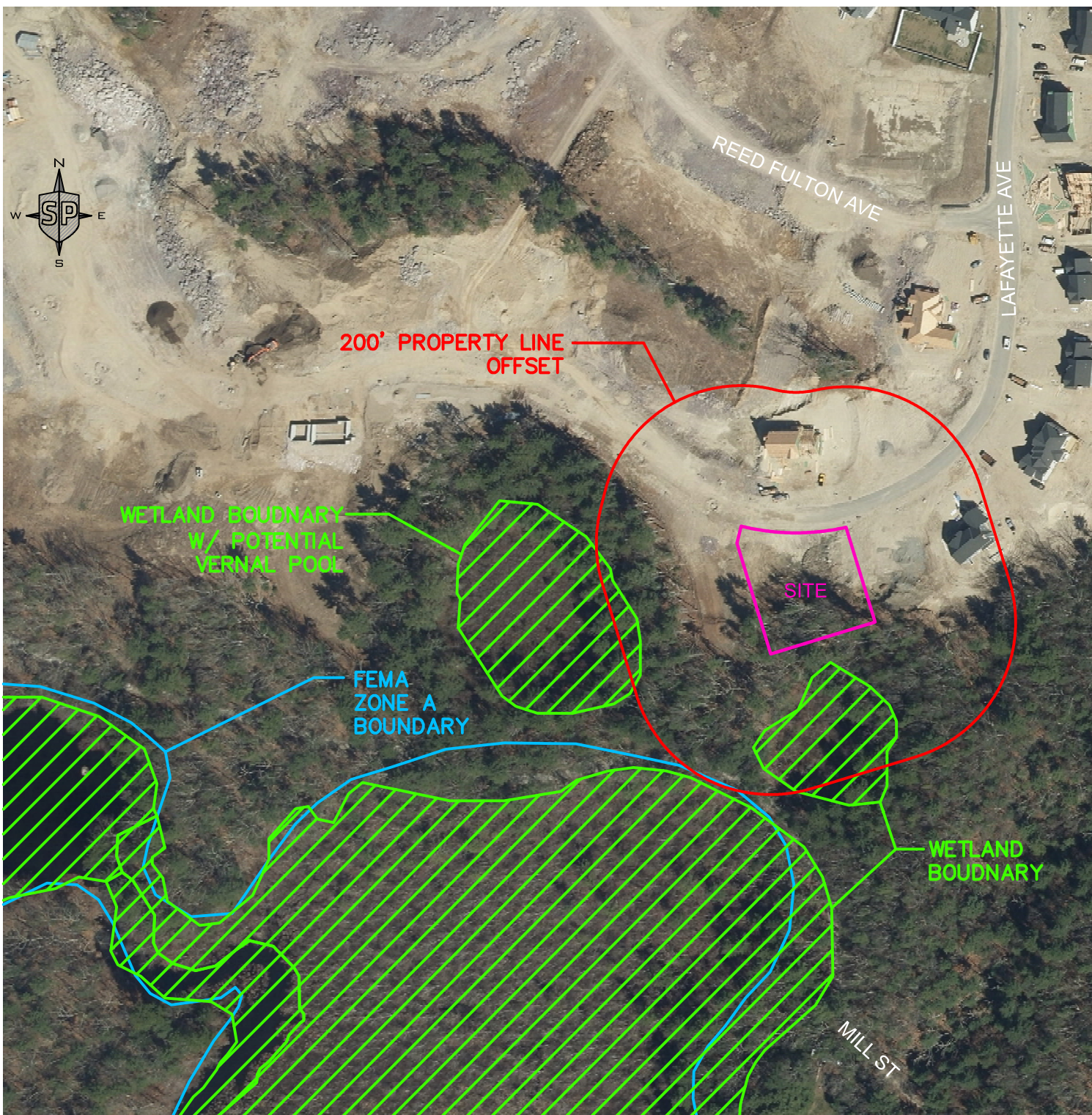
STRONGPOINT
ENGINEERING SOLUTIONS, INC
340 MANLEY STREET, UNIT 2
WEST BRIDGEWATER, MA 02379
(508) 682-0229

FIG-1

PROJECT: 2208-007
DATE: 09/14/2022
REV DATE: N/A
SCALE: 1"=1,000'
DRAFTED BY: MH
CHECKED BY: ED

PREPARED ON BEHALF OF:
DAVID AND JOYCE WALLACE
115 LAFAYETTE AVE
WRENTHAM, MASSACHUSETTS 02093

REQUEST FOR DETERMINATION
OF APPLICABILITY



NOTE:
 INFORMATION PRESENTED HERE TAKEN FROM MASSGIS ONLINE DATABASE AND SHOULD BE CONSIDERED APPROXIMATE IN NATURE. SITE LOCUS FALLS WITHIN A DEP APPROVED ZONE II WELLHEAD PROTECTION DISTRICT.

AERIAL PHOTOGRAPH

STRONGPOINT
 ENGINEERING SOLUTIONS, INC
 340 MANLEY STREET, UNIT 2
 WEST BRIDGEWATER, MA 02379
 (508) 682-0229

FIG-2

PROJECT: 2208-007
09/14/2022
REV DATE: N/A
SCALE: 1"=200'
DRAFTED BY: MH
CHECKED BY: ED

PREPARED ON BEHALF OF:
DAVID AND JOYCE WALLACE
 115 LAFAYETTE AVE
 WRENTHAM, MASSACHUSETTS 02093

REQUEST FOR DETERMINATION OF APPLICABILITY

National Flood Hazard Layer FIRMette



71°21'9"W 42°5'9"N



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

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

71°20'32"W 42°4'42"N

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
MAP PANELS		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 **9/15/2022 at 8:16 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.

ATTACHMENT 3

TOWN OF WRENTHAM—LOCAL FILING FEE

2056

Strong Point Engineering Solutions

340 Manley ST Unit 2
West Bridgewater, MA 02379

DATE Sept 16, 2022 53-7146/2113

PAY TO THE ORDER OF Town of Wrentham

\$ 85.00

\$ Eighty-Five and 00/100

DOLLARS

Security Features
Included
Details on Back



**NORTH EASTON
SAVINGS BANK**

ESTABLISHED 1864
"YOUR FAMILY FINANCIAL SERVICE CENTER"™

FOR SP# 2208-007: 115 Lafayette RDA

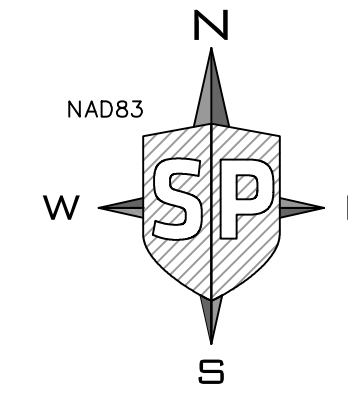
MP

⑈002056⑈

ATTACHMENT 4

RDA PLAN

Lafayette Avenue



NOTES

- BOUNDARY AND EXISTING CONDITIONS SHOWN ARE THE RESULT OF A SURVEY PERFORMED BY KLIM LAND SURVEYING, INC. IN SEPTEMBER 2022.
- WETLAND LINE AND WETLAND FLAGS SHOWN HERE TAKEN FROM PLAN SUBSURFACE SEWAGE DISPOSAL SYSTEM NEW CONSTRUCTION #115 LAFAYETTE AVE FROM OHI ENGINEERING INC. IN JANUARY 28, 2021.
- SITE IS LOCATED IN A R-43 RESIDENTIAL ZONING DISTRICT.
- SITE IS LOCATED WITHIN A DEP APPROVED WELLHEAD PROTECTION AREA (ZONE II).
- THE SITE DOES NOT FALL WITHIN A SPECIAL FLOOD HAZARD ZONE AS DEPICTED IN FIRM PANEL NUMBER 25021C0323E EFFECTIVE JULY 17, 2012.
- THE SITE DOES NOT FALL WITHIN A PRIORITY HABITAT FOR RARE SPECIES PER THE NATURAL HERITAGE ENDANGERED SPECIES (NHESP) ATLAS.
- SITE DOES NOT CONTAIN ANY CERTIFIED OR POTENTIAL VERNAL POOL AS MAPPED BY MANHESP.
- SITE DOES NOT FALL WITHIN AN ESTIMATED PRIORITY HABITAT FOR RARE OR ENDANGERED SPECIES PER THE NATURAL HERITAGE ENDANGERED SPECIES ATLAS.
- SITE IS NOT LOCATED WITHIN AN AREA OF CRITICAL ENVIRONMENTAL CONCERN.
- SITE IS NOT LOCATED WITHIN A 200' RIVERFRONT AREA.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATIONS/AND OR ELEVATIONS OF EXISTING UTILITIES AND STRUCTURES SHOWN ON THESE PLANS ARE BASED ON THE RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT NOR COMPLETE. THE LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- VERTICAL DATUM IS NAVD 88.

EROSION CONTROL AND STABILIZATION SCHEDULE
 THE CONSTRUCTION SUPERVISOR WILL INSPECT ALL EROSION CONTROL DEVICES AND LIMIT-OF-WORK FENCES DAILY AND, IF NEEDED, HAVE THEM REPAIRED WITHIN 12 HOURS.

PRIOR TO ANY WORK:

- REVIEW APPROVED PLANS AND ORDER OF CONDITIONS IF ANY WITH CONSTRUCTION SUPERVISOR.
- PLACE EROSION CONTROLS AND LIMIT OF WORK/ORANGE SNOW FENCE. ONCE DONE, CALL ENGINEER BEFORE WORK BEGINS.

INITIAL WORK:

- PERFORM GRUBBING NECESSARY FOR RE-GRADING.
- STRIP AND STOCKPILE LOAM.
- PERFORM EARTHWORK CUTS AND FILLS.

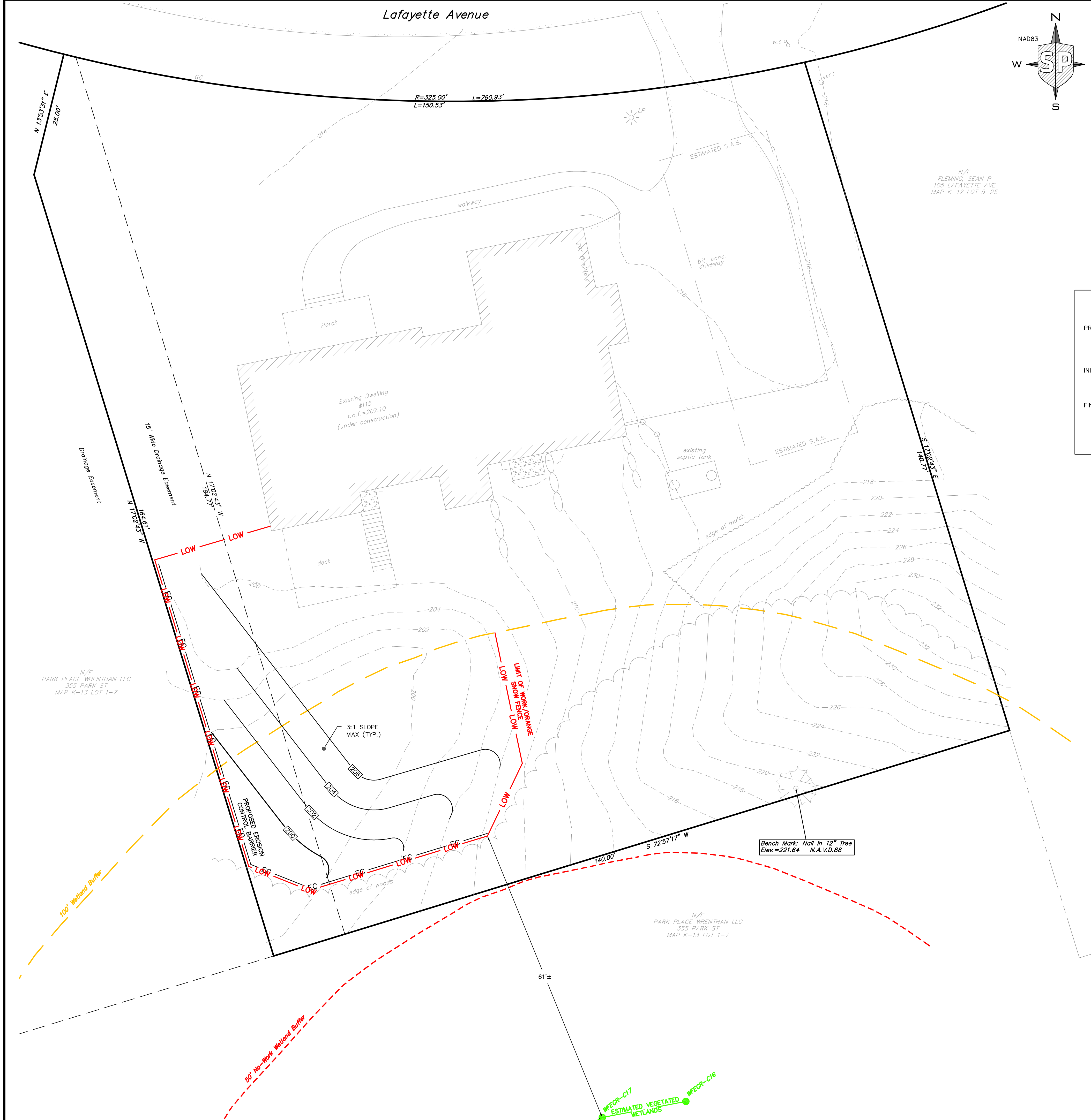
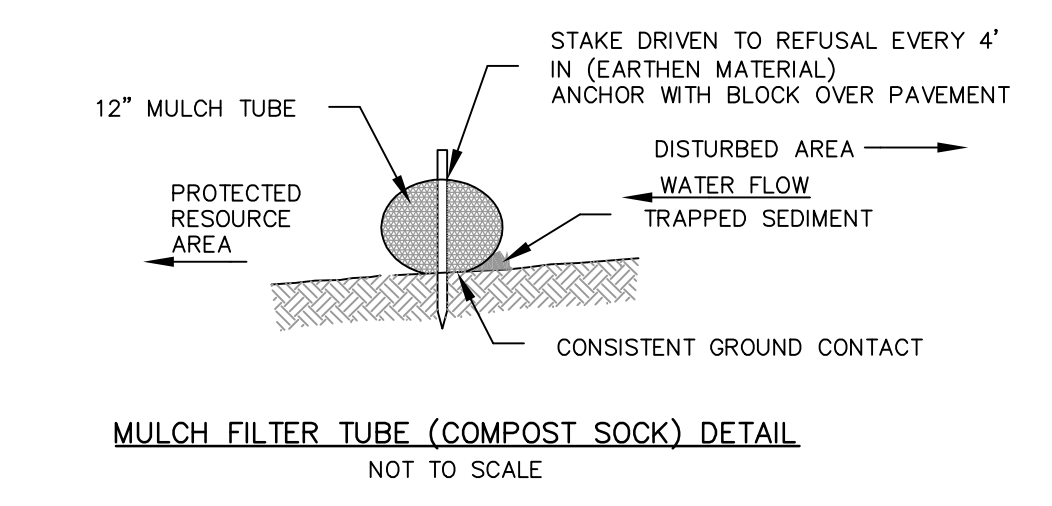
FINAL GRADES:

- ONCE GRADES ARE FINAL, HAVE THE ENGINEER CHECK. IF OK, STABILIZE HOW IT IS SHOWN OF THE FINAL, APPROVED PLAN.
- HYDROSEED THE SLOPE IMMEDIATELY AFTER COMPLETION OF SITE WORK. MAINTAIN APPROPRIATE STABILIZATION PRACTICES OVER THE AREA UNTIL HYDROSEEDING OCCURS. IF OUT OF GROWING SEASON, WOOD CHIPS SHALL BE USED FOR GROUND STABILIZATION UNTIL THE GROWING SEASON BEGINS.

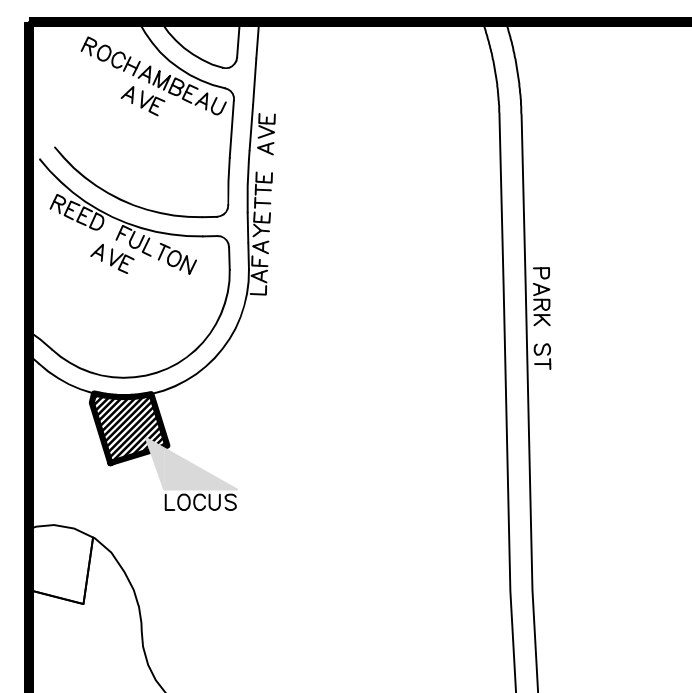
PROPOSED ALTERATIONS

DISTANCE BETWEEN WORK NEAREST TO BORDERING WETLANDS: 62 FT±
 ALTERATION WITHIN 50-100 FEET OF ALL RESOURCE AREAS: 2,030 SF±
 LENGTH OF EROSION CONTROL BARRIER: 115 FT
 LENGTH OF LIMIT OF WORK/ORANGE SNOW FENCE: 180 FT

- EXISTING FEATURES**
- PROPERTY LINE
 - ADJUTERS PROPERTY LINE
 - DRAINAGE EASEMENT
 - BUILDING
 - EDGE OF PAVEMENT
 - VEGETATED WETLANDS
 - 50' NO-WORK WETLAND BUFFER
 - 100' WETLAND BUFFER
 - INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - TREE LINE
- PROPOSED FEATURES**
- INDEX CONTOUR
 - INTERMEDIATE CONTOUR
 - EC - EROSION CONTROL
 - LOW - LIMIT OF WORK/ORANGE SNOW FENCE



PROFESSIONAL ENGINEER FOR
 STRONG POINT ENGINEERING SOLUTIONS, INC



REV	DESCRIPTION	DATE



PROJECT NUMBER: 2208-007
 DATE OF ISSUE: SEPTEMBER 19, 2022
 SCALE: AS NOTED
 DESIGNED BY: MH CHECKED BY: ED

PREPARED ON BEHALF OF:
DAVID AND JOYCE WALLACE
 115 LAFAYETTE AVE
 WRENTHAM, MASSACHUSETTS 02093

REQUEST FOR DETERMINATION OF APPLICABILITY FOR 115 LAFAYETTE AVE WRENTHAM, MA

PROPOSED GRADING PLAN **RDA-1**

