

**Stamski and McNary, Inc.**

Engineering - Planning - Surveying

1000 Main Street Acton, MA 01720

Ph: (978) 263-8585

[www.stamskiandmcnary.com](http://www.stamskiandmcnary.com)

# Notice of Intent

Under the

The Town of Acton Wetland Protection Bylaw

for

**38 Quarry Road  
Acton, MA 01720**

Applicant:

Bentley Building Corporation  
12 Murphy Drive, Suite 100  
Nashua, NH 03062

Date:

January 31, 2012

SM-4641A

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- Project Narrative
- Notice of Intent – WPA Form 3
- Certified Abutters List / Affidavit / Notice to Abutters

### Attachments:

- A. U.S.G.S. Map
- B. WPA Form 4B – Order of Resource Area Delineation
- C. Massachusetts Natural Heritage Atlas 13<sup>th</sup> edition, Effective: October 1, 2008
- D. Sewage Disposal Plan (Sheet 1) by Stamski and McNary, Inc. dated: January 31, 2012

## **Project Narrative**

## **Project Narrative**

### **Existing Conditions:**

The site is approximately 1.4 acres in size. Currently the site is a vacant lot with the majority of the vegetation coverage being wooded.

### **Resource Areas and Buffer Zone:**

The resource areas on the site were verified with an Order of Resource Area Delineation, DEP File no. 85-1051.

### **Isolated Vegetated Wetland:**

In the southern portion of the site, an Isolated Wetland was identified. The Isolated Wetland has an area of approximately 1,200 s.f. with a boundary length of 191 linear feet. Though this wetland is not subject to protection under the Wetlands Protection Act, it is subject to the Acton Wetlands Protection Bylaw (AWPB).

### **Buffer Zone:**

A 100 foot buffer zone projects from the Isolated Wetland per the Town of Acton Wetlands Protection Bylaw. This is not subject to the Wetlands Protection Act (WPA). Two structures are proposed greater than 75 feet from the Isolated Wetland and there will be associated site clearing for the rear yards and septic system greater than 50 feet from the Isolated Wetland. The proposed soil absorption system will be located greater than 100 feet from the Isolated Wetland.

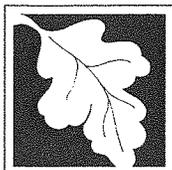
### **Compliance with Acton Wetlands Protection Bylaw:**

The proposed project is in compliance with the wetland setbacks for new activities as outlined under Construction Standards and Restrictions. There will be no activity within 50 feet of the Isolated Wetland, maintaining 50 feet of undisturbed vegetation, and no structures within 75 feet.

### **Summary:**

The proposed activity is only regulated under the Town of Acton Wetlands Protection Bylaw, not the Wetland Protection Act. The activity meets the wetland setbacks for new activities within 100 feet of an Isolated Wetland. Erosion and Sedimentation control measures are proposed to avoid impacts from construction related activities. All disturbed surfaces shall be permanently stabilized with vegetation.

**Notice of Intent - WPA Form 3**



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

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>38 Quarry Road</u>	<u>Acton</u>	<u>01720</u>
a. Street Address	b. City/Town	c. Zip Code
<u>Latitude and Longitude:</u>	<u>042d30'49.3"N</u>	<u>071d24'50.5"W</u>
	d. Latitude	e. Longitude
<u>C5</u>	<u>26-14</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Mark</u>	<u>White</u>	
a. First Name	b. Last Name	
<u>Bentley Building Corporation</u>		
c. Organization		
<u>12 Murphy Drive, Suite 100</u>		
d. Street Address		
<u>Nashua</u>	<u>NH</u>	<u>03062</u>
e. City/Town	f. State	g. Zip Code
<u>h. Phone Number</u>	<u>i. Fax Number</u>	<u>j. Email Address</u>

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

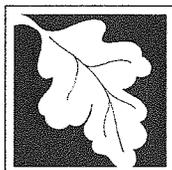
<u>a. First Name</u>	<u>b. Last Name</u>	
<u>c. Organization</u>		
<u>d. Street Address</u>		
<u>e. City/Town</u>	<u>f. State</u>	<u>g. Zip Code</u>
<u>h. Phone Number</u>	<u>i. Fax Number</u>	<u>j. Email address</u>

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>1000 Main 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@stamskiandmcary.com</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>\$220.00</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  
 Acton  
 \_\_\_\_\_  
 City/Town

**A. General Information (continued)**

6. General Project Description:

Site work associated with two single family dwellings within 100 feet of an Isolated Wetland.

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 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 checked="" 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

a. County

55677

c. Book

b. Certificate # (if registered land)

83

d. Page Number

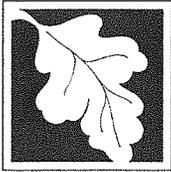
**B. Buffer Zone & Resource Area Impacts (temporary & permanent)**

- 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.

<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	



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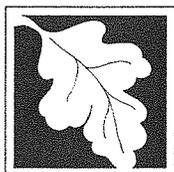
## B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

<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 BWV	b. square feet of Salt Marsh
5. <input type="checkbox"/> Project Involves Stream Crossings		
	_____	_____
	a. number of new stream crossings	b. number of replacement stream crossings

## 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/nhesp/regulatory\\_review/priority\\_habitat/online\\_viewer.htm](http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/online_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  
Route 135, North Drive  
Westborough, MA 01581

Oct. 1, 2008  
b. Date of map



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

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).*

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/regulatory\\_review/mesa/mesa\\_fee\\_schedule.htm](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:*

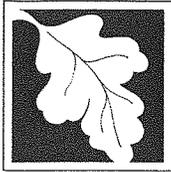
  - (d)  Vegetation cover type map of site
  - (e)  Project plans showing Priority & Estimated Habitat boundaries

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/regulatory\\_review/mesa/mesa\\_exemptions.htm](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

\* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/dfwele/dfw/nhosp/nhosp.htm>, 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.



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 Bureau of Resource Protection - Wetlands  
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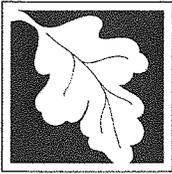
**C. Other Applicable Standards and Requirements (cont'd)**

3.  Separate MESA review completed.  
 Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.
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<br>Attn: Environmental Reviewer<br>1213 Purchase Street – 3rd Floor<br>New Bedford, MA 02740-6694 | Division of Marine Fisheries - North Shore Office<br>Attn: Environmental Reviewer<br>30 Emerson Avenue<br>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:
- Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
  - A portion of the site constitutes redevelopment
  - Proprietary BMPs are included in the Stormwater Management System.
- b.  No. Check why the project is exempt:
- Single-family house

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

- 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

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.
- 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.

### Sewage Disposal Plan

a. Plan Title

Stamski and McNary, Inc.

b. Prepared By

1/31/2012

d. Final Revision Date

Joseph March, P.E.

c. Signed and Stamped by

1=20'

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.



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## E. Fees

1.  Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number <u>13158</u>	3. Check date <u>2/7/12</u>
4. State Check Number <u>BENTLEY BUILDING CORP.</u>	5. Check date
6. Payor name on check: First Name	7. Payor name on check: Last Name

## 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.

<u>Mah Stuchell</u>	<u>2/7/12</u>
1. Signature of Applicant	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.

**Certified Abutters List / Affidavit / Notice to Abutters**



Town of Acton  
472 Main Street  
Acton, MA 01720  
Telephone (978) 929-6621  
Fax (978) 264-9630

Brian McMullen  
Assessor

Locus: 38 QUARRY RD  
Parcel ID: C5-26-14

Location	Parcel ID	Owner	Co-Owner	Mailing Address	City	ST	Zip
9 GRANITE RD	C5-46-1	FOUR SEASON TENNIS CLUB INC		30 BEEHCROFT RD	NEWTON	MA	02456
10 QUARRY RD	C5-37	BROWN JULIE V	BROWN FAMILY TRUST	784 MAIN ST	ACTON	MA	01720
10 QUARRY RD	C5-90-1	BROWN JULIE V	BROWN TODD H	784 MAIN ST	ACTON	MA	01720
33 QUARRY RD	C5-58-2	QLR LLC		29 QUARRY RD	ACTON	MA	01720
27 QUARRY RD	C5-76	BROWN TODD		784 MAIN ST	ACTON	MA	01720
5 GRANITE RD	C5-46-2	HORTON MICHAEL		9 ABIGAIL DR	HUDSON	MA	01749
1 NARA RIDGE	C5-58-1	PFEFFERKORN JEFFREY	PFEFFERKORN CURA	1 NARA RIDGE	ACTON	MA	01720
42 QUARRY RD	C5-26-5	XIAN LIAN-QIN	DONG YAPLIN	42 QUARRY RD	ACTON	MA	01720
39 QUARRY RD	C5-47	BENTLEY BUILDING CORP		12 MURPHY DR #100	NASHUA	NH	03062
6 LEDGE ROCK WAY	C5-58	C+ P CORP	PALMER CRAIG	7 CRAIG RD	ACTON	MA	01720

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.

MARTY ABBOTT

27-Jan-12

Acton Assessors Office

AFFIDAVIT OF SERVICES

Under the Massachusetts Wetlands Protection Act  
(to be submitted to the Massachusetts Department of  
Environmental Protection and the Conservation Commission  
when filing a Notice of Intent )

I, Benjamin Ewing, hereby certify under the pains and penalties of  
perjury that on 2/ /12 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  
Wetland Protection Bylaw by Bentley Building  
Corporation with the Acton Conservation  
Commission for property located 38 Quarry Road.

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:

Date: 2/ /12

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

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

The Applicant: Bentley Building Corporation  
Address: 12 Murphy Drive, Suite 100, Nashua, NH 03062 Phone: (603) 883-0700

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: 1000 Main Street, Acton MA 01720 Phone: (978) 263-8585

The address of the property where the activity is proposed: 38 Quarry Road

Town Atlas Plate/Map: C-5 Parcel/Lot: 26-14

Project Description: The construction of two single family houses with associated site work within the 100' Buffer Zone of an Isolated Wetland.

Copies of the Notice of Intent may be examined at the Conservation Office, Acton Town Hall, 472 Main Street, Acton. Between the hours of 8:00 A.M. and 4:30 P.M. Monday through Friday. For more information please call the Conservation Office at 978-929-6634.

A Public Hearing will be held at the Acton Town Hall, 472 Main Street, on Wednesday,  
March 7, 2012 at 7:30 P.M.  
(date)

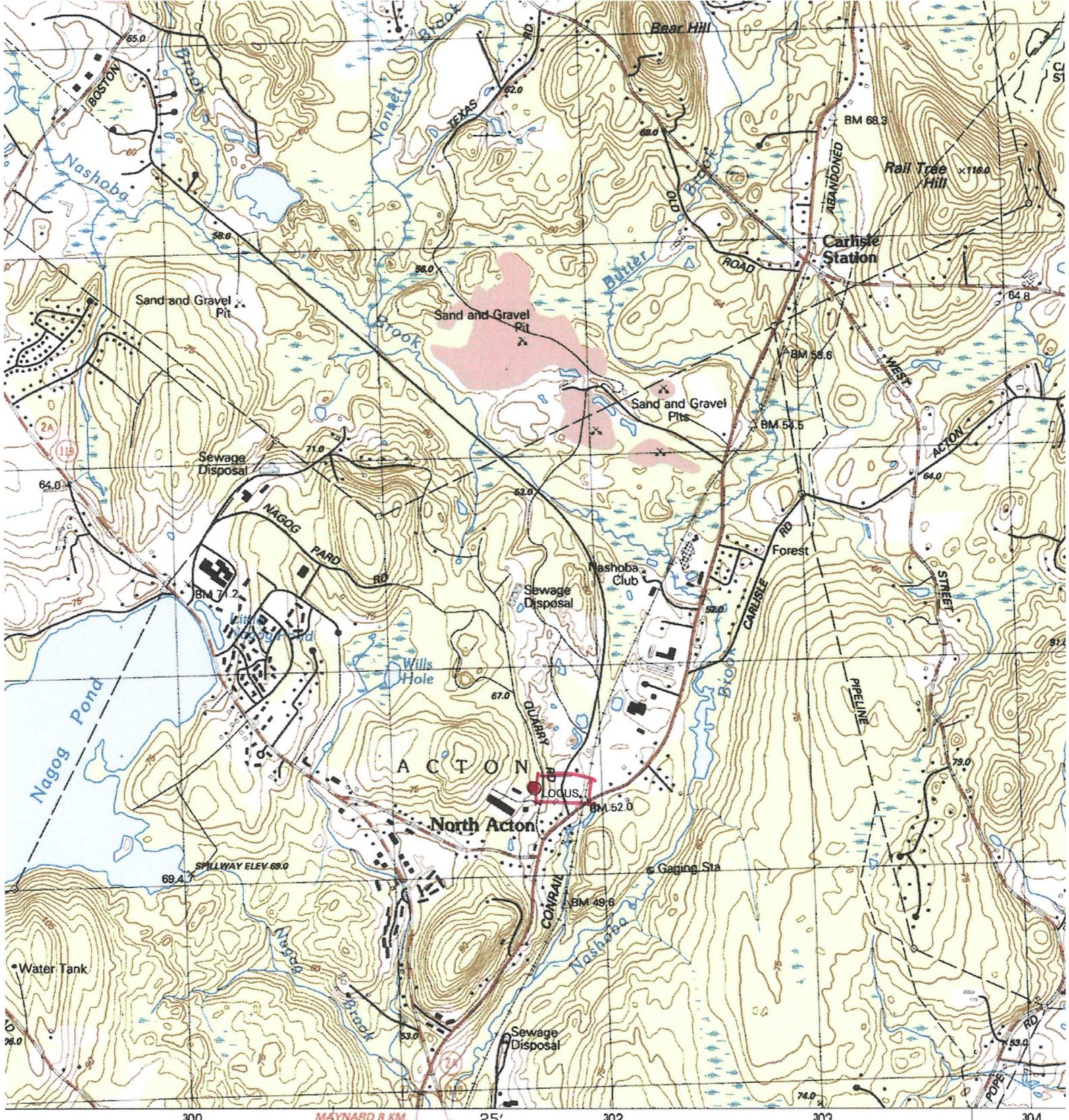
The notice of the public hearing, will be published at least five (5) days in advance in the *Beacon* newspaper or *Metrowest Daily News*.

NOTE: You may also contact your local conservation commission or the nearest Department of Environmental Protection Regional Office for the information about this application or, the Wetlands Protection Act. Acton is in the Central Region. To contact DEP, call:

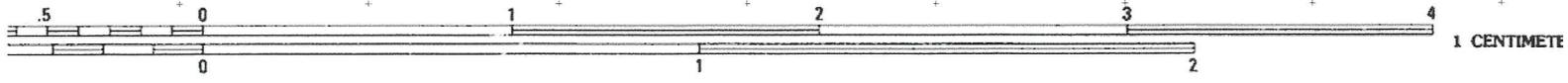
**\*Central Region: 508-792-7650**  
Southeast Region: 508-946-2700

Northeast Region: 978-694-3200  
Western Region: 413-784-1100

**Attachment A**  
**U.S.G.S. Map**



MAYNARD 8 KM.  
WAYLAND 18 KM.  
25'  
4.2 KM. TO MASS. 2



<Default> - 1 Markers, Length = 0 feet LOCUS - 042° 30' 49.3" N, 071° 24' 50.5" W

Name: BILLERICA  
Date: 2/1/112  
Scale: 1 inch equals 2006 feet

Location: 042° 31' 14.8" N 071° 24' 50.0" W  
Caption: 38 Quarry Road  
Acton, MA  
SM-4641A

**Attachment B**  
**WPA Form 4B – Order of Resource**  
**Area Delineation**



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands  
**WPA Form 4B – Order of Resource Area  
Delineation**

Provided by MassDEP:

MassDEP File Number  
85-1051  
eDEP Transaction Number  
ACTON  
City/Town

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

**A. General Information**

From: ACTON  
1. Conservation Commission

2. This Issuance is for (check one):  
a.  Order of Resource Area Delineation  
b.  Amended Order of Resource Area Delineation

3. Applicant:  
Mark  
a. First Name White b. Last Name White  
c. Organization Bentley Building Corp.  
d. Mailing Address 233 Independence Road  
Concord MA 01742  
e. City/Town f. State g. Zip Code

4. Property Owner (if different from applicant):  
a. First Name \_\_\_\_\_ b. Last Name \_\_\_\_\_  
c. Organization \_\_\_\_\_  
d. Mailing Address \_\_\_\_\_  
e. City/Town \_\_\_\_\_ f. State \_\_\_\_\_ g. Zip Code \_\_\_\_\_

5. Project Location:  
a. Street Address 32, 38, 39 Quarry Road Acton MA  
b. City/Town c. Zip Code  
d. Assessor's Map/Parcel Number C-5 38-3, 28-14 & 47  
e. Parcel/Lot Number  
Latitude and Longitude (in degrees, minutes, seconds):  
f. Latitude 042d 07'1d 30"50.8"N g. Longitude 071d 24'50.4"W  
h. Date: a. Date ANRAD filed November 4, 2010 b. Date Public Hearing Closed November 17, 2010 c. Date of Issuance November 17, 2010

7. Title and Date (or Revised Date if applicable) of Final Plans and Other Documents:  
Resource Area Delineation Plan November 17, 2010  
a. Title b. Date  
c. Title d. Date



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands  
**WPA Form 4B – Order of Resource Area  
Delineation**

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MassDEP File Number  
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ACTON  
City/Town

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

**B. Order of Delineation**

1. The Conservation Commission has determined the following (check whichever is applicable):

a.  **Accurate:** The boundaries described on the referenced plan(s) above and in the Abbreviated Notice of Resource Area Delineation are accurately drawn for the following resource area(s):  
1.  Bordering Vegetated Wetlands  
2.  Other resource area(s), specifically:  
a. Isolated Wetland - WF-A1 thru WF-A7 Resource Area as defined and protected under the Acton Wetland Protection Bylaw; Resource Area does not meet definition under the WPA.

b.  **Modified:** The boundaries described on the plan(s) referenced above, as modified by the Conservation Commission from the plans contained in the Abbreviated Notice of Resource Area Delineation, are accurately drawn from the following resource area(s):  
1.  Bordering Vegetated Wetlands  
2.  Other resource area(s), specifically:  
a. \_\_\_\_\_

c.  **Inaccurate:** The boundaries described on the referenced plan(s) and in the Abbreviated Notice of Resource Area Delineation were found to be inaccurate and cannot be confirmed for the following resource area(s):  
1.  Bordering Vegetated Wetlands  
2.  Other resource area(s), specifically:  
\_\_\_\_\_

3.  The boundaries were determined to be inaccurate because:  
\_\_\_\_\_



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands  
**WPA Form 4B – Order of Resource Area  
Delineation**

Provided by MassDEP:

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

**C. Findings**

This Order of Resource Area Delineation determines that the boundaries of those resource areas noted above, have been delineated and approved by the Commission and are binding as to all decisions rendered pursuant to the Massachusetts Wetlands Protection Act (M.G.L. c.131, § 40) and its regulations (310 CMR 10.00). This Order does not, however, determine the boundaries of any resource area or Buffer Zone to any resource area not specifically noted above, regardless of whether such boundaries are contained on the plans attached to this Order or to the Abbreviated Notice of Resource Area Delineation.

This Order must be signed by a majority of the Conservation Commission. The Order must be sent by certified mail (return receipt requested) or hand delivered to the applicant. A copy also must be mailed or hand delivered at the same time to the appropriate DEP Regional Office (see <http://www.mass.gov/dep/about/region/indyour.htm>).

**D. Appeals**

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate DEP Regional Office to issue a Superseding Order of Resource Area Delineation. When requested to issue a Superseding Order of Resource Area Delineation, the Department's review is limited to the objections to the resource area delineation(s) stated in the appeal request. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Request for Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

Any appellants seeking to appeal the Department's Superseding Order of Resource Area Delineation will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order or Determination, or providing written information to the Department prior to issuance of a Superseding Order or Determination.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act, (M.G.L. c. 131, § 40) and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal bylaw or ordinance, and not on the Massachusetts Wetlands Protection Act or regulations, the Department of Environmental Protection has no appellate jurisdiction.



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands  
**WPA Form 4B – Order of Resource Area  
Delineation**

Provided by MassDEP:

MassDEP File Number  
85-1051  
eDEP Transaction Number  
ACTON  
City/Town

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

**E. Signatures**

Date of Issuance \_\_\_\_\_

Please indicate the number of members who will sign this form.

<u>[Signature]</u> Signature of Conservation Commission Member	<u>[Signature]</u> Signature of Conservation Commission Member	Number of Signers _____
<u>[Signature]</u> Signature of Conservation Commission Member	<u>[Signature]</u> Signature of Conservation Commission Member	Number of Signers _____
<u>[Signature]</u> Signature of Conservation Commission Member	<u>[Signature]</u> Signature of Conservation Commission Member	Number of Signers _____

This Order is valid for three years from the date of issuance.

If this Order constitutes an Amended Order of Resource Area Delineation, this Order does not extend the issuance date of the original Final Order, which expires on \_\_\_\_\_ unless extended in writing by the issuing authority.

This Order is issued to the applicant and the property owner (if different) as follows:

2.  By hand delivery on \_\_\_\_\_ 3.  By certified mail, return receipt requested on 12-2-2010

a. Date b. Date

**Attachment C**  
**Massachusetts Natural Heritage Atlas 13<sup>th</sup> Edition**

oliver OLIVER: MassGIS's Online Mapping Tool

Search for a location Pick a town

**Available Data Layers**

Search data layers

- State Facilities
- MassGIS Default Map
- Census 1990
- Census 2000
- Coastal and Marine F
- Conservation / Recre
- Areas of Critical E
- Community Preser
- Canoe Access Poi
- Canoe Trips
- Natural Heritage C
- BioMap2
- NHESP Ecoreg
- NHESP Certific

**Active Data Layers**

Check all Uncheck all

- NHESP Priority
- NHESP Estima
- Areas of Critice
- MassGIS Defar

**Legend**

- NHESP Priority Habitats of
- NHESP Estimated Habitats
- Areas of Critical Environme
- MassGIS Default Map

Basemaps

**Attachment D**  
**Sewage Disposal Plan**

**TEST PIT DATA:** DATE OF TESTING: 7/9/2010  
TEST BY: STAMSKI & McNARY, INC.  
CERT. SOIL EVAL.: BENJAMIN EWING, 2005  
WITNESSED BY: JUSTIN SNAIR

TP-6	220.0	LOAMY SAND TOSS 3/4" MASSIVE, FRABLE 0'-0"	TP-7	224.5	LOAMY SAND TOSS 3/4" MASSIVE, FRABLE 0'-0"
TP-8	211.0	LOAMY SAND TOSS 3/4" MASSIVE, FRABLE 0'-0"	TP-9	214.8	LOAMY SAND TOSS 3/4" MASSIVE, FRABLE 0'-0"
TP-10	211.0	LOAMY SAND TOSS 3/4" MASSIVE, FRABLE 0'-0"	TP-11	209.6	LOAMY SAND TOSS 3/4" MASSIVE, FRABLE 0'-0"
TP-12	212.1	LOAMY SAND TOSS 3/4" MASSIVE, FRABLE 0'-0"	TP-13	REFUSAL @ 20"	
TP-14	REFUSAL @ 30"				

REFUSAL @ 74" MOTTLED @ 48"  
NO G.W. OBS. NO WATER IN OBS. PIPE 11/04/10  
E.S.H.W.T. @ 4'-0" (216.0)

REFUSAL @ 108" MOTTLED @ 72"  
NO G.W. OBS. NO WATER IN OBS. PIPE 11/04/10  
E.S.H.W.T. @ 6'-0" (218.5)

REFUSAL @ 72" MOTTLED @ 42"  
NO G.W. OBS. NO WATER IN OBS. PIPE 11/04/10  
E.S.H.W.T. @ 3'-6" (207.5)

REFUSAL @ 62" MOTTLED @ 42"  
NO G.W. OBS. NO WATER IN OBS. PIPE 11/04/10  
E.S.H.W.T. @ 2'-6" (205.3)

**PERC. TEST DATA:** DATE OF TESTING: 7/9/10  
CERT. SOIL EVAL.: BENJAMIN EWING  
TEST BY: STAMSKI & McNARY, INC.  
WITNESSED BY: JUSTIN SNAIR

PT-C DEPTH OF TEST: 48"  
RATE: <2 MIN/IN

PT-D DEPTH OF TEST: 43"  
RATE: <2 MIN/IN

PT-E DEPTH OF TEST: 48"  
RATE: <2 MIN/IN

DATE OF TESTING: 8/10/2010  
TEST BY: STAMSKI & McNARY, INC.  
CERT. SOIL EVAL.: BENJAMIN EWING, 2005  
WITNESSED BY: JUSTIN SNAIR

TP-10	211.2	LOAMY SAND TOSS 3/4" MASSIVE, FRABLE 0'-0"	TP-11	209.6	LOAMY SAND TOSS 3/4" MASSIVE, FRABLE 0'-0"
TP-12	212.1	LOAMY SAND TOSS 3/4" MASSIVE, FRABLE 0'-0"	TP-13	REFUSAL @ 20"	
TP-14	REFUSAL @ 30"				

REFUSAL @ 72" MOTTLED @ 48"  
NO G.W. OBS. NO WATER IN OBS. PIPE 11/04/10  
E.S.H.W.T. @ 3'-6" (207.7)

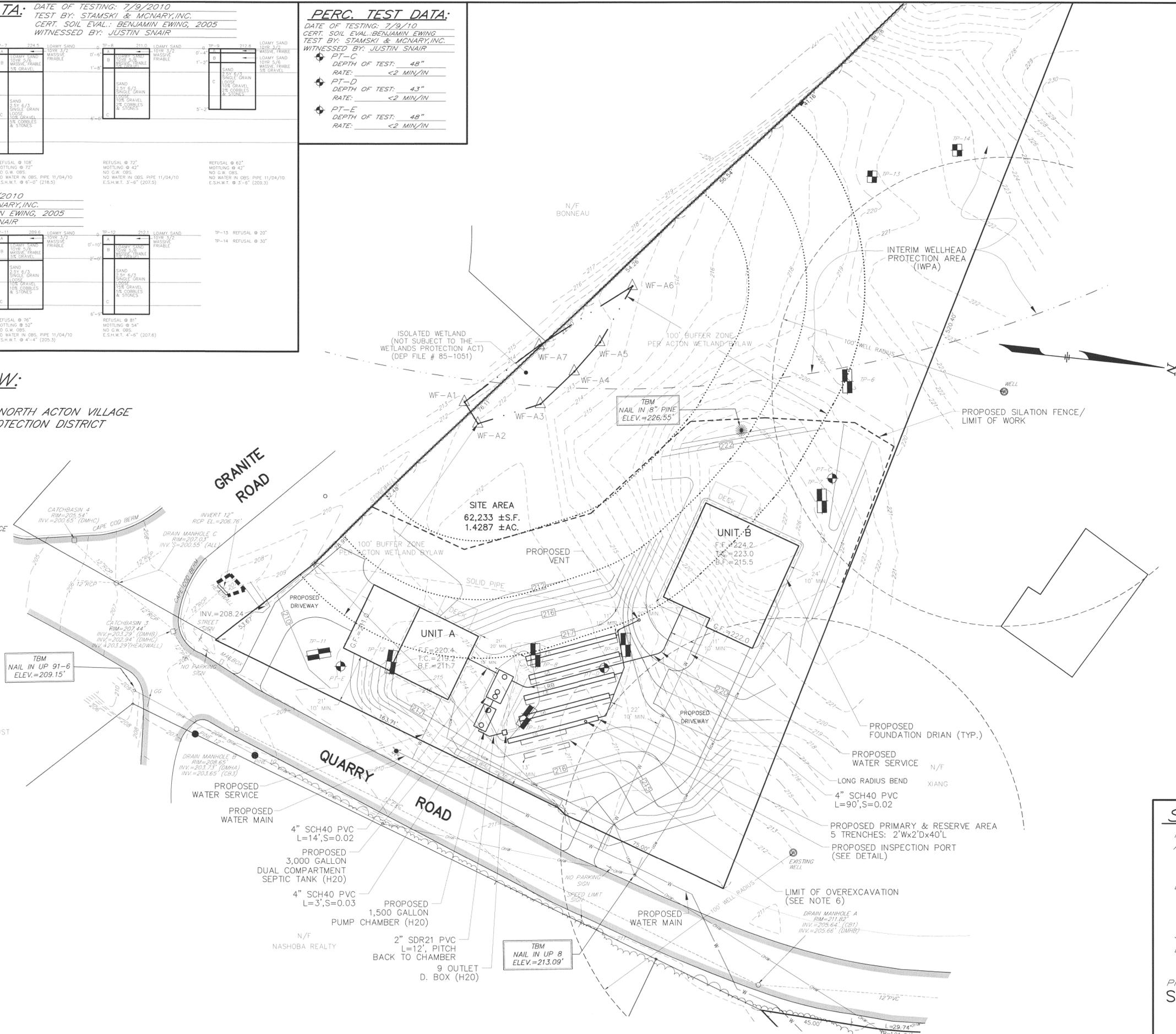
REFUSAL @ 76" MOTTLED @ 54"  
NO G.W. OBS. NO WATER IN OBS. PIPE 11/04/10  
E.S.H.W.T. @ 4'-4" (205.3)

REFUSAL @ 81" MOTTLED @ 54"  
NO G.W. OBS. NO WATER IN OBS. PIPE 11/04/10  
E.S.H.W.T. @ 4'-6" (207.8)

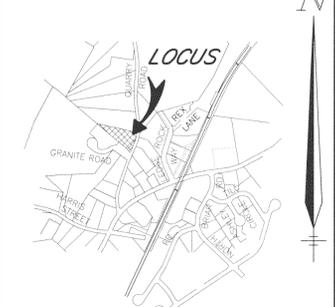
**PLAN VIEW:**

SCALE: 1" = 20'  
ZONING DISTRICT: NORTH ACTON VILLAGE  
GROUNDWATER PROTECTION DISTRICT  
ZONES 3

- LEGEND:**
- FF=FIRST FLOOR
  - TC=TOP OF CONCRETE FOUNDATION
  - BF=BASEMENT FLOOR
  - GF=GARAGE FLOOR
  - W=PROPOSED WATER SERVICE
  - UGW=UNDERGROUND WIRES
  - LRB=LONG RADIUS BEND



**LOCUS PLAN:**



**INVERT ELEVATIONS**

4" INV @ UNIT A	= 216.08
4" INV @ UNIT B	= 217.60
4" INV. @ SEPTIC TANK (IN)	= 215.80
4" INV. @ SEPTIC TANK (OUT)	= 215.55
4" INV. @ PUMP CHAMBER (IN)	= 215.45
4" INV. @ PUMP CHAMBER (OUT)	= 215.20
4" INV. @ D. BOX (IN)	= 216.77
4" INV. @ D. BOX (OUT)	= 216.60

**AT LEACHING AREA:**

PRIMARY & RESERVE

4" INV. @ BEGIN. LINE	4" INV. @ END LINE	4" INV. @ BOTTOM STONE	
TRENCHES 1-2	216.20	216.00	214.00
TRENCHES 3-5	215.70	215.50	213.50

**DESIGN DATA:**

**DESIGN FLOW:**

- 2 UNITS X 4 BR./UNIT = 8 BR.
- 8 BR. X 110 GPD/BR = 880 GPD

**REQUIRED SEPTIC TANK:**

REQUIRED: DUAL COMPARTMENT  
1,760 + 880 = 2,640 GAL. MIN.  
PROVIDED: DUAL COMPARTMENT  
2,000 + 1,000 = 3,000 GAL.

**REQUIRED SIZE SOIL ABSORPTION SYSTEM: PRIMARY & RESERVE**

PERC RATE <2 MIN/INCH  
TITLE 5: CLASS 1 SOIL  
880 GPD/0.74 GPD/S.F. = 1,189 S.F.  
(NO GARBAGE GRINDER ALLOWED)

**TYPE AND SIZE OF SOIL ABSORPTION SYSTEM PROVIDED:**

LEACHING TRENCHES  
5 TRENCHES: 2' W x 2' D x 40' L  
5 TRENCHES x 6 SF/FT X 40 FT = 1,200 S.F. > 1,189 S.F. O.K.  
1,200 SF > 1,000 SF MIN. PER ACTON BOH REG'S

**SEWAGE DISPOSAL PLAN**

PREPARED FOR: BENTLEY BUILDING CORPORATION  
ADDRESS: 12 MURPHY DRIVE, SUITE 100  
NASHUA, NH 03062

LOCATION: 32 & 38 QUARRY ROAD  
ACTON, MA

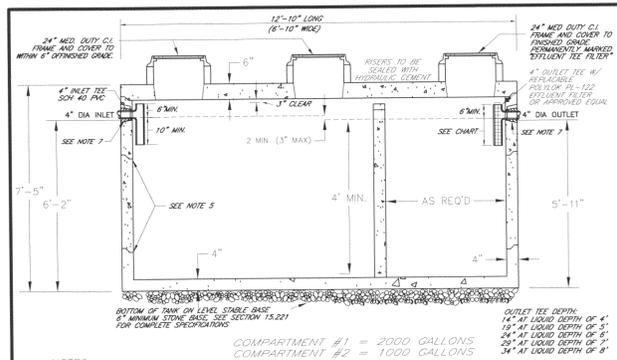
SCALE: AS SHOWN  
DATE: JANUARY 31, 2012

PREPARED BY:  
**STAMSKI AND McNARY, INC.**  
CIVIL ENGINEERS LAND SURVEYORS  
1000 MAIN STREET - ACTON, MA 01720



**NOTES:**

- THIS PLAN IS FOR THE DESIGN AND CONSTRUCTION OF A SEWAGE DISPOSAL FACILITY ONLY.
- ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO TITLE 5 AND THE ACTON BOARD OF HEALTH REGULATIONS.
- 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. THE FILING OF A NOTICE OF INTENT MAY BE REQUIRED AND LOCAL BYLAWS MAY APPLY.
- UNLESS OTHERWISE SHOWN, THERE ARE NO KNOWN WELLS WITHIN 150' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM.
- ACCEPTABLE MATERIAL SPECIFICATIONS FOR DISTRIBUTION LINES: PVC-SCHEDULE 40 (ASTM D 1785 & D 2665), SDR 35 (ASTM D 3034), ABS-SCHEDULE 40 (ASTM F 628). HOPE-SHALL MEET OR EXCEED ASTM F 810 FOR SMOOTH WALL POLYETHYLENE PIPE FOR USE IN DRAINAGE AND WASTE DISPOSAL FIELDS. SCHEDULE 40 PVC SHALL BE USED IN AREAS SUBJECT TO VEHICULAR TRAFFIC.
- ALL TOP, SUBSOIL, FILL, BOULDERS, AND OTHER MATERIALS UNDER AND WITHIN 5' OF THE PROPOSED LEACHING TRENCHES SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL ACCORDING TO TITLE V(2006) SECTION 15.255 "CONSTRUCTION IN FILL."
- PER TITLE 5 REQUIREMENTS, THE DESIGN ENGINEER IS REQUIRED TO INSPECT THE CONSTRUCTION OF THE SEPTIC SYSTEM AND CERTIFY THAT THE SYSTEM IS CONSTRUCTED ACCORDING TO THE PLANS, LOCAL REGULATIONS, AND TITLE 5. IN MOST INSTANCES THE DESIGN ENGINEER IS ALSO REQUIRED TO PREPARE AN "AS-BUILT" PLAN. UNLESS OTHERWISE SPECIFICALLY STATED IN WRITING IN THE CONTRACT BETWEEN OWNER AND INSTALLER, THE INSTALLER SHALL BE RESPONSIBLE FOR COORDINATING INSPECTIONS WITH THE DESIGN ENGINEER AND PAY FOR THESE SERVICES. NOTIFYING THE DESIGN ENGINEER DOES NOT RELIEVE THE OWNER OR INSTALLER FROM THE RESPONSIBILITY OF HAVING THE REQUIRED INSPECTIONS ETC. BY THE BOARD OF HEALTH.
- FINISHED GRADE OVER THE LEACHING AREA SHALL HAVE A MINIMUM SLOPE OF 2%.
- ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES, AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, OR PAVEMENT RESTORATION OR REPAIR. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED, INCLUDING THOSE IN CONTROL OF UTILITIES. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS, THE APPROPRIATE UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. D.I.G. SAFE TELE. NO.: 1-888-344-7233. BECAUSE CONSTRUCTION IS MAINLY ON PRIVATE PROPERTY, WE RECOMMEND UTILITY MARKING SERVICE PRIOR TO CONSTRUCTION. STAMSKI AND McNARY WILL NOT BE HELD RESPONSIBLE FOR DAMAGED UTILITIES.
- ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED. (SEE 310 CMR 15.222)
- SEWER AND WATER MAINS SHALL BE SEPARATED BY A MINIMUM OF 10 FEET. WHERE SEWER CROSSES A WATER LINE AND THE WATER LINE IS NOT AT LEAST 18 INCHES ABOVE THE SEWER LINE, THE WATER LINE SHALL BE ENCASED IN 12 INCHES OF CONCRETE FOR 10 FEET ON EITHER SIDE OF THE SEWER LINE.
- THE INSTALLER SHALL LEAVE ALL PARTS OF THE SEWAGE DISPOSAL SYSTEM VISIBLE FOR INSPECTION AND FIELD SURVEY BY THE DESIGN ENGINEER AND SHALL COORDINATE SCHEDULING.
- MANHOLES BROUGHT TO FINISHED GRADE SHALL BE SECURED AGAINST UNAUTHORIZED ENTRY.
- PROPOSED VENT MAY BE RELOCATED UPON OWNERS REQUEST AND MAY ALSO BE REPLACED WITH AN ALTERNATIVE DESIGN, AVAILABLE FROM VARIOUS MANUFACTURERS.
- ALL DISTURBED SURFACES SHALL BE RESTORED WITH 4" OF LOAM AND SEED.
- POLYLOK EFFLUENT FILTER HAS BEEN APPROVED FOR USE FOR RESIDENTIAL WASTEWATER FOR FLOWS UP TO 1,500 GALLONS PER DAY. APPROVAL OF EFFLUENT TEE FILTER POLYLOK MODEL PL-122 DATED: DECEMBER 23, 1998.

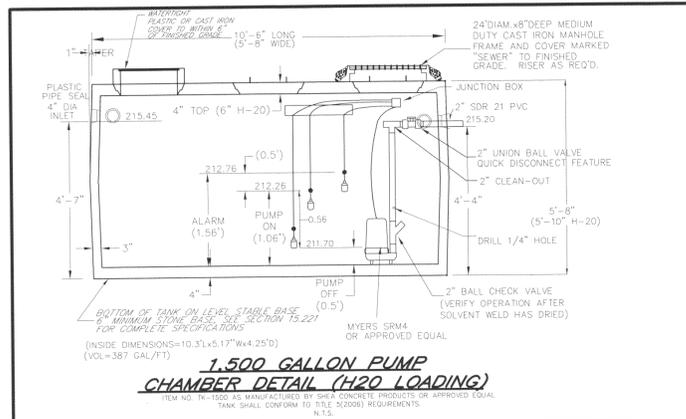


**NOTES:**

- CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.
- DESIGN CONFORMS WITH 310 CMR 15.000, DEP TITLE 5 REGS. FOR SEPTIC TANKS.
- ALL REINFORCEMENT PER ASTM C1227-93.
- DESIGNED FOR H-20 LOADING.
- TONGUE AND GROOVE JOINT SEALED WITH BUTYL RESIN. INLET HEIGHT MAY INCREASE SLIGHTLY DUE TO THE BUTYL RESIN USED.
- TEES AND BAFFLES SOLD SEPARATELY.
- ALL PIPE CONNECTIONS SHALL BE MADE WATERTIGHT BY USE OF A BOOT, HYDRAULIC CEMENT OR COMPARABLE MEANS. EXPANDABLE FORM SPRAY IS NOT ACCEPTABLE.

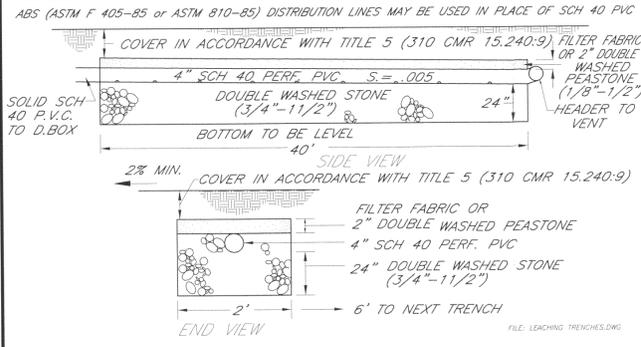
**RESIDENTIAL 3,000 GALLON DUAL COMPARTMENT SEPTIC TANK (H2O)**

TANK SHALL CONFORM TO TITLE 5 (2006) REQUIREMENTS, N.T.S.  
AS MANUFACTURED BY SHEA CONCRETE OR APPROVED EQUAL.

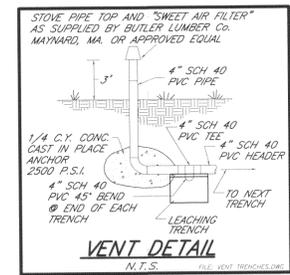
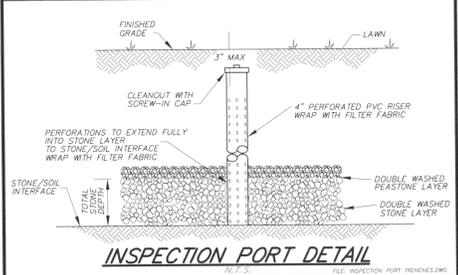
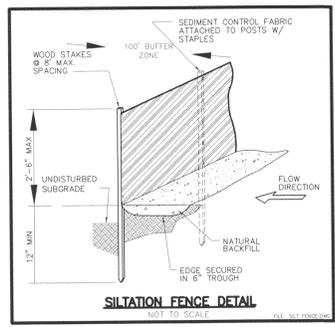
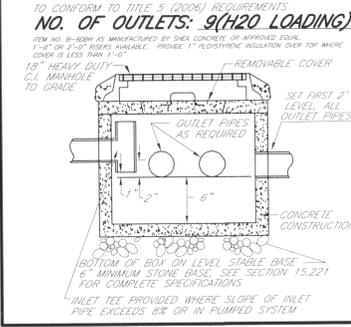


- PUMP NOTES:**
- DESIGN REQUIREMENTS: PUMP CHAMBER CAPACITY: RECOMMENDED: 1,481 GAL PROVIDED: 1,644 GAL DOSING: PROVIDED: .222 GAL (INCLUDES DRAIN BACK)
  - PUMPING CURVE DATA: RATE: 70.0 GPM TDH: 6.3'
  - PUMP AND PUMP ALARMS SHALL BE WIRED ON SEPARATE CIRCUITS.
  - THE PUMP ALARM AND PUMP CONTROL PANEL SHALL BE MOUNTED WITHIN THE BUILDING IN A READILY AUDIBLE AND OBSERVABLE LOCATION SELECTED BY THE OWNER.
  - THERE WILL BE 1,035 GAL OF STORAGE ABOVE THE NORMAL OPERATING LEVEL. (ALARM ON TO INV IN)
  - PUMP SIZE SUBJECT TO VERIFICATION BY SUPPLIER.
  - ALL PUMPS AND CONTROLS SHALL BE SUPPLIED BY THE SAME SUPPLIER.
  - THE SYSTEM SHALL BE PRESSURE TESTED PRIOR TO BACKFILLING.

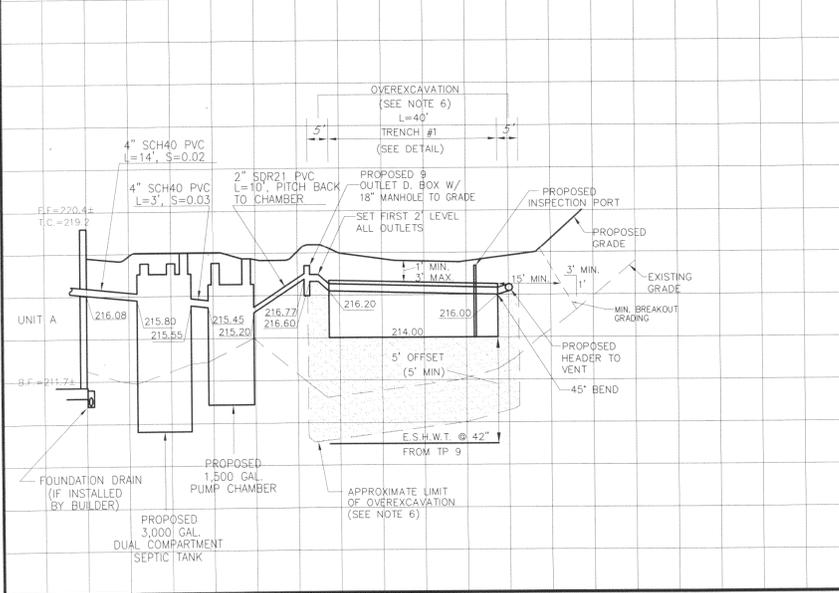
**SOIL ABSORPTION SYSTEM:**



**D. BOX DETAIL:**



**PROFILE: SCALE: 1\"/>**



**SEWAGE DISPOSAL PLAN**

PREPARED FOR: BENTLEY BUILDING CORPORATION  
 ADDRESS: 12 MURPHY DRIVE, SUITE 100  
NASHUA, NH 03062

LOCATION: 32 & 38 QUARRY ROAD  
ACTON, MA

SCALE: AS SHOWN  
 DATE: JANUARY 31, 2012

PREPARED BY:  
**STAMSKI AND McNARY, INC.**  
 CIVIL ENGINEERS LAND SURVEYORS  
 1000 MAIN STREET - ACTON, MA 01720







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
Single Family Dwelling (Bylaw Fee)	2	\$110.00	\$220.00
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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_____	_____	_____	_____
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_____	_____	_____	_____

**Step 5/Total Project Fee:** \$220.00 (Bylaw Fee)

**Step 6/Fee Payments:**

Total Project Fee:	<u>\$220.00 (Bylaw Fee)</u>
State share of filing Fee:	<u>NA</u>
City/Town share of filing Fee:	<u>\$220.00 Bylaw Fee</u>
	<u>c. 1/2 Total Fee plus \$12.50</u>

**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.)