

Stamski And McNary, Inc.
Engineering - Planning – Surveying
80 Harris Street; Acton, MA 01720 (978) 263-8585

Notice of Intent

Town of Acton Wetlands Protection Bylaw

For

5 Granite Road
(Map C-5; Parcel 46-2)
Acton, MA

Applicant & Owner: Elaine Brissart
9 Warren Avenue
East Providence, RI 02914

Date: February 23, 2009

SM-4424

File: 4424NOICover.doc

Table of Contents

Project Narrative

WPA Form 3 (Notice of Intent)

Certified List of Abutters

Affidavit of Services

Notification to Abutters

Attachments:

- *U.S.G.S. Locus Map*
- *FEMA Flood Insurance Rate Map*
- *NHESP Map*
- *Sewage Disposal Plan
by Stamski and McNary, Inc., dated January 12, 2009*

Project Narrative

Project Narrative

The proposed project at 5 Granite Road will repair a failed septic system. All of the existing system components lie within the Buffer Zone of an Isolated Wetland. Since the Wetland is isolated, it and its Buffer Zone are not subject to the Wetlands Protection Act. Therefore, this Notice of Intent has only been filed under the Town of Acton Wetlands Protection Bylaw. A new septic tank and pump chamber will be installed in the area of the existing leaching bed roughly 34' from the Isolated Wetland. The new leaching area will be completely outside of the Buffer Zone. Siltation fencing has been proposed for erosion control.

WPA Form 3
(Notice of Intent)



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

Acton

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>5 Granite Road</u>	<u>Acton</u>	<u>01720</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:		
<u>C-5</u>	<u>42°30'49" N</u>	<u>71°24'55" W</u>
f. Assessors Map/Plat Number	d. Latitude	e. Longitude
	<u>46-2</u>	
	g. Parcel /Lot Number	

2. Applicant:

<u>Elaine</u>	<u>Brissart</u>	
a. First Name	b. Last Name	
c. Organization		
<u>9 Warren Avenue</u>		
d. Street Address		
<u>East Providence</u>	<u>RI</u>	<u>02914</u>
e. City/Town	f. State	g. Zip Code
<u>(401)434-4140</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	
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>George</u>	<u>Dimakarakos</u>	
a. First Name	b. Last Name	
<u>Stamski and McNary, Inc.</u>		
c. Company		
<u>80 Harris Street</u>		
d. Street Address		
<u>Acton</u>	<u>MA</u>	<u>01720</u>
e. City/Town	f. State	g. Zip Code
<u>(978)263-8585</u>	<u>(978)263-9883</u>	<u>gd@stamskiandmcnary.com</u>
h. Phone Number	i. Fax Number	j. Email address

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

<u>\$22.00</u>	<u>\$0</u>	<u>\$22.00</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



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
Acton
City/Town

A. General Information (continued)

6. General Project Description:

The project will repair a failed septic system within the Buffer Zone of an Isolated Wetland. The new septic tank and pump chamber will be 34' from the Wetland in the location of the existing leaching bed which will be abandoned. The new leaching area will be located outside of the Buffer Zone. Siltation fencing will control erosion during construction

7a. Project Type Checklist:

- | | |
|---|---|
| 1. <input type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Limited Project Driveway Crossing | 4. <input checked="" type="checkbox"/> Commercial/Industrial |
| 5. <input type="checkbox"/> Dock/Pier | 6. <input type="checkbox"/> Utilities |
| 7. <input type="checkbox"/> Coastal Engineering Structure | 8. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) |
| 9. <input type="checkbox"/> Transportation | 10. <input type="checkbox"/> Other |

7b. Is any portion of the proposed activity eligible to be treated as a 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:

2. Limited Project

8. Property recorded at the Registry of Deeds for:

Middlesex South District

a. County

14638

c. Book

b. Certificate # (if registered land)

109

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.

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 3. cubic yards dredged	2. square feet



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

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Document Transaction Number
Acton
City/Town

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

<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 _____ 3. cubic feet of flood storage lost _____	2. square feet _____ 4. cubic feet replaced _____
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet _____ 2. cubic feet of flood storage lost _____	3. cubic feet replaced _____
f. <input type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) _____ 2. Width of Riverfront Area (check one): <input type="checkbox"/> 25 ft. - Designated Densely Developed Areas only <input type="checkbox"/> 100 ft. - New agricultural projects only <input type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No		
6. Was the lot where the activity is proposed created prior to August 1, 1996? <input type="checkbox"/> Yes <input type="checkbox"/> No		
3. <input type="checkbox"/> Coastal Resource Areas: (See 310 CMR 10.25-10.35)		

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 _____



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

	<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

C. Other Applicable Standards and Requirements

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://www.mass.gov/dfwele/dfw/nhosp/nhregmap.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
Route 135, North Drive
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.1.d, 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).*



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
Acton
City/Town

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

1. 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
3. 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
 - (c) MESA filing fee (fee information available at: <http://www.mass.gov/dfwele/dfw/nhosp/nhenvmesa.htm>)
Make check payable to "Natural Heritage & Endangered Species Fund" 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

d. 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/nhenvexemptions.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 Number	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.

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see www.nhosp.org regulatory review tab). 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.



WPA Form 3 – Notice of Intent

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

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MassDEP File Number
Document Transaction Number
Acton
City/Town

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

2. 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 or hand delivery of NOI to either:

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

North Shore - Hull to New Hampshire:

Division of Marine Fisheries - Southeast Marine Fisheries Station
Attn: Environmental Reviewer
838 South Rodney French Blvd.
New Bedford, MA 02744

Division of Marine Fisheries - North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

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.

3. 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

4. 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

5. 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

6. 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.

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



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

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MassDEP File Number
Document Transaction Number
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D. Additional Information

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.

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

Sewage Disposal Plan

a. Plan Title

Stamski and McNary, Inc.

b. Prepared By

January 12, 2009

d. Final Revision Date

Joseph March

c. Signed and Stamped by

1"=20'

e. Scale

f. Additional Plan or Document Title

g. Date

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

E. Fees

- 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:

1004

2. Municipal Check Number

2-18-09

3. Check date

4. State Check Number

Elaine

6. Payor name on check: First Name

5. Check date

Brissart

7. Payor name on check: Last Name



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Document Transaction Number
Acton
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.

Elaine Bassart

1. Signature of Applicant

02-18-09

2. Date

3. Signature of Property Owner (if different)

[Signature] STAMSKI AND MCNAUL INC

5. Signature of Representative (if any)

4. Date

2/23/09

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.

THIS CHECK IS VOID IF ANY OF THE FOLLOWING CONDITIONS ARE MET:

1. MICROWAVE	2. OPEN FLAME	3. IN CONTACT WITH WATER
4. IN CONTACT WITH OIL	5. IN CONTACT WITH ALCOHOL	6. IN CONTACT WITH CLEANING PRODUCTS
7. IN CONTACT WITH ACID	8. IN CONTACT WITH BLENDED	9. IN CONTACT WITH BLEACH
10. IN CONTACT WITH DETERGENT	11. IN CONTACT WITH DISINFECTANT	12. IN CONTACT WITH GLASS
13. IN CONTACT WITH METAL	14. IN CONTACT WITH NAIL POLISH	15. IN CONTACT WITH PERM
16. IN CONTACT WITH PESTICIDES	17. IN CONTACT WITH SAND	18. IN CONTACT WITH SHARP OBJECTS
19. IN CONTACT WITH SODA	20. IN CONTACT WITH STAIN REMOVER	21. IN CONTACT WITH TANNIN
22. IN CONTACT WITH THERMOS	23. IN CONTACT WITH TOBACCO	24. IN CONTACT WITH WAX
25. IN CONTACT WITH WAX	26. IN CONTACT WITH WAX	27. IN CONTACT WITH WAX

BRISART PROPERTIES 10/08
 9 WARREN AVE
 EAST PROVIDENCE RI 02914-6019

1004
 57-12/115-1
 035

DATE 02-18-09

PAY TO THE ORDER OF Town of Acton
Twenty Two & 00/100

\$ 22 ⁰⁰/₁₀₀
 DOLLARS

 Citizens Bank

Clare Ruzante

Certified List of Abutters



Town of Acton
472 Main Street
Acton, MA 01720
Telephone (978) 264-9622
Fax (978) 264-9630

Brian McMullen
Assistant Assessor

Locus: 5 GRANIT RD
Parcel ID: C5-46-2

Location	Parcel ID	Owner	Co-Owner	Mailing Address	City	ST	Zip
42 QUARRY RD	C5-26-5	XIANG LIAN-QIN	DONG YAPIN	42 QUARRY RD	ACTON	MA	01720
38 QUARRY RD	C5-26-14	WALLIE JAMES AND MIRIAM TRUSTEE	QUARRY ROAD REALTY TRUST	109 LARCH RD	CAMBRIDGE	MA	02138
10 QUARRY RD	C5-37	BROWN JULIE V TRUSTEE	BROWN FAMILY TRUST	784 MAIN STREET	ACTON	MA	01720
9 GRANITE RD	C5-46-1	FOUR SEASONS TENNIS CLUB INC		30 BEECHCROFT ROAD	NEWTON	MA	02456-2404
32 QUARRY RD	C5-58-3	QUARRY ROAD TRUST	JAMES + MIRIAM WALLIE TRUSTEE	109 LARCH RD	CAMBRIDGE	MA	02138

The owner of land sharing a common boundary or corner with the site of the proposed activity (100 feet) in any direction, including land located directly across a street, way, creek, river, stream, brook or canal. The above are as they appear on the most recent applicable taxes.

Kimberly Hoyt
Assessing Clerk
Acton Assessors Office

23-Feb-09

Affidavit of Services

AFFIDAVIT OF SERVICES
Under the Town of Acton Wetlands Protection Bylaw
(to be submitted to the Conservation Commission when filing a
Notice of Intent)

I, Evan Stidham, hereby certify under the pains and penalties of perjury that on 2/23/09 I gave notification to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

A Notice of Intent filed under the Town of Acton
Wetlands Protection Bylaw by Elaine Brissart with
the Acton Conservation Commission for property
located on Assessor's Map C-5 Parcel 46-2.

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

Name: Evan Stidham

Date: 2/23/09

Notification to Abutters

**NOTIFICATION TO ABUTTERS
UNDER THE TOWN OF ACTON WETLANDS PROTECTION BYLAW**

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

The name of the applicant is Elaine Brissart.
Address: 9 Warren Avenue, East Providence, RI; Phone: (401) 434-4140
has filed a Notice of Intent with the Acton Conservation Commission seeking permission to remove, fill, dredge, or alter an Area Subject to Protection under the Town of Acton Wetlands Protection Bylaw

Applicant's Representative: Stamski and McNary, Inc.
Address: 80 Harris Street; Acton, MA 01720 Phone: (978) 263-8585

The address of the property where the activity is proposed: 5 Granite Road.
Town Atlas Map/Parcel: Map C5, Parcel 46-2.

Project Description: The project will repair a failed septic system. A new septic tank, pump chamber, and leach field will be installed.

Copies of the Notice of Intent may be examined at the Conservation Office, Acton Town Hall, 472 Main Street, Acton. Between the hours of 9:00 A.M. and 4:30 P.M. Monday through Friday. For more information, please call the Conservation Office at 978-264-9631.

A Public Hearing will be held at the Acton Town Hall, 472 Main Street, on Wednesday, March 18, 2009 at 7:15 P.M.

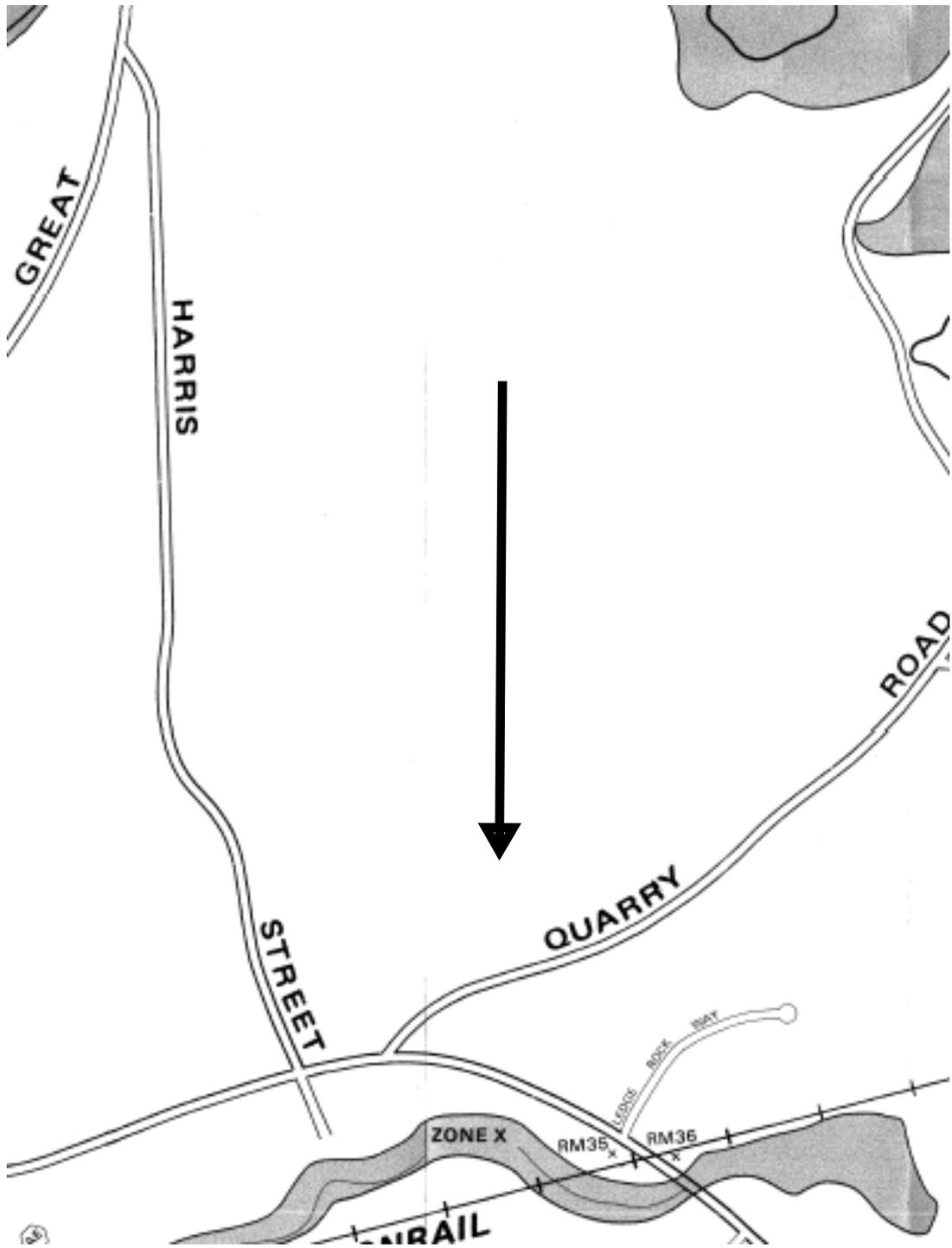
The notice of public hearing, will be published at least five (5) days in advance in the Acton edition of the *Beacon* newspaper or *Metrowest Daily News*.

NOTE: You may also contact your local Conservation Commission for the information about this application or, the Town of Acton Wetlands Protection Bylaw.

U.S.G.S. Locus Map



FEMA Flood Insurance Rate Map



NHESP Map



**Sewage Disposal Plan by
Stamski and McNary, Inc. dated January 12, 2009**

TEST PIT DATA:

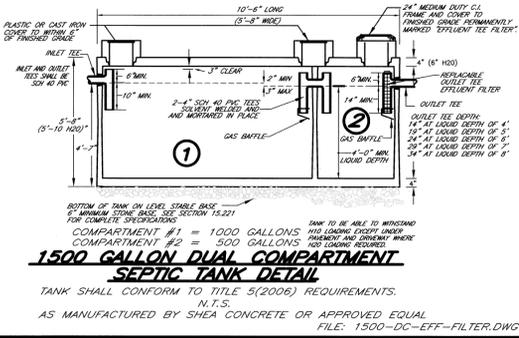
DATE OF TESTING: 11/20/08
TEST BY: STAMSKI AND McNARY, INC.
CERT. SOIL EVAL.: DAVID HASLETT, 2008
WITNESSED BY: JUSTIN SNAIR

Table with 4 columns: TP-1, TP-2, TP-3, TP-4. Rows show soil layers (e.g., SANDY LOAM, LOAMY SAND, FILL) and test results (e.g., REFUSAL @ 50", MOTTLING OBS. @ 2'-6").

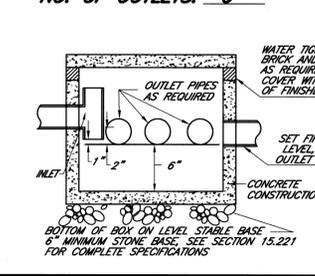
PERC. TEST DATA:

ALTERNATIVE PERCOLATION TEST WAS USED IN ACCORDANCE WITH DEP POLICY BRP/DWM/PEP-POD-1 SIEVE ANALYSIS BY: GEO TESTING EXPRESS APPROVED BY: ACTON BOH

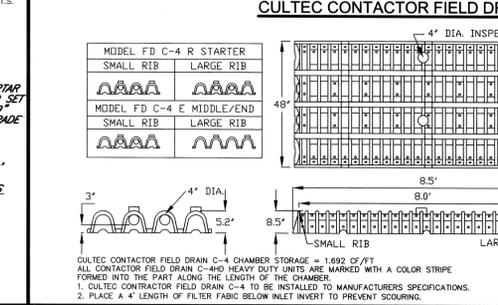
- SAMPLE 1 HORIZON: C LTAR: .74 GPD/S.F.
- SAMPLE 2 HORIZON: B LTAR: .66 GPD/S.F.



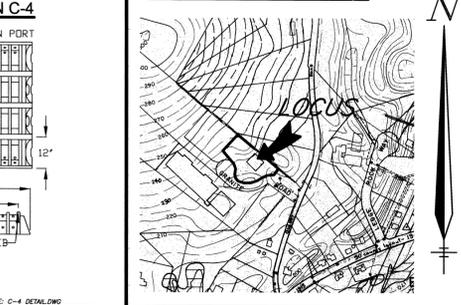
D.BOX DETAIL:
TO CONFORM TO TITLE 5 (2006) REQUIREMENTS
NO. OF OUTLETS: 6



SOIL ABSORPTION SYSTEM:



LOCUS PLAN:

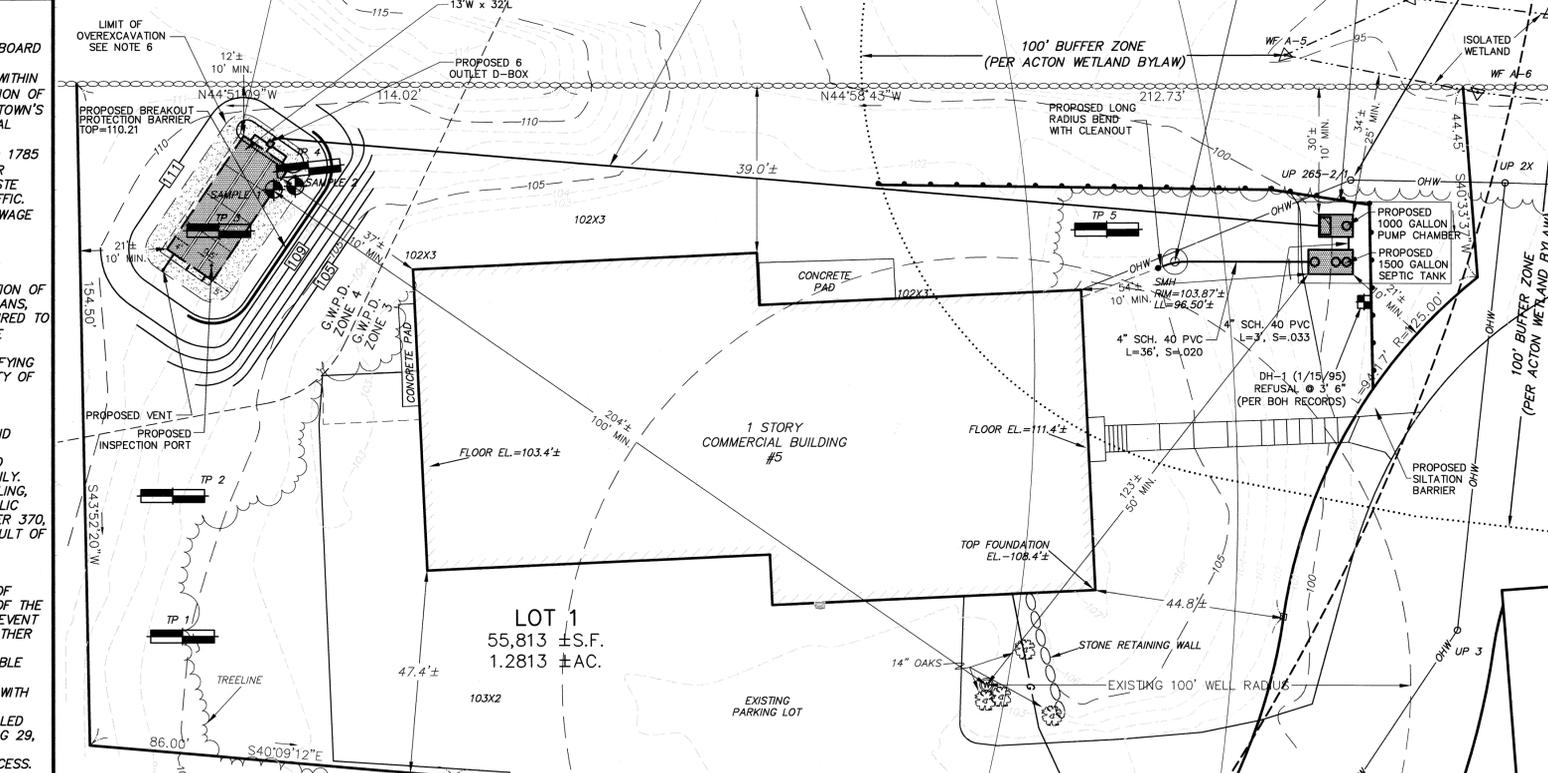


NOTES:

- 1. THIS PLAN IS FOR THE DESIGN AND CONSTRUCTION OF A SEWAGE DISPOSAL FACILITY ONLY.
- 2. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO TITLE 5 AND THE ACTON BOARD OF HEALTH REGULATIONS.
- 3. IF ALTERATIONS (REMOVAL OF VEGETATION, GRADING, EXCAVATIONS, ETC.) ARE TO BE MADE WITHIN 100 FEET OF WETLAND AREAS (PONDS, BROOKS, SWAMPS, ETC.) A REQUEST FOR DETERMINATION OF APPLICABILITY OF THE WETLANDS PROTECTION ACT (c131 s40A) SHOULD BE FILED WITH THE TOWN'S CONSERVATION COMMISSION.

PLAN VIEW:

SCALE: 1" = 20'
NAV DISTRICT
G.W.P.D. ZONE 3 & 4



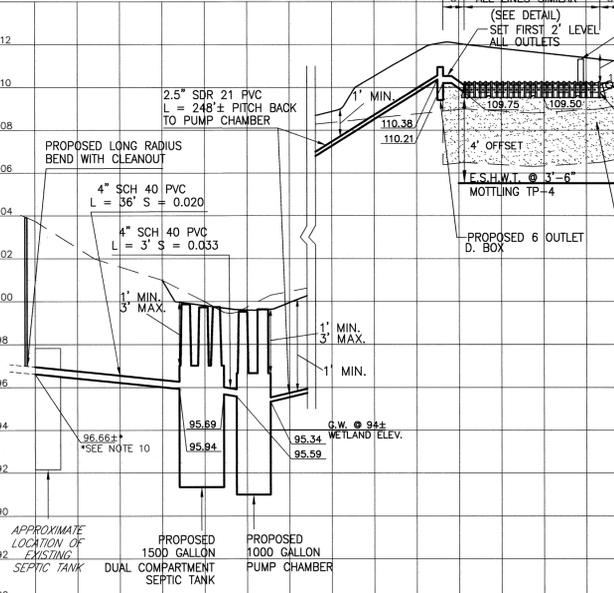
INVERT ELEVATIONS:

Table listing existing and proposed invert elevations for various components like building, septic tank, pump chamber, and D-box.

DESIGN DATA:

DESIGN FLOW: 24 PEOPLE X 15 GPD/PERSON = 360 GPD
REQUIRED SEPTIC TANK: (TITLE 5) 720 & 360 GAL. = 1080 GAL.
PROVIDED: 1000 & 500 GAL. = 1500 GAL.

PROFILE:

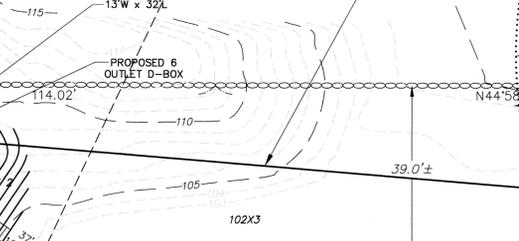


REQUIRED VARIANCES:

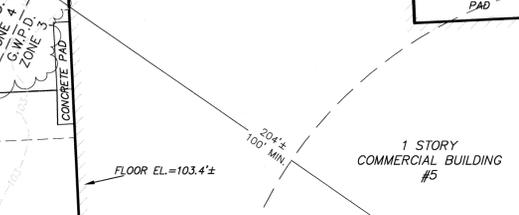
A VARIANCE IS REQUESTED IN ORDER TO ALLOW FOR THE USE OF AN ALTERNATIVE PERC TEST IN PLACE OF A TRADITIONAL PERC TEST.

REQUIRED VARIANCES:

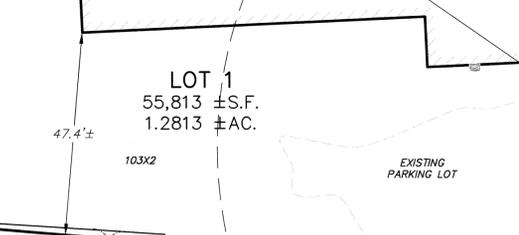
A VARIANCE IS REQUESTED IN ORDER TO ALLOW FOR THE USE OF AN ALTERNATIVE PERC TEST IN PLACE OF A TRADITIONAL PERC TEST.



BREAKOUT PROTECTION BARRIER DETAIL



PUMP DETAIL



INSPECTION PORT DETAIL

SEWAGE DISPOSAL PLAN

PREPARED FOR: ELAINE BRISSART
ADDRESS: 9 WARREN AVENUE
EAST PROVIDENCE, RI 02914

LOCATION: 5 GRANITE ROAD
ACTON, MA 01720
ASSESSORS MAP C-5, PARCEL 46-2

SCALE: AS SHOWN
DATE: JANUARY 12, 2009

REVISED:
REVISIONS:
PREPARED BY: STAMSKI AND McNARY, INC.

CIVIL ENGINEERS LAND SURVEYORS
80 HARRIS STREET - ACTON, MA 01720
PH.: (978) 263-8585

DESIGNED BY: TJR DRAWN BY: TJR JOB No. SM-4424 FILE: 4424 SDS.DWG



CULTEC CONTACTOR C-4 BED CROSS SECTION

