

**NOTICE OF INTENT
WPA Form 3**

for

**RALPH D. BUTLER ELEMENTARY SCHOOL
PATRICK CLARK DRIVE
PARKING IMPROVEMENT PLAN**

in

AVON, MASSACHUSETTS

JUNE 18, 2020

Prepared by
GCG ASSOCIATES, INC.
84 Main Street, Wilmington, MA 01887

TABLE OF CONTENTS

WPA Form 3 – Notice of Intent
NOI Wetland Fee Transmittal Form

Attachment #1: Project Information

- Project Summary
- USGS Locus Map

Attachment #2 Project Abutter Information

- Notification to Abutters
- Certified List of Abutters – 300'

Attachment #3: Project Maps

- FEMA Flood Map 25021C0381E, eff. 7/17/2012
- August 2017 Natural Heritage & Endangered Species (NHESP) map

Attachment #4: Wetlands Report

- Wetlands Report

Included Separately

- **Site Plan Set:**

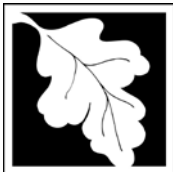
Ralph D. Butler Elementary School, Patrick Clark Drive, Avon, Massachusetts, Parking Improvement Plans

Dated: June 18, 2020 By: GCG Associates, Inc., Plan Sheets 1 thru 9.

- **Stormwater Management Report:**

Ralph D. Butler Elementary School, Patrick Clark Drive, Parking Improvement Plan in Avon, Massachusetts

Dated: June 18, 2020 By: GCG Associates, Inc.,



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 – Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

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):

<u>Patrick Clark Drive</u>	<u>Avon</u>	<u>02322</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:		
<u>42.07.00 N</u>	<u>71.02.40</u>	
d. Latitude	e. Longitude	
<u>C3-2</u>	<u>15</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Christine</u>	<u>Godino, Superintendent of Schools</u>	
a. First Name	b. Last Name	
<u>Avon Public Schools</u>		
c. Organization		
<u>Central Office, Patrick Clark Drive</u>		
d. Street Address		
<u>Avon</u>	<u>MA</u>	<u>02322</u>
e. City/Town	f. State	g. Zip Code
<u>508-588-0230</u>		
h. Phone Number	i. Fax Number	j. Email Address

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

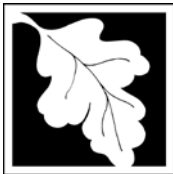
<u></u>	<u></u>	
a. First Name	b. Last Name	
<u></u>		
c. Organization		
<u></u>		
d. Street Address		
<u></u>	<u></u>	<u></u>
e. City/Town	f. State	g. Zip Code
<u></u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Michael</u>	<u>Carter</u>	
a. First Name	b. Last Name	
<u>GCG Associates, Inc.</u>		
c. Company		
<u>84 Main Street</u>		
d. Street Address		
<u>Wilmington</u>	<u>MA</u>	<u>01887</u>
e. City/Town	f. State	g. Zip Code
<u>978-657-9714</u>	<u>mike.carter@gcgassociates.net</u>	
h. Phone Number	i. Fax Number	j. Email address

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

<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

A. General Information (continued)

6. General Project Description:

Reconstruct and expand existing parking with new driveway to improve traffic flow in and out of the school. Construct two new infiltration basins with sediment forbays to mitigate the additional impervious area.

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

- 1. Single Family Home
- 2. Residential Subdivision
- 3. Commercial/Industrial
- 4. Dock/Pier
- 5. Utilities
- 6. Coastal engineering Structure
- 7. Agriculture (e.g., cranberries, forestry)
- 8. Transportation
- 9. Other

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

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

2. Limited Project Type

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

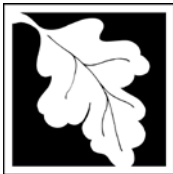
8. Property recorded at the Registry of Deeds for:

Norfolk	69594
a. County	b. Certificate # (if registered land)
_____	_____
c. Book	d. Page Number

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

- 1. 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.
- 2. 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.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 3 – Notice of Intent
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

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.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
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 _____	

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
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:

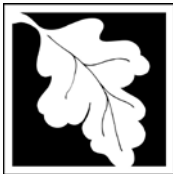
_____	_____	_____
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.

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.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

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

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

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

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	_____	
	1. square feet	

	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	_____	_____
	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	_____	_____
	1. square feet	2. cubic yards dune nourishment

	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	_____	
	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	_____	
	1. square feet	
h. <input type="checkbox"/> Salt Marshes	_____	_____
	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	_____	
	1. square feet	

	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	_____	
	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	

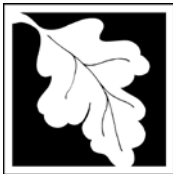
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	_____	
	1. square feet	

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

_____	_____
a. square feet of BVW	b. square feet of Salt Marsh

5. Project Involves Stream Crossings

_____	_____
a. number of new stream crossings	b. number of replacement stream crossings



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

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**

August 1, 2017
b. Date of map

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

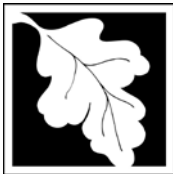
c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:
 - (a) within wetland Resource Area _____ percentage/acreage
 - (b) outside Resource Area _____ percentage/acreage
2. Assessor's Map or right-of-way plan of site

2. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **
 - (a) Project description (including description of impacts outside of wetland resource area & buffer zone)
 - (b) Photographs representative of the site

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

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



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

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

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

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

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

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

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

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

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

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

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

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

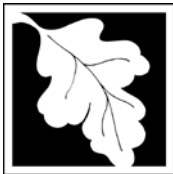
South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: DMF.EnvReview-South@state.ma.us

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

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



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:
MassDEP File Number
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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.

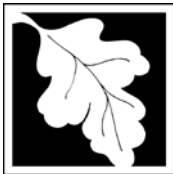
D. Additional Information

- 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

WPA Form 3 – Notice of Intent

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

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Document Transaction Number

City/Town

D. Additional Information (cont'd)

3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. List the titles and dates for all plans and other materials submitted with this NOI.

Ralph D. Butler Elementary School, 1 Patrick Clark Drive, Avon, Massachusetts, Parking Improvement Plan, dated June 18, 2020.

GCG Associates, Inc.

b. Prepared By

Michael J. Carter, P.E.

c. Signed and Stamped by

1"=30'

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:

EXEMPT

2. Municipal Check Number

3. Check date

EXEMPT

4. State Check Number

5. Check date

EXEMPT

6. Payor name on check: First Name

7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

City/Town

F. Signatures and Submittal Requirements

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

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

Christine Godino
1. Signature of Applicant
Christine Godino, Superintendent
Avon Public Schools

6/15/2020
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.



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:

Patrick Clark Drive	Avon
a. Street Address	b. City/Town
N/A	0.00
c. Check number	d. Fee amount

2. Applicant Mailing Address:

Christine	Godino, Superintendent of Schools	
a. First Name	b. Last Name	
Avon Public Schools		
c. Organization		
Central Office, Patrick Clark Drive		
d. Mailing Address		
Avon	MA	02322
e. City/Town	f. State	g. Zip Code
508-588-0230		
h. Phone Number	i. Fax Number	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

B. Fees

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

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

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

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

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

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

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

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



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

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee: _____
 a. Total Fee from Step 5

State share of filing Fee: _____
 b. 1/2 Total Fee **less** \$12.50

City/Town share of filing Fee: _____
 c. 1/2 Total Fee **plus** \$12.50

C. Submittal Requirements

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

Department of Environmental Protection
 Box 4062
 Boston, MA 02211

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

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

Attachment #1 – Project Information

BUTLER ELEMENTARY SCHOOL PATRICK CLARK DRIVE PARKING IMPROVEMENT PLAN

Existing Site

The existing site is the location of the Butler Elementary School and two small administration buildings and is located at Patrick Clark Drive in Avon, Massachusetts. The property is identified on the Assessors Map C3-2 Lot 15, consists of 28.3 Acres and owned by the Town of Avon. The property contains a paved driveway with a drop-off area and has 68 marked parking spaces. An existing tennis court is also used for additional parking. The property slopes from South street and partially drains easterly towards the existing wetlands and partially drains westerly towards the existing headwall.

The site has an existing on-site storm drain system. There is a catch basin in the east side parking area and it is connected in a series of additional catch basins and then discharges to a head wall in the west side of the site.

There is a septic system in the rear of the building and the site is serviced by the municipal water system.

In 2019 the Town of Avon acquired the 144 and 156 South Street properties. The properties were owned by a single entity and is the site of an old unused church and accessory building. The property contains a driveway and parking lot. The property slopes from South Street and onto the Butler Elementary School property. The property contains no visible drainage structures.

The total area of all three properties is 29.43 acres. Refer to the attached USGS Topographic Map and the Cover Sheet of the drawings for project location.

Proposed Work

The Avon Public School District is submitting plans and supporting documents for a proposed parking lot improvement project. The project will include a revised driveway, parking area, sidewalks and curbing. The new design will improve school bus access and add 101 additional marked parking spaces. The 144 and 156 South Street properties will be used for an additional driveway that will improve traffic flow for parents and safety for the students. The existing church and driveway will be demolished.

The project will add an additional 25750+/- S.F. of impervious area. The increased stormwater runoff will be directed into 2 separate infiltration basins. Both basins have two forebays in series for water quality improvement prior to discharging in the basins. The catch basin on the east side of the parking will be converted to a drain manhole and an inlet pipe will be added as an overflow for Infiltration Basin 3. A water quality device will be added to the existing drain line as the last drain structure prior to discharging out the headwall. There will be a decrease in the stormwater peak flow and volume that flows offsite.

All disturbed areas will be restored the existing conditions. After the site has stabilized the erosion controls will be removed. It is expected that construction will be completed within 90 days after commencing.

Erosion Control Methods

Sediment barriers consisting of mulch sock filter tubes and silt fence are to be installed at the work perimeter prior to commencement of work to protect all water bodies and resource areas from sediment and erosion. A crushed stone construction vehicle entrance will be constructed. Silt sacks will be installed in catch basins on-site and in South Street are proposed during the construction period.

Resource Areas

There is a Bordering Vegetated Wetland (BVW) resource area located on the westerly portion of the property and has been taken from plans titled "Parking Improvement Plan for the Ralph D. Butler Elementary School", dated September 11, 2007 and last revised on August 22, 2013. There is an intermittent stream in the southeast corner of the property that starts at a stormwater headwall and flows off the property and eventually into the Searles Brook.

The subject parcel is located in "Zone X – Area of Minimal Flood Hazard" per FIRM panel 25021C0381E, effective date 7/17/2012. FIRMette attached.

There is no NHESP estimated habitat for rare wildlife located in this property, see attached Title 5 Buffers map.

Conclusion

There is a decrease in the stormwater peak flow and volume and an increase in water quality due to the proposed improvements.



IMAGES OBTAINED FROM: "OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS"

GCG ASSOCIATES, INC. 84 MAIN STREET WILMINGTON, MASSACHUSETTS (978) 657-9714	USGS Site Locus Map		1000 0 500 1000 	
	Ralph D. Butler Elementary School 1 Patrick Clark Drive Avon, Massachusetts		Scale: 1"=1000' SCALE IN FEET	
	Plan Ref.		Date: 5/15/2020	1

Attachment #2 - Project Abutter Information

Notification to Abutters Under the Massachusetts Wetlands Protection Act

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, you are hereby notified of the following:

- A. The applicant is the **Town of Avon**.
- B. The applicant has filed a Notice of Intent with the Avon Conservation Commission seeking permission to: **Remove, fill, dredge, or alter** an Area Subject to Protection under the Wetlands Protection Act (General Laws Chapter 131, Section 40).
- C. The construction activity is proposed at: **Ralph D. Butler School, Patrick Clark Drive, Avon, Massachusetts**
- D. Copies of the Notice of Intent may be examined at:

**Avon Conservation Commission
Avon Town Hall,
65 East Main Street
Avon, MA 02322**

For more information call: (508) 588-0414 ext. 1023.

- E. Copies of the Notice of Intent may be requested from the applicant's representative:

**GCG Associates, Inc.
84 Main Street
Wilmington, MA 01887**

Between the hours of 8:30 am and 4:00 pm Monday thru Friday. For more information, call: **(978) 657-9714**.

- F. Meeting time and location to be determined

Note: Notice of the public hearing, including its date, time, and place, will be published at least seven (7) days in advance in the local newspaper.

Note: Notice of the public hearing including its date, time, and place, will be posted in the Town Hall not less than forty-eight hours in advance.

Note: You also may contact your local Conservation Commission or the nearest Department of Environmental Protection Regional Office for more information about this application or the Wetlands Protection Act.

To contact DEP, call:

Central Region: 508-792-7650

Northeast Region: 978-694-3200

Southeast Region: 508-946-2800

Western Region: 413-784-1100

300' CERTIFIED ABUTTERS LIST
 Assessors Lots C3-2-15, C3-2-7 and C3-2-8 SOUTH ST.
 AVON, MA

REQUESTED FOR:
 THE TOWN OF AVON

Board of Assessors

Certified Copy

Paul J. Sullivan
 45 of 3/31/20

Map	Block	Lot	Location	Owners Name	Mailing Address	City	St Zip
B4	6	2	Old Pond St.	City of Brockton	45 School St.	Brockton	MA 02301
C2	1	1	South St.	City of Brockton	45 School St.	Brockton	MA 02301
C2	1	2	27 Leo's Lane	Paquette, Ronald	27 Leo's Lane	Avon	MA 02322
C2	1	4	23 Leo's Lane	Gomez, Oscar & Gomez, Yessenia	23 Leo's Lane	Avon	MA 02322
C2	1	5	21 Leo's Lane	Isaksen, Kirk D. & Isaksen, Laura C.	21 Leo's Lane	Avon	MA 02322
C3	1	1	217 South St.	Nazaire, Sheila	217 South St.	Avon	MA 02322
C3	1	10	141 South St.	Brock, Daniel J. & Brock, Margaret T.	141 South St.	Avon	MA 02322
C3	1	2	215 South St.	Cardoso, Christopher	PO Box 470	Avon	MA 02322
C3	1	3	213 South St.	Sullivan, William A. III & Sullivan, Jeanne L.	213 South St.	Avon	MA 02322
C3	1	4	209 South St.	Portnoy, Frederick	209 South St.	Avon	MA 02322
C3	1	5	199 South St.	Fevry, Pierre L. & Lercius, Nachana	199 South St.	Avon	MA 02322
C3	1	6	South St.	City of Brockton	45 School St.	Brockton	MA 02301
C3	1	7	171 South St.	Christoforo, Karen J.	171 South St.	Avon	MA 02322
C3	1	8	167 South St.	O'Reilly, Teresa	167 South St.	Avon	MA 02322
C3	1	9	147 South St.	Leifheit, Gaareth L. & Leifheit, Elizabeth L.	147 South St.	Avon	MA 02322
C3	2	1	186 South St.	Laurini, George J. & Laurini, Justina A.	186 South St.	Avon	MA 02322
C3	2	11	208 South St.	Ierardi, John & Ierardi, Jeannine	14 Feeley St.	Avon	MA 02322
C3	2	1	13A Leo's Lane	Vasquez, Elsy C.	13A Leo's Lane	Avon	MA 02322
C3	2	1	13B Leo's Lane	Gleason, Jonathan P. & Gleason, Heather M.	13B Leo's Lane	Avon	MA 02322
C3	2	1	13C Leo's Lane	Ciulla, Marybeth	13C Leo's Lane	Avon	MA 02322
C3	2	1	13D Leo's Lane	Geaney, Michael	13D Leo's Lane	Avon	MA 02322
C3	2	1	13E Leo's Lane	Fischer, Carl S. & Fischer, Lori J.	13E Leo's Lane	Avon	MA 02322
C3	2	1	15A Leo's Lane	Daylily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	15B Leo's Lane	Daylily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	15C Leo's Lane	Daylily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	15D Leo's Lane	Daylily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	17A Leo's Lane	Daylily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	17B Leo's Lane	Daylily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	17C Leo's Lane	Daylily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	17D Leo's Lane	Daylily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	17E Leo's Lane	17 Leo's Lane Nominee Trust	501 W. Main St.	Avon	MA 02322

300' CERTIFIED ABUTTERS LIST
Assessors Lots C3-2-15, C3-2-7 and C3-2-8 SOUTH ST.
AVON, MA
REQUESTED FOR:
THE TOWN OF AVON

C3	2	1	19A Leo's Lane	Dayily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	19B Leo's Lane	Dayily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	19C Leo's Lane	Dayily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	1	19D Leo's Lane	Dayily Properties	141 Chauncy St.	Mansfield	MA 02048
C3	2	12	210 South St.	Ficarra, James V. & Ficarra, Claire A.	210 South St.	Avon	MA 02322
C3	2	13	214 South St.	Etienne, Francklin & Etienne, Josette	214 South St.	Avon	MA 02322
C3	2	14	216 South St.	Hrenko, Diane L., Trustee, Berry Family Trust.	216 South St.	Avon	MA 02322
C3	2	16	Leo's Lane	Fischer, Carl S. & Fischer, Lori J.	9 Leo's Lane	Avon	MA 02322
C3	2	2	9 Leo's Lane	Fischer, Carl S. & Fischer, Lori J.	9 Leo's Lane	Avon	MA 02322
C3	2	3	7 Leo's Lane	Zymaris, Charles M. & Zymaris, Joyce	7 Leo's Lane	Avon	MA 02322
C3	2	4	5 Leo's Lane	Nasiopoulos, Peter M. & Nasiopoulos, Roseann	5 Leo's Lane	Avon	MA 02322
C3	2	5	3 Leo's Lane	Konowicz, Sharon A. & Konowicz, Paul A., Tr.	35 Thoreau Circle	Beverly	MA 01915
C3	2	6	1 Leo's Lane	Smith, John M. & Smith, Lynay	1 Leo's Lane	Avon	MA 02322
C3	2	9	160 South St.	Harrison, Samuel J.	160 South St.	Avon	MA 02322
C3	3	2	140 South St.	Slicis, Dawn M.	140 South St.	Avon	MA 02322
C3	3	3	2 Leo's Lane	Connors, Thomas J. & Connors, Mary C.	2 Leo's Lane	Avon	MA 02322
C3	3	4	4 Leo's Lane	Issa, Carol Ann	4 Leo's Lane	Avon	MA 02322
C3	3	5	6 Leo's Lane	Tawil, Derek & Tawil, Clare	6 Leo's Lane	Avon	MA 02322
C3	3	6	8 Leo's Lane	Muhord, Erastus	8 Leo's Lane	Avon	MA 02322
C3	3	7	Leo's Lane	Muhord, Erastus	8 Leo's Lane	Avon	MA 02322
C3	4	1	18 Leo's Lane	MacIsaac, John S. MacIsaac, Marguerite A. & MacIsaac, James	18 Leo's Lane	Avon	MA 02322
D2	1	5	28A Leo's Lane	Ton, Quan T. & Ton, Qyhn Nhu, c/o Lehtenthi	28A Leo's Lane	Avon	MA 02322
D2	1	5	28B Leo's Lane	Tran, Nghi & Tran, Ngoc	28B Leo's Lane	Avon	MA 02322
D2	1	6	26 Leo's Lane	Callow, Mary K.	26B Leo's Lane	Avon	MA 02322
D2	1	7	24 Leo's Lane	St. Paul, Regine & Jean-Lestin Alex Ricardo	24 Leo's Lane	Avon	MA 02322
D2	1	8	Leo's Lane	Southview Nominee Trust, C/O Carlene A. Rosenquist	22 Hemlock St.	Rockland	MA 02370
D2	1	9	Leo's Lane	Southview Nominee Trust, C/O Carlene A. Rosenquist	22 Hemlock St.	Rockland	MA 02370
D2	3	9	29 Leo's Lane	RP South LLC	PO Box 850425	Braintree	MA 02185
D3	1	16	719 W. Main St.	Nessralla, Phillip C., Nessralla, Charles J. Jr., & Nessralla, David	719 W. Main St.	Avon	MA 02322
D3	1	67	12 Leo's Lane	Edwards, Stephen M.	72 South St.	Avon	MA 02322
D3	1	68	14 Leo's Lane	Iasimone, Ralph A. & Iasimone, Sheilah J.	14 Leo's Lane	Avon	MA 02322
D3	1	71	22 Leo's Lane	Wu, Wen Jie & Chan, Celina P.	22 Leo's Lane	Avon	MA 02322

Attachment #3 – Project Maps

National Flood Hazard Layer FIRMette



42°79.52'N

71°32.19'W



USGS The National Map: Orthoimagery, Data refreshed April, 2019.

42°6'42.83"N

Feet 1:6,000



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, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- 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

- Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

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



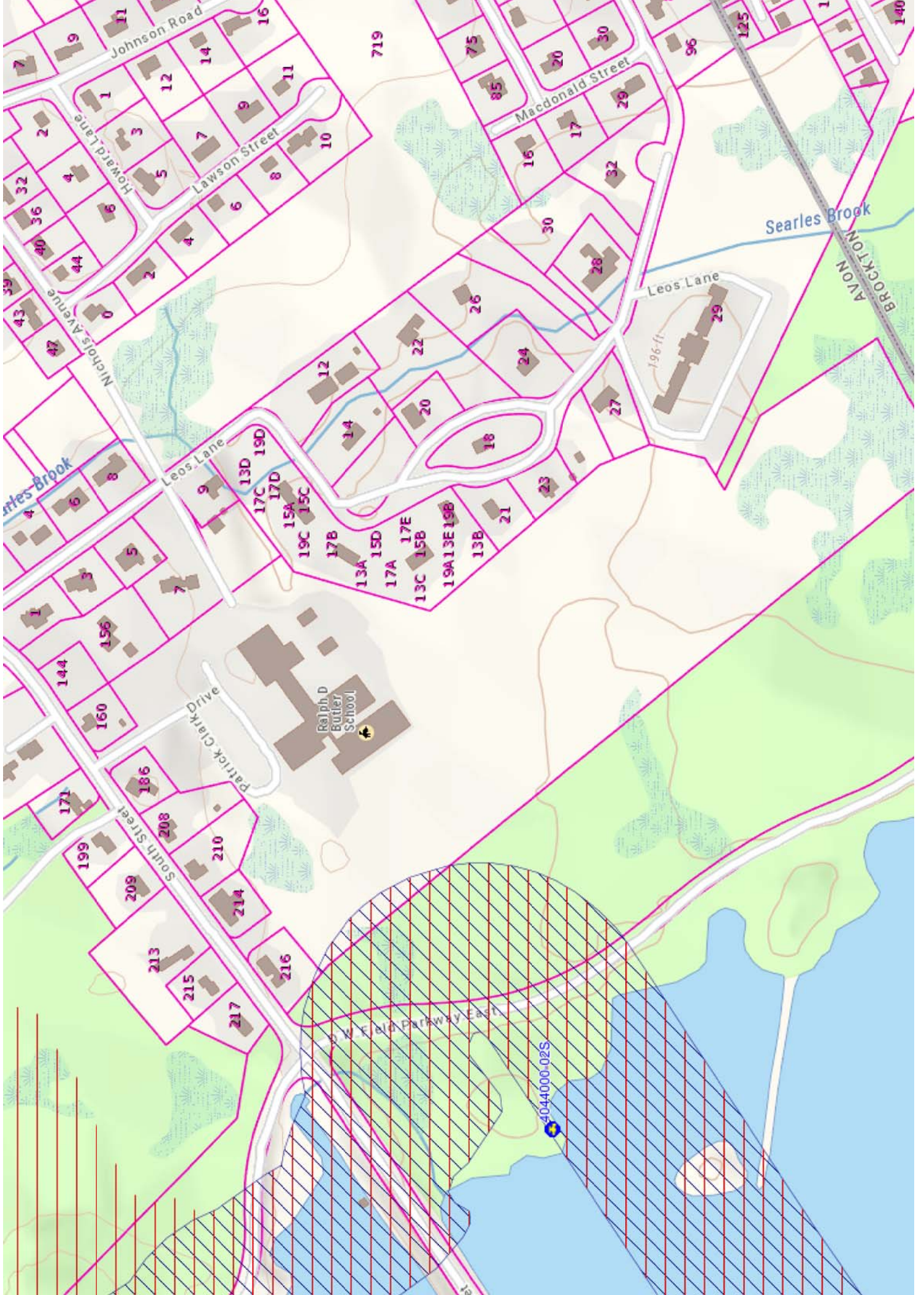
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 **4/9/2020 at 4:09:58 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.

71°2'24.73"W



Attachment #4 – Wetlands Report



June 16, 2020

Avon Conservation Commission
65 East Main Street
Avon, MA 02322

Wetland Report

This purpose of this letter is to summarize the wetland resources on the property of the Ralph D. Butler Elementary School with the address of Patrick Clark Drive, Avon, MA

Resource Area 1

On the west side of the property there is a wetland that has been traced from a plans titled "Parking Improvement Plan for the Ralph D. Butler Elementary School" by E.T. Engineering Ent., Inc. dated September 11, 2007 and last revised on August 22, 2013.

Resource Area 2

There is an intermittent stream in the southeast corner of the property that starts at a stormwater headwall and flows off the property and eventually into the Searles Brook.

Respectfully submitted.
GCG ASSOCIATES, INC.

Michael J. Carter

Michael J Carter, PE
President

