Stamski and McNary, Inc.
Engineering - Planning – Surveying
1000 Main Street Acton, MA 01720 (978) 263-8585

# Notice of Intent

Under the Massachusetts Wetland Protection Act,
G.L. c. 131, s. 40
and
Town of Acton Wetlands Protection Bylaw

**for**

**18 Windemere Drive**
**Acton, MA 01720**

Applicant: Distinctive Acton Homes, Inc.
P.O. Box 985
West Acton, MA 01720

Owner: Liberty Square Realty Trust U-D-T
P.O. Box 1269
Onset, MA 02558

Date: November 18, 2010

SM-4045

# Table of Contents


- Notice of Intent – WPA Form 3
- NOI Wetland Fee Transmittal Form
- Certified Abutters List / Affidavit / Notice to Abutters

Attachments:

A. Project Narrative

B. U.S.G.S. Map

C. Massachusetts Natural Heritage Atlas 13th Edition, Effective: October 1, 2008

D. FEMA Flood Insurance Map

E. Sewage Disposal Plan by Stamski and McNary, Inc. dated: November 18, 2010

# 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

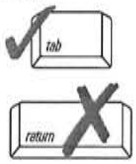
Provided by MassDEP:

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.




## A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

18 Windemere — a. Street Address
Acton — b. City/Town
01720 — c. Zip Code
Latitude and Longitude:
42°27'39" N — d. Latitude
71°29'27" W — e. Longitude
Map G1 — f. Assessors Map/Plat Number
Parcels 280 & 295 — g. Parcel /Lot Number

2. Applicant:

a. First Name
b. Last Name
Distinctive Acton Homes, Inc. — c. Organization
P.O. Box 985 — d. Street Address
West Acton — e. City/Town
MA — f. State
01720 — g. Zip Code
978-266-9751 — h. Phone Number
i. Fax Number
j. Email Address

Note: Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

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

a. First Name
b. Last Name
Liberty Square Realty Trust U-D-T — c. Organization
P.O. Box 1269 — d. Street Address
Onset — e. City/Town
MA — f. State
02558 — g. Zip Code
h. Phone Number
i. Fax Number
j. Email address

4. Representative (if any):

Richard — a. First Name
Harrington — b. Last Name
Stamski and McNary, Inc. — c. Company
1000 Main Street — d. Street Address
Acton — e. City/Town
MA — f. State
01720 — g. Zip Code
978-263-8585 — h. Phone Number
978-263-9883 — i. Fax Number
rjh@stamskiandmcnary.com — j. Email address

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

$110.00 (+$22.00 Bylaw) — a. Total Fee Paid
$42.50 — b. State Fee Paid
$67.50 (+$22.00 Bylaw) — c. City/Town Fee Paid

## A. General Information (continued)

6. General Project Description:

The proposed project is to construct a driveway with associated grading in the Buffer Zone of a BVW to serve a single family dwelling

7a. Project Type Checklist:

1. ☒ Single Family Home
2. ☐ Residential Subdivision
3. ☐ Limited Project Driveway Crossing
4. ☐ Commercial/Industrial
5. ☐ Dock/Pier
6. ☐ Utilities
7. ☐ Coastal Engineering Structure
8. ☐ Agriculture (e.g., cranberries, forestry)
9. ☐ Transportation
10. ☐ 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:

| a. County | b. Certificate # (if registered land) |
|---|---|
| Middlesex South | |
| c. Book | d. Page Number |
| 20000 | 554 |

## 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.

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. ☐ Bank | 1. linear feet | 2. linear feet |
| b. ☐ Bordering Vegetated Wetland | 1. square feet | 2. square feet |
| c. ☐ Land Under Waterbodies and Waterways | 1. square feet | 2. square feet |
| | 3. cubic yards dredged | |

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

| Resource Area | Size of Proposed Alteration | Proposed Replacement (if any) |
|---|---|---|
| d. ☐ Bordering Land Subject to Flooding | 1. square feet | 2. square feet |
| | 3. cubic feet of flood storage lost | 4. cubic feet replaced |
| e. ☐ 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) | |

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)

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.

| Resource Area | Size of Proposed Alteration | Proposed Replacement (if any) |
|---|---|---|
| a. ☐ Designated Port Areas | Indicate size under Land Under the Ocean, below | |
| b. ☐ Land Under the Ocean | 1. square feet | |
| | 2. cubic yards dredged | |
| c. ☐ Barrier Beach | Indicate size under Coastal Beaches and/or Coastal Dunes below | |
| d. ☐ Coastal Beaches | 1. square feet | 2. cubic yards beach nourishment |
| e. ☐ Coastal Dunes | 1. square feet | 2. cubic yards dune nourishment |

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

| | | Size of Proposed Alteration | Proposed Replacement (if any) |
|---|---|---|---|
| f. ☐ | Coastal Banks | 1. linear feet | |
| g. ☐ | Rocky Intertidal Shores | 1. square feet | |
| h. ☐ | Salt Marshes | 1. square feet | 2. sq ft restoration, rehab., creation |
| i. ☐ | Land Under Salt Ponds | 1. square feet<br>2. cubic yards dredged | |
| j. ☐ | Land Containing Shellfish | 1. square feet | |
| k. ☐ | Fish Runs | Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above<br>1. cubic yards dredged | |
| l. ☐ | 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

## 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.

a. ☐ Yes ☒ No **If yes, include proof of mailing or hand delivery of NOI to:**

October 1, 2008
b. Date of map

**Natural Heritage and Endangered Species Program**
**Division of Fisheries and Wildlife**
**Route 135, North Drive**
**Westborough, MA 01581**

## 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/nhesp/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/nhesp/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/nhesp/nhesp.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.

## 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:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694

North Shore - Hull to New Hampshire:

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

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

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

## 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

Joseph March, P.E., P.L.S.
c. Signed and Stamped by

November 18, 2010
d. Final Revision Date

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.

## 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:

| | |
|---|---|
| 1049 (1050 BYLAW) | 11/12/2010 |
| 2. Municipal Check Number | 3. Check date |
| 1048 | 11/12/2010 |
| 4. State Check Number | 5. Check date |
| CHRISTINE | SWEENEY |
| 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.

| | |
|---|---|
| 1. Signature of Applicant | 2. Date 11/12/10 |
| ⊗ Christine M. Sweeney, Trustee | 4. Date 11/12/10 |
| 3. Signature of Property Owner (if different) | |
| ⊗ Barbara A. Sweeney Trustee | 6. Date 11/12/10 |
| 5. Signature of Representative (if any) | |
| ⊗ Brian P. Sweeney TRUSTEE | 11/17/10 |

**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.

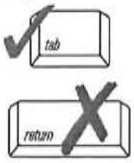
# NOI Wetland Fee Transmittal Form

**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. Applicant:

| a. First Name | b. Last Name |
|---|---|
| | |

Distinctive Acton Homes
c. Organization

P.O. Box 985
d. Mailing Address

| e. City/Town | f. State | g. Zip Code |
|---|---|---|
| West Acton | MA | 01720 |

| h. Phone Number | i. Fax Number | j. Email Address |
|---|---|---|
| 978-266-9751 | | |

2. Property Owner (if different):

| a. First Name | b. Last Name |
|---|---|
| | |

Liberty Square Realty Trust U-D-T
c. Organization

P.O. Box 1269
d. Mailing Address

| e. City/Town | f. State | g. Zip Code |
|---|---|---|
| Onset | MA | 02558 |

| h. Phone Number | i. Fax Number | j. Email Address |
|---|---|---|
| | | |

3. Project Location:

| a. Street Address | b. City/Town |
|---|---|
| 18 Windemere Drive | Acton |

## B. Fees

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

The fee should be calculated using the following six-step process and 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.

**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 |
|---|---|---|---|
| site work without a house | 1 | $110.00 | $110.00 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**Step 5/Total Project Fee:** $110.00

**Step 6/Fee Payments:**

| | |
|---|---|
| Total Project Fee: | $110.00($22.00 Bylaw)<br>a. Total Fee from Step 5 |
| State share of filing Fee: | $42.50<br>b. 1/2 Total Fee **less** $12.50 |
| City/Town share of filling Fee: | $67.50 ($22.00 Bylaw)<br>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.)

**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
Assistant Assessor

**Locus:** 16 and 18 Windemere Drive, 18 and 20 Woodchester Drive, 18 Woodchester Drive Behind and 185 Willow Street
**Parcel ID:** G1-295, G1-280, G1-251,G1-280-4, G1-280-5, and G1-280-3

| Location | Parcel ID | Owner | Co-Owner | Mailing Address | City | ST | Zip |
|---|---|---|---|---|---|---|---|
| 9 TICONDEROGA RD REAR | G1-102 | ACTON WATER DISTRICT | | P.O. BOX 953 | ACTON | MA | 01720 |
| 20 WOODCHESTER DR | G1-248 | MOSHKEVICH ALEXANDER | MOSHKEVICH VERA | 20 WOODCHESTER DRIVE | ACTON | MA | 01720 |
| 16 WOODCHESTER DR | G1-265 | IANELLI JUDITH J | | 16 WOODCHESTER DRI | ACTON | MA | 01720 |
| 14 WOODCHESTER DR | G1-266 | GRIFFITH JOE H | CAROLYN | 14 WOODCHESTER DRI | ACTON | MA | 01720 |
| 12 WOODCHESTER DR | G1-267 | GROGAN THOMAS H | GROGAN DIANE K | 12 WOODCHESTER DR | ACTON | MA | 01720 |
| 10 WOODCHESTER DR | G1-268 | PASQUAROSA EDWARD J | PATRICIA A | 10 WOODCHESTER DR | ACTON | MA | 01720 |
| 8 WOODCHESTER DR | G1-269 | DOHERTY DENNIS R | DOHERTY MARY | 8 WOODCHESTER | ACTON | MA | 01720 |
| 21 WINDEMERE DR | G1-270 | FLAUM MARC D | FLAUM PATRICIA M | 21 WINDEMERE DR | ACTON | MA | 01720 |
| 185 WILLOW ST | G1-280-2 | STOW TOWN OF | TOWN HALL - 380 GREAT RD | PO BOX 261 | STOW | MA | 01775 |
| 20 WINDEMERE DR | G1-281 | DILORENZO CAROLYN | | 20 WINDEMERE DRIVE | ACTON | MA | 01720 |
| 19 WINDEMERE DR | G1-282 | APPLETON SAMUEL | N JOAN | 19 WINDEMERE DRIVE | ACTON | MA | 01720 |
| 15 WINDEMERE DR | G1-290 | BRADY DONALD G | BRADY CAROL L | 15 WINDEMERE DRIVE | ACTON | MA | 01720 |
| 9 WINDEMERE DR | G1-291 | SCHUBERT DAVID H | SCHUBERT CATHRYN W | 9 WINDEMERE DRIVE | ACTON | MA | 01720 |
| 14 WINDEMERE DR | G1-299 | DEFURIA RICHARD M | DEFURIA CATHRYN L | 14 WINDEMERE DR | ACTON | MA | 01720 |
| 12 WINDEMERE DR | G1-300 | SPAULDING TIMOTHY S | SPAULDING TARA V | 12 WINDEMERE DR | ACTON | MA | 01720 |
| 35 DUGGAN RD | G1-304 | RICHARD KATHLEEN W | | 35 DUGGAN RD | ACTON | MA | 01720 |
| 37 DUGGAN RD | G1-306 | ROMANO RONALD P | DIANNE M | 37 DUGGAN ROAD | ACTON | MA | 01720 |
| 36 DUGGAN RD | G1-307 | EVIN NEJDET I | DOLORES M | 36 DUGGAN ROAD | ACTON | MA | 01720 |
| 179 WILLOW ST | G1-310-3 | CARTWRIGHT PAUL J | CARTWRIGHT JANICE | 179 WILLOW STREET | ACTON | MA | 01720 |
| 186 WILLOW ST REAR | G1-314 | QUIRK TERI A | | 337 WEST ACTON RD | STOW | MA | 01775 |
| 186 WILLOW ST REAR | G1-315 | STURGIS ELLEN S | KOPCZYNSKI MICHAEL G | 12 CANTERBURY ROAD | STOW | MA | 01775 |
| 172 WILLOW ST | G1-318 | DITTMER DONALD E | DITTMER JANET | 172 WILLOW ST | ACTON | MA | 01720 |
| 172 WILLOW ST BESIDE | G1-318-2 | STURGIS ELLEN S | KOPCZYNSKI MICHAEL G | 12 CANTERBURY RD | STOW | MA | 01775 |

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.

Daryl Powell 10/16/2010
Property Lister, Acton Assessors Office

10/7/2010

# ABUTTERS LIST
# WEST ACTON ROAD
# MAP R-20 PARCELS 17, 19, 20, 21, 22

| MAP/PARCEL | PROPERTY LOCATION | OWNER NAME 1 | OWNER NAME 2 | MAILING ADDRESS | CITY | STATE | ZIP CODE | DEED BOOK | DEED PAGE |
|---|---|---|---|---|---|---|---|---|---|
| 00R-20 00006A | 226 WEST ACTON RD | TOWN OF STOW | CONSERVATION COMMISS | 380 GREAT ROAD | STOW | MA | 01775 | 29793 | 370 |
| 00R-20 000011 | 274 WEST ACTON RD | JAYNE B MERRICK REVOCABLE TRU | JAYNE B MERRICK TRS | 274 WEST ACTON ROAD | STOW | MA | 01775 | 47708 | 68 |
| 00R-20 000012 | 280 WEST ACTON RD | KING SHAWN J | MAIDARI MONICA M | 280 WEST ACTON RD | STOW | MA | 01775 | 47292 | 75 |
| 00R-20 000013 | 292 WEST ACTON RD | DECKER BARRY K | | 292 WEST ACTON RD | STOW | MA | 01775 | 31562 | 101 |
| 00R-20 000014 | WEST ACTON RD | SWEENEY CHARITABLE REMAINUNITR | SWEENEY CHRISTINE M | PO BOX 1269 | ONSET | MA | 02558 | 26804 | 439 |
| 00R-20 000015 | 304 WEST ACTON RD | KERN CHARLES | | 304 WEST ACTON RD | STOW | MA | 01775 | 15695 | 302 |
| 00R-20 000016 | 310 WEST ACTON RD | FRENCH JON C | ELIZABETH A FRENCH | 310 WEST ACTON RD | STOW | MA | 01775 | 11758 | 412 |
| 00R-20 000017 | WEST ACTON RD | SWEENEY CHARITABLE UNITRUST | SWEENEY CHRISTINE M T | P O BOX 1269 | ONSET | MA | 02558 | 24222 | 87 |
| 00R-20 000018 | 324 WEST ACTON RD | YOSHIZAKI KAZUO | YOSHIZAKI YUKIE | 324 WEST ACTON ROAD | STOW | MA | 01775 | 42846 | 275 |
| 00R-20 000019 | WEST ACTON RD | COLONIAL REALTY TRUST | SWEENEY PAUL TR | P O BOX 1269 | ONSET | MA | 02558-1269 | 11743 | 440 |
| 00R-20 000020 | WEST ACTON RD | COLONIAL REALTY TRUST | SWEENEY PAUL TR | P O BOX 1269 | ONSET | MA | 02558-1269 | 11743 | 440 |
| 00R-20 000021 | WEST ACTON RD | COLONIAL REALTY TRUST | SWEENEY PAUL TR | P O BOX 1269 | ONSET | MA | 02558-1269 | 20646 | 205 |
| 00R-20 000022 | WEST ACTON RD | COLONIAL REALTY TRUST | SWEENEY PAUL TR | P O BOX 1269 | ONSET | MA | 02558-1269 | 11743 | 440 |
| 00R-20 000023 | 337 WEST ACTON RD | QUIRK TERI A | | 337 WEST ACTON ROAD | STOW | MA | 01775 | 39835 | 186 |
| 00R-20 000024 | 12 CANTERBURY RD | STURGIS ELLEN S | MICHAEL G KORCZYNSKI | 12 CANTERBURY RD | STOW | MA | 01775 | 20721 | 111 |
| 00R-20 000026 | 7 CANTERBURY RD | TIMOTHY LAUREN DONAHUE LIVING TR | DONAHUE TIMOTHY C, LAUREN A TRS | 7 CANTERBURY RD | STOW | MA | 01775 | 51238 | 574 |
| 00R-20 000028 | 3 CANTERBURY RD | DUPREY JONATHAN A | DUPREY JANE RITA | 3 CANTERBURY RD | STOW | MA | 01775 | 45385 | 371 |
| 00R-20 000030 | 315 WEST ACTON RD | FLYNN ROBERT P | DENISE G FLYNN | 315 WEST ACTON RD | STOW | MA | 01775 | 16818 | 149 |
| 00R-20 000032 | 303 WEST ACTON RD | RAMSLAND SHARLET | | 303 WEST ACTON RD | STOW | MA | 01775 | 52014 | 531 |
| 00R-20 00001A | OFF WEST ACTON RD | MORSE DAVID D | NICHOLS SR LANCE S | 1171 LIBERTY SQUARE RD | BOXBOROUG | MA | 01719 | 48827 | 194 |

**Certified by the Stow Board of Assessors:** Louise D. Reid, MAA **Date Certified or Re-Certified:** 10/7/10

**Conservation**

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, Evan Stidham, hereby certify under the pains and penalties of perjury that on 11/29/2010 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 Massachusetts Wetlands Protection Act by Distinctive Acton Homes, Inc. with the Acton Conservation Commission for property located at 18 Windemere, Map G1, Parcels 280 & 295.

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: 11/29/2010

**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 Distinctive Acton Homes, Inc.
Address: P.O. Box 985, West Acton, MA, 01720; Phone: (978) 266-9751
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: 18 Windemere Drive.
Town Atlas Map/Parcel: Map G1, Parcels 280 & 295.

Project Description: The project is to construct a single family dwelling with driveway and grading within the Buffer Zone of a Bordering Vegetated 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 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, December 15th 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.

**Attachment A**
**Project Narrative**

**Existing Conditions**

The site of the project is a 6.11 ac parcel on the Stow-Acton border. The site features frontage along Windemere Drive in Acton. Resource areas onsite include Bordering Vegetated Wetlands that have been confirmed through ORAD #299-0477 in Stow and ORAD #085-0938 in Acton. Within the BVW, there is also a Potential Vernal Pool that has been delineated by B & C Associates (see Vernal Pool Study).

**Project Description**

The purpose of this project is to construct a single family dwelling. The proposed dwelling will require construction of a portion of its driveway with associated grading with the Buffer Zone of the BVW in Acton only. There is to be no work within any Resource Area or Buffer Zone within the Town of Stow. The dwelling will be approximately 100' from the BVW while the driveway will keep approximately 76' from the BVW. Grading disturbances will remain 52' from the BVW. No work is proposed within 100' of the Potential Vernal Pool. The site will be serviced by town water. The complete septic system, including septic tank, distribution box, soil absorption system, and breakout, will be upland outside of the Buffer Zone. Haybale siltation barriers will be used during construction to prevent any potential erosion from reaching the Resource Area.

**Resource Area Descriptions**

The resource area on the site is Bordering Vegetated Wetland (BVW) with a Potential Vernal Pool. The BVW is located along the western portion of the lot. The BVW was delineated by B & C Associates and confirmed through ORAD #299-0477 in Stow and ORAD #085-0938 in Acton. .

**Streamlined Natural Heritage Project Description**

The area of work is not located within an area of Estimated Habitat of Rare Wildlife as indicated on the most recent Estimated Habitat Map, Oct. 1, 2008.

**Compliance with General Performance Standards for BVW 310 CMR 10.55(4):**

The General Performance Standards for a Bordering Vegetated Wetland have been met since the proposed activity does not involve removing, filling, dredging or altering of a BVW. The proposed siltation controls will prevent indirect alteration of wetlands during construction.

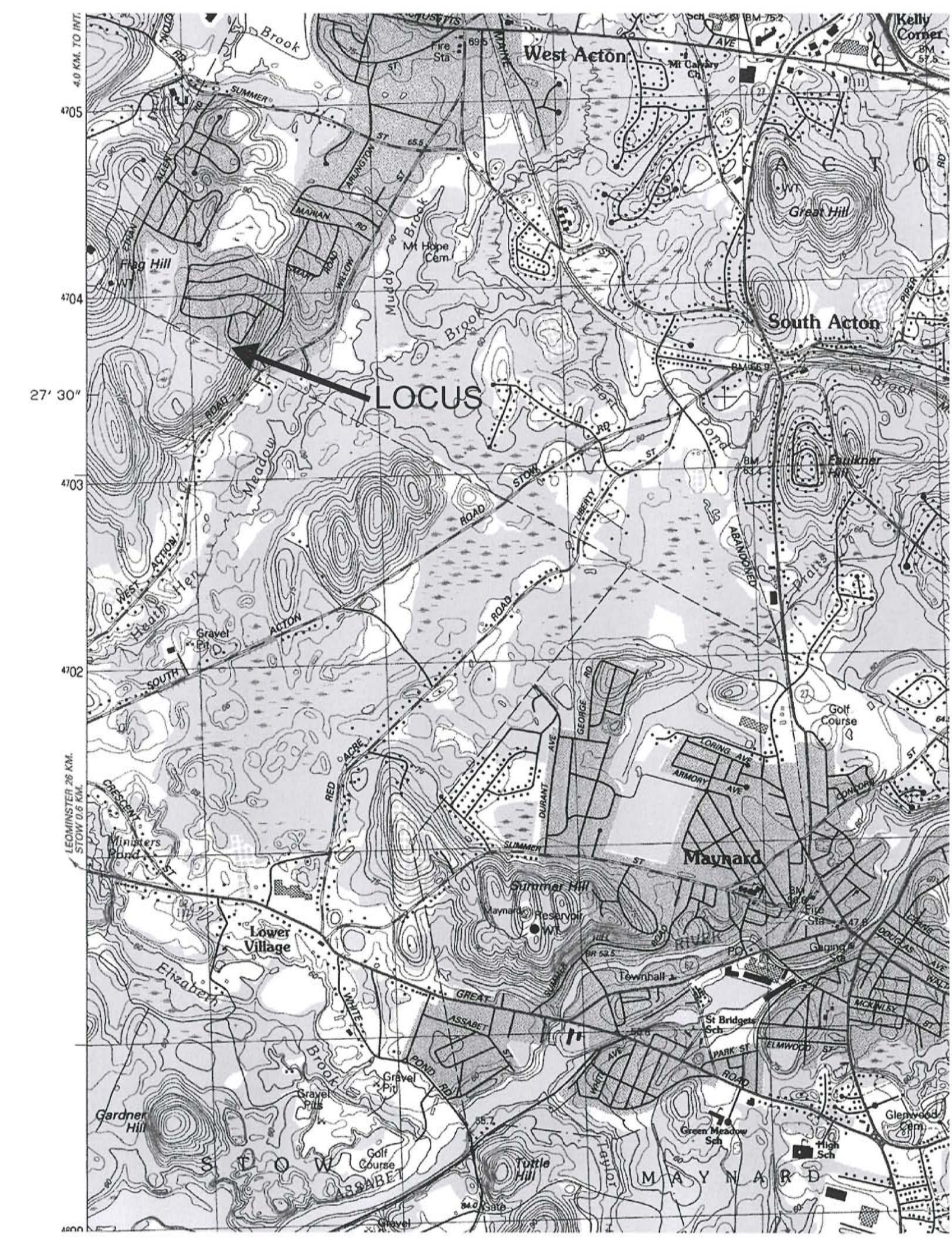
**Town of Acton Wetlands Protection Bylaw:**

The proposed project complies with the Bylaw for setbacks for new activities. A 50' setback of undisturbed natural vegetation will be preserved. The driveway will be 76' from the BVW and the proposed dwelling will be 100' from the BVW. There will be no disturbances within 100' of the Potential Vernal Pool. Haybale siltation barriers are proposed to mitigate any potential erosion during construction.

Summary:

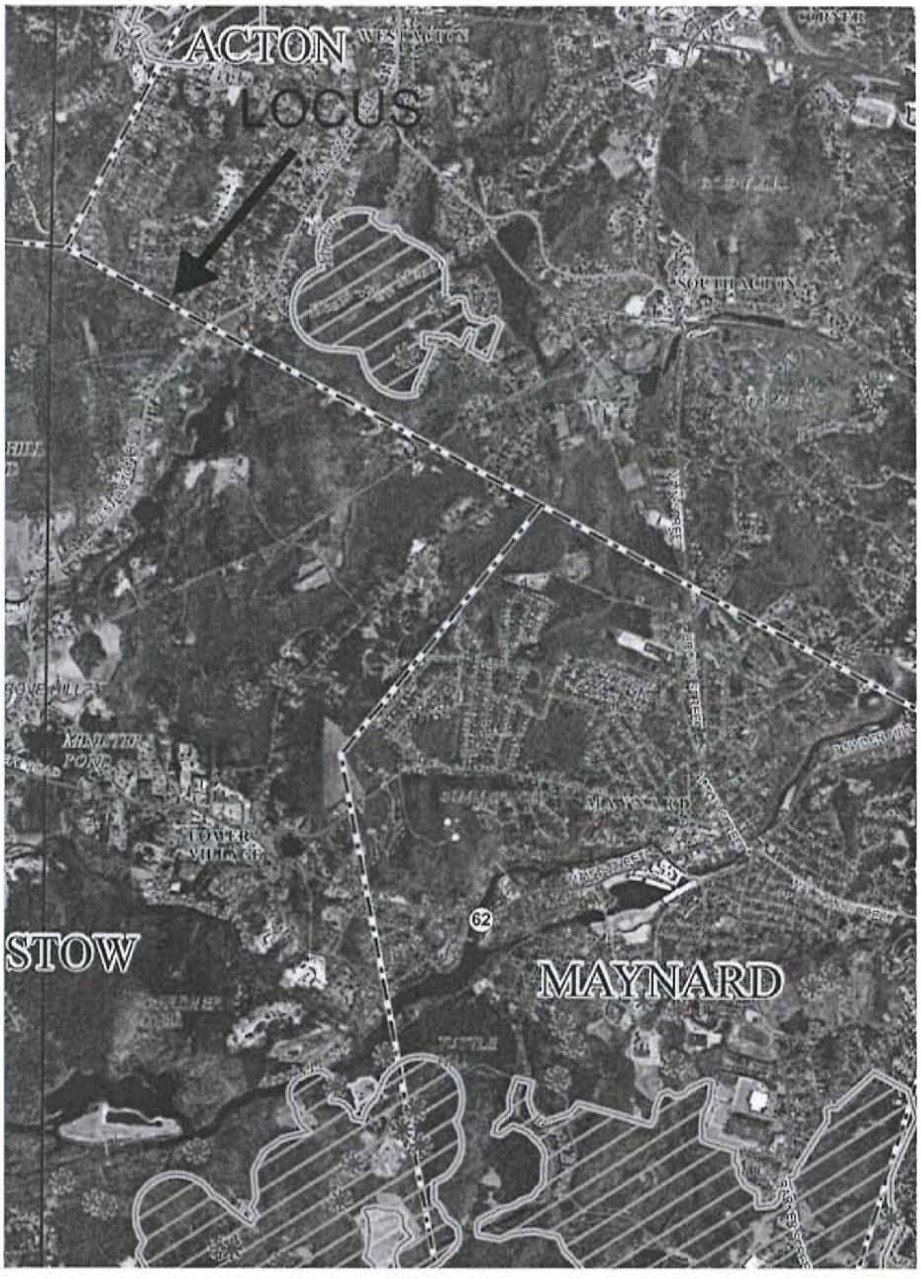
The project has been designed to meet the performance standards of the Wetland Protection Act and to comply with the local Bylaw. Erosion controls have been proposed to protect wetland resource areas during construction. The complete septic system is outside of the Buffer Zone and all other applicable setbacks for the dwelling and pavement have been maintained. There will be no disturbances within 100' of the Potential Vernal Pool.

**Attachment B**
**U.S.G.S. Map**

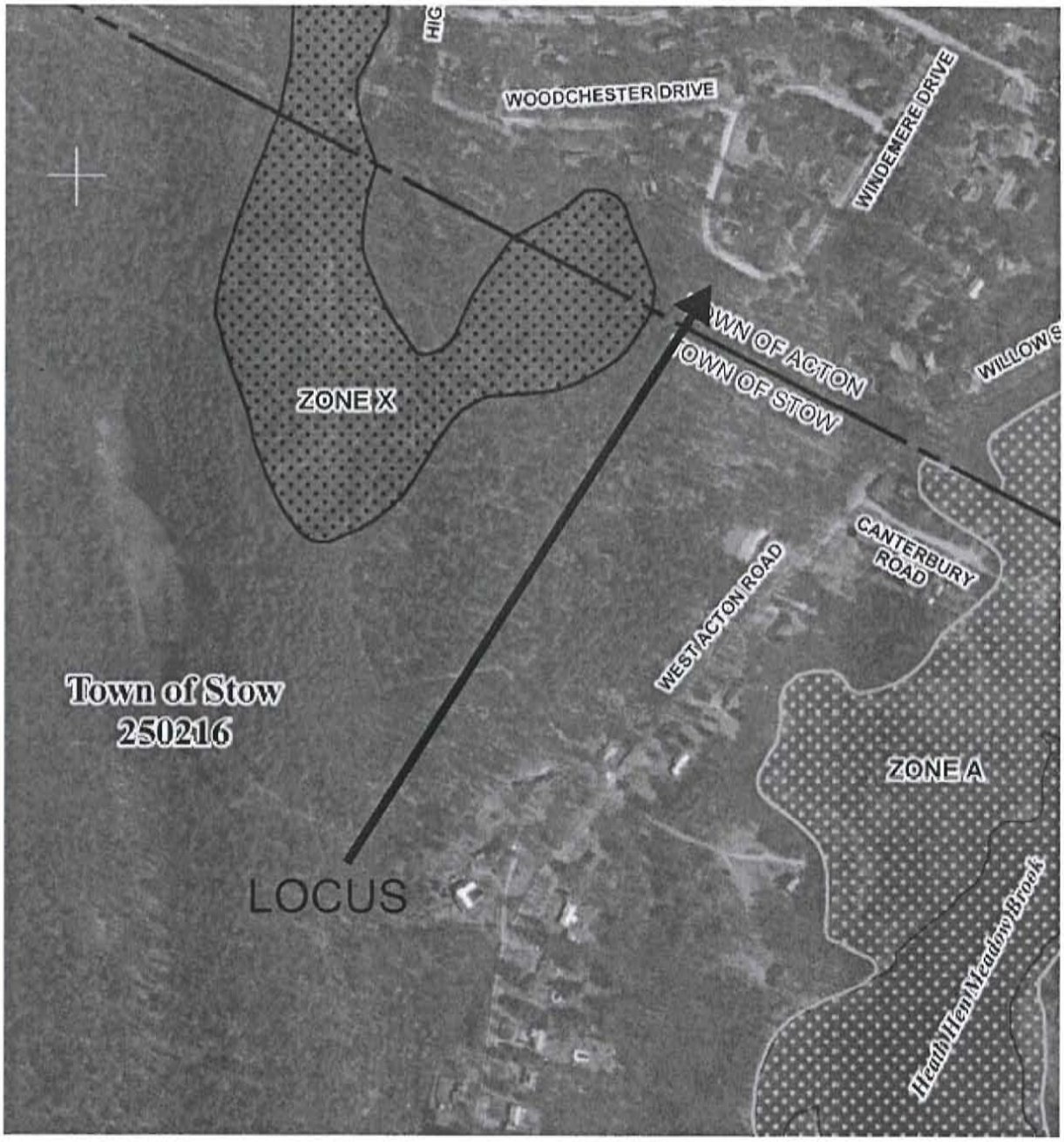


LOCUS
West Acton
South Acton
Maynard
Lower Village
Kelly Corner
Great Hill
Flag Hill
Mt Hope Cem
Muddy Brook
Brook
Meadow
Heath Hen
Gravel Pit
Faulkner Hill
Golf Course
Summer Hill
Maynard Reservoir
Townhall
St Bridgets Sch
Green Meadow Sch
High Sch
Glenwood Cem
Tuttle Hill
Gardner Hill
Ministers Pond
Elizabeth
Taylor
Gravel Pits
Fire Sta
Mt Calvary Ch
Pratts
Pond
Fort
Brook
4.0 KM. TO INT.
LEOMINSTER 26 KM.
STOW 0.6 KM.
27′ 30″
4705
4704
4703
4702
4600

**Attachment C**
**Massachusetts Natural Heritage Atlas 13th Edition**


ACTON
LOCUS
STOW
MAYNARD
62

**Attachment D**
**FEMA Flood Insurance Map**


HIG
WOODCHESTER DRIVE
WINDEMERE DRIVE
WN OF ACTON
OWN OF STOW
WILLOW S
ZONE X
CANTERBURY ROAD
WEST ACTON ROAD
Town of Stow
250216
ZONE A
LOCUS
Heath Hen Meadow Brook

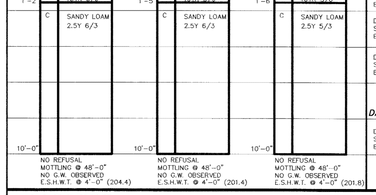
**Attachment E**
**Sewage Disposal Plan by Stamski and McNary, Inc.**

# TEST PIT DATA:

TEST BY: STAMSKI AND MCNARY,INC.
WITNESSED BY: JACK WALLACE, STOW B.O.H.

DATE OF TESTING: TP 59-1 (8/21/07); TP 59-1 & 59-2 (8/3/10)
CERT. SOIL EVAL.: RICHARD HARRINGTON, P.E.

TEST BY: MARK DONAHOE & PETER SHERIDAN
DATE OF TESTING: 4/8/97




DTH-497-1 (211.0)
SANDY LOAM TO 9'-0"
E.S.H.W.T. @ 2'-6" (208.5)

DTH-497-2 (209.7)
SANDY LOAM TO 9'-1"
E.S.H.W.T. @ 2'-0" (207.7)

DTH-497-3 (209.0)
SANDY LOAM TO 9'-0"
E.S.H.W.T. @ 2'-0" (207.0)

DATE OF TESTING: 7/28/97

DTH-797-1 (211.0)
SANDY LOAM TO 6'-8"
E.S.H.W.T. @ 2'-0" (209.0)

# PERC. TEST DATA:

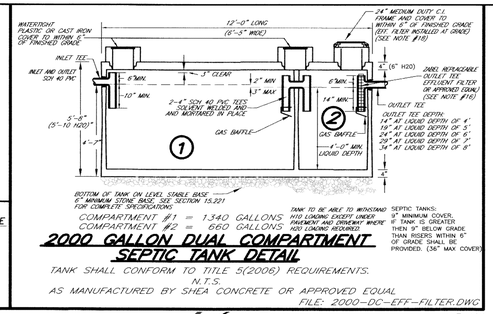
TEST BY: STAMSKI & MCNARY,INC.
WITNESSED BY: JACK WALLACE, STOW B.O.H.

DATE OF TESTING: 8/21/07 & 8/3/10
CERT. SOIL EVAL.: RICHARD HARRINGTON, PE

- PT-59 (8/21/07)
  DEPTH OF TEST: 44"
  RATE: 13 MIN/IN
- PT-59-1
  DEPTH OF TEST: 52"
  RATE: 17 MIN/IN
- PT-59-2
  DEPTH OF TEST: 45"
  RATE: 22 MIN/IN

DATE OF TESTING: 7/28/97
CERT. SOIL EVAL.: PETE SHERIDAN & MARK DONAHOE

- PT-A
  DEPTH OF TEST: 48"
  RATE: 15 MIN/IN
- PT-B
  DEPTH OF TEST: 50"
  RATE: 12 MIN/IN




TANK TO BE ABLE TO WITHSTAND H10 LOADING EXCEPT UNDER PAVEMENT AND DRIVEWAY WHERE H20 LOADING APPLIES

SEPTIC TANKS:
9" MINIMUM COVER.
IF TANK IS GREATER THEN 9" BELOW GRADE, RISERS WITHIN 6" OF GRADE SHALL BE PROVIDED. (36" MAX COVER)

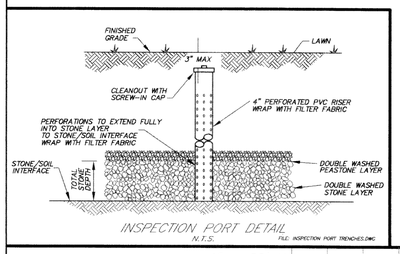
COMPARTMENT #1 = 1340 GALLONS
COMPARTMENT #2 = 660 GALLONS

## 2000 GALLON DUAL COMPARTMENT SEPTIC TANK DETAIL

TANK SHALL CONFORM TO TITLE 5(2006) REQUIREMENTS.
N.T.S.
AS MANUFACTURED BY SHEA CONCRETE OR APPROVED EQUAL
FILE: 2000-DC-EFF-FILTER.DWG

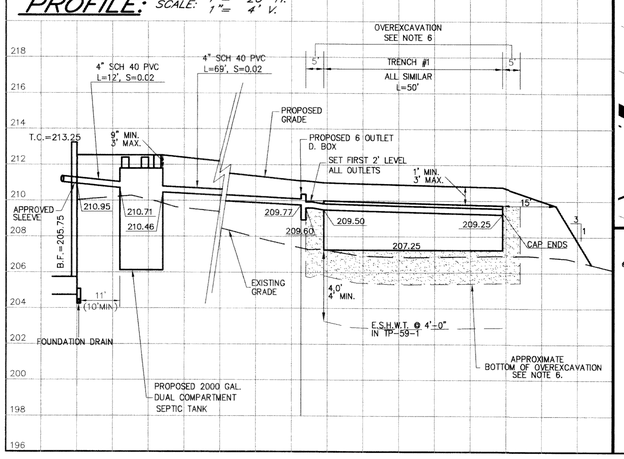
# NOTES:

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, TOWN OF ACTON BOARD OF HEALTH AND THE STOW 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. THE FILING OF A NOTICE OF INTENT MAY BE REQUIRED AND LOCAL BYLAWS MAY APPLY.
4. 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)
   HDPE-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.
5. UNLESS OTHERWISE SHOWN, THERE ARE NO KNOWN WELLS WITHIN 200' OF THE PROPOSED SEWAGE DISPOSAL SYSTEM NOR ARE THERE ANY SEWAGE DISPOSAL SYSTEMS WITHIN 100' OF THE PROPOSED WELL.
6. ALL TOP AND SUBSOIL WITHIN 5' OF THE PROPOSED LEACHING TRENCHES SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL ACCORDING TO TITLE 5 (2006) SECTION 15.255 "CONSTRUCTION IN FILL".
7. PER TITLE 5 REQUIREMENTS, THE DESIGN ENGINEER IS REQUIRED TO INSPECT 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 BETWEEN OWNER AND INSTALLER, THE 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.
8. FINISHED GRADE OVER THE LEACHING AREA SHALL HAVE A MINIMUM SLOPE OF 2%
9. THE FIRST TWO FOOT SECTIONS OF PIPE FROM THE D. BOX SHALL BE SET LEVEL.
10. THE SYSTEM SHALL BE STAKED AND THE BENCHMARK SET IN THE FIELD BY THE DESIGN ENGINEER.
11. 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
12. THE USE OF A GARBAGE DISPOSAL IS PROHIBITED.
13. THE USE OF THIS PLAN REQUIRES THE FOLLOWING VARIANCES FROM THE TOWN OF STOW BOARD OF HEALTH REGULATIONS:
    A. LEACHING AREA REQUIREMENT REGULATION:
       125% PROVIDED
    B. REGULATION FOR THE DRAINAGE AND MINIMUM DEPTH TO WATER TABLE OF SEPTIC SYSTEMS SITING AND DESIGN REQUIREMENTS – REQUEST WAIVER TO MODIFY THE FINISHED GRADE OF A LEACHING AREA BY MORE THAN A MEAN LEVEL OF TWO FEET.
14. ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED.
15. SEWER MANHOLES BROUGHT TO FINISH GRADE SHALL BE SECURED TO PREVENT UNAUTHORIZED ACCESS.
16. ZABEL EFFLUENT TEE FILTER SHALL BE INSTALLED IN COMPLIANCE WITH APPROVAL ISSUED AUGUST 11, 1997. ALL SEWER MANHOLES AT FINISHED GRADE SHALL BE SECURED TO PREVENT UNAUTHORIZED ACCESS. COVER SHALL BE PERMANENTLY MARKED "EFFLUENT TEE FILTER".



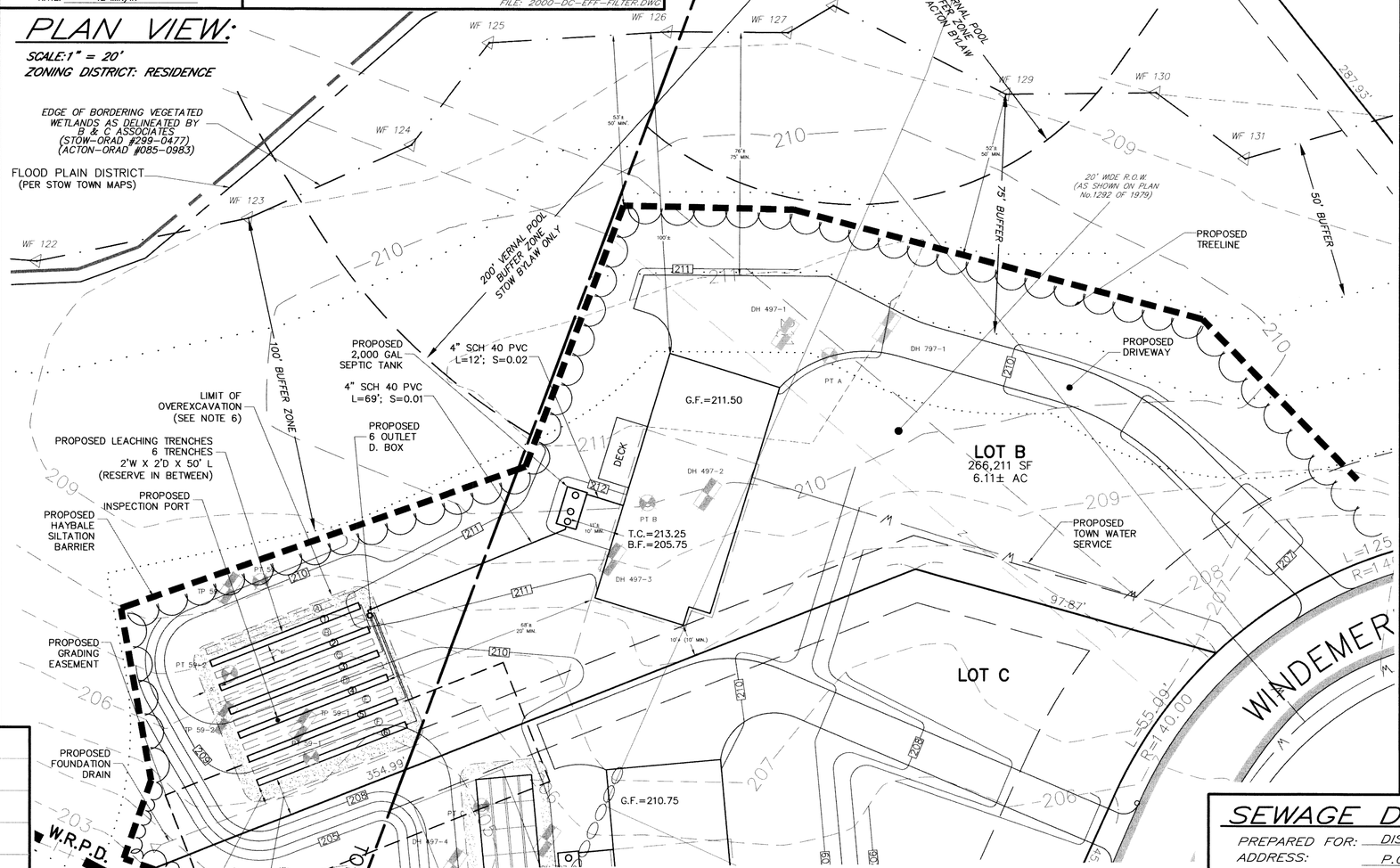

INSPECTION PORT DETAIL
N.T.S.
FILE: INSPECTION PORT TRENCHES.DWG

# PROFILE: SCALE: 1"= 20' H. 1"= 4' V.

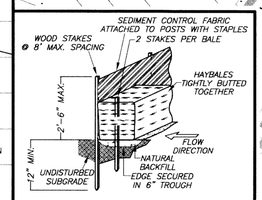



# PLAN VIEW:

SCALE:1" = 20'
ZONING DISTRICT: RESIDENCE



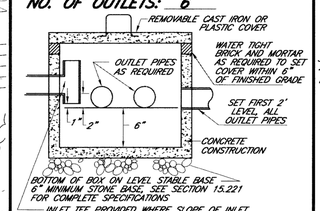

# SILTATION BARRIER DETAIL




N.T.S.
FILE: SILT BARRIER.DWG

# D.BOX DETAIL:

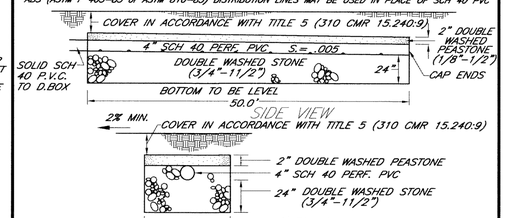
N.T.S.
TO CONFORM TO TITLE 5 (2006) REQUIREMENTS
NO. OF OUTLETS: 6




FILE: D BOX.DWG

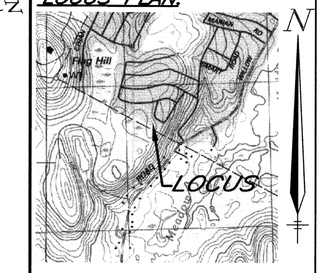
# SOIL ABSORPTION SYSTEM:

ABS (ASTM F 405-85 or ASTM 810-85) DISTRIBUTION LINES MAY BE USED IN PLACE OF SCH 40 PVC




FILE: LEACHING TRENCHES.DWG

# LOCUS PLAN:




# INVERT ELEVATIONS:

| | |
|---|---|
| 4" INV. @ BUILDING | = 210.95 |
| 4" INV. @ SEPTIC TANK (IN) | = 210.71 |
| 4" INV. @ SEPTIC TANK (OUT) | = 210.46 |
| 4" INV. @ D.BOX (IN) | = 209.77 |
| 4" INV. @ D.BOX (OUT) | = 209.60 |

AT LEACHING FACILITY:

PRIMARY:

| TRENCH # | 4"INV.@ BEGIN. LINES | 4"INV.@ END LINES | BOTTOM STONE |
|---|---|---|---|
| 1 | 209.50 | 209.25 | 207.25 |
| 2 | 209.00 | 208.75 | 206.75 |
| 3 | 208.75 | 208.50 | 206.50 |
| 4 | 208.25 | 208.00 | 206.00 |
| 5 | 207.75 | 207.50 | 205.50 |
| 6 | 207.50 | 207.25 | 205.25 |

RESERVE:

| TRENCH # | 4"INV.@ BEGIN. LINES | 4"INV.@ END LINES | BOTTOM STONE |
|---|---|---|---|
| A | 209.75 | 209.50 | 207.50 |
| B | 209.25 | 209.00 | 207.00 |
| C | 208.75 | 208.50 | 206.50 |
| D | 208.25 | 208.00 | 206.00 |
| E | 208.00 | 207.75 | 205.75 |
| F | 207.75 | 207.50 | 205.50 |

# DESIGN DATA:

DESIGN FLOW:
5 BR. X 110 GPD/BR = 550 GPD

REQUIRED SEPTIC TANK:
REQUIRED: 1100 + 550 = 1,650 GAL
DUAL COMPARTMENT (PER BOH)
PROVIDED: 1,340 + 660 = 2,000 GAL

REQUIRED SIZE SOIL ABSORPTION SYSTEM:
@ 25 MIN./INCH
TITLE 5: CLASS II SOIL
550 GPD/0.4 GPD/S.F.=1,375 S.F.
1,375 S.F. X 1.25*=1,719 S.F.
*SEE NOTE 13.

TYPE AND SIZE OF SOIL ABSORPTION SYSTEM PROVIDED:
PRIMARY & RESERVE:
6 TRENCHES: 2'W X 2'D X 50'L
6 TRENCHES X 6 S.F./FT X 50 FT=
1,800 S.F. > 1,719 S.F. OK

# SEWAGE DISPOSAL PLAN

PREPARED FOR: DISIITNCTIVE ACTON HOMES, INC.
ADDRESS: P.O. BOX 985
ACTON, MA 01720
(978) 266-9751
LOCATION: LOT B (ACTON & STOW)
WINDEMERE DRIVE
ACTON, MA
SCALE: AS SHOWN
DATE: NOVEMBER 18, 2010

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

JOSEPH MARCH CIVIL No.49472 REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

DESIGNED BY: ECS DRAWN BY: ECS JOB No. SM-4045 FILE: 4045SDS.DWG