



WPA Form 1- Request for Determination of Applicability

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

A. General Information

Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

<u>Madge Wait</u> Name	<u>mwait@etime.net</u> E-Mail Address	
<u>180 Nagog Hill Road</u> Mailing Address		
<u>Acton</u> City/Town	<u>MA</u> State	<u>01720</u> Zip Code
<u>978-621-7872</u> Phone Number	<u>978-635-0361</u> Fax Number (if applicable)	

2. Representative (if any):

<u>Acton Survey & Engineering, Inc.</u> Firm		
<u>Mark Donohoe</u> Contact Name	<u>actonsurvey@actonsurvey.com</u> E-Mail Address	
<u>Post Office Box 666</u> Mailing Address		
<u>Acton</u> City/Town	<u>MA</u> State	<u>01720</u> Zip Code
<u>978-263-3666</u> Phone Number	<u>978-635-0218</u> Fax Number (if applicable)	

B. Determinations

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

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

Acton
Name of Municipality

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



WPA Form 1- Request for Determination of Applicability

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

C. Project Description (cont.)

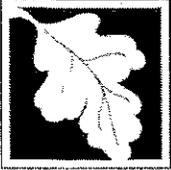
b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

10.52 Purpose - the replacement of an existing SAS with a system conforming to regulations with all construction activities taking place within established lawn/landscaped area will allow for the system to be constructed and maintained in a manner that will protect the interests identified by the WPA and Acton Bylaw.

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

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

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



WPA Form 1- Request for Determination of Applicability

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

D. Signatures and Submittal Requirements

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

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

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

Name and address of the property owner:

Madge Wait
Name

180 Nagog Hill Road
Mailing Address

Acton
City/Town

MA 01720
State Zip Code

Signatures:

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

Seth Donohoe 5/2/13
Signature of Applicant Date
Seth Donohoe, Acton Survey as Agent

Seth Donohoe 5/2/13
Signature of Representative (if any) Date
Seth Donohoe, Acton Survey & Engineering



PO Box 666, 97 Great Road, Suite 6
Acton, MA 01720
Phone: 978-263-3666 Fax: 978-635-0218
actonsurvey@actonsurvey.com

ASE 7100

May 6, 2013

Acton Board of Health
472 Main Street
Acton, MA 01720

RE: 180 Nagog Hill Road

Dear Board Members:

Please accept this letter as our client's request for a variance from your Regulation 11-6.1.1 as required to allow the septic tank and pump chamber proposed to serve the residence at 180 Nagog Hill Road to be located 30 feet from an on site bordering vegetated wetland. Your Regulations requires a 75 foot offset for all system components and Title 5 [15.211] requires a 25 foot offset.

This letter is also to request that a local upgrade approval be granted under the provision of BRP/DWM/PeP-P00-4 to allow the use of a particle size analysis to determine the long term application rate used for the design of the subsurface sewage disposal system.

Septic Tank and Pump Chamber Offset

The placement of the septic tank and pump chamber structures is mandated by the presence of historic fieldstone retaining walls and constraints placed on the relocation of interior plumbing by the foundations and expected presence of bedrock. The fieldstone wall forms a transition between the residence and the meadow adjacent to Nagog Hill Road.

It appears that the retaining walls were constructed around bedrock or large boulders.

The location of the soil absorption system [SAS] at other locations on the site would not change the location of the septic tank and pump chamber.

The area to the north of the house is framed and restricted by other buildings and contains the well serving the property. A system located in this area would be most likely situated above ground and require significant grading and other works to control stormwater impacts on the buildings.

The area to the west of the house and the intermittent stream/wetland system has rolling topography, typical of a ground moraine. Constructing an SAS in this location, if shallow bedrock is not present, would require removal of mature trees and a significant importation of fill. A wetland crossing suitable for construction vehicles will be required.

Locating the structures as proposed will allow the pipes entering the structures to be located at the level of the ground surface at the walls' southern or lower ends and allow the required cover fill to

blend with the ends of the retaining walls. We believe that the one foot groundwater offset between pipe entrances and groundwater as required by 15.277(5) is achieved. The groundwater level in the nearby dug well was four feet, or more, below the pipe inverts.

Force Main

Gravity flow between the house and the SAS is possible with extensive alterations to the retaining walls.

The use of a pump chamber and force main was chosen to allow preservation of the walls and a significant view from Nagog Hill Road.

Cover over a force main is independent of pipe hydraulics and allows for the pipe to dip below the ground surface to achieve adequate cover. Frost penetration in landscaped areas that are not subject to snow is not as deep as in paved areas and the presence of shallow groundwater will also serve to decrease penetration.

The vertical offset between the pump chamber piping and the distribution box will not result in vapor lock with a two inch pipe provided with a weep hole.

Particle Size Analysis

The soil evaluations were performed on April 4, 2013 and soils were observed to be saturated to the extent that movements of the excavator beyond the available entrance from Nagog Hill Road to other areas of the property were not possible.

The performance of a percolation test was deemed to be impossible and the use of the alternative particle size analysis was necessary.

The use of the particle size analysis resulted in the LTAR being the maximum rate [lowest gpd/sf] required for the soil classification, and resulted in the largest SAS for the soil classification being utilized.

It is our understanding that the use of a particle size analysis restricts the granting of relief from other requirements of Title 5 when compliance can be demonstrated to be met.

The design utilizes Cultec Contactor C-4 Chambers, which are an innovative/alternative [I/A] system, to decrease the footprint of the system and decrease the height of the mound. A conventional bed system would have a footprint of 1333 square feet as compared to the 880 square feet required by the proposed system, and would require an additional mound height of 10". The trench system shown on the proof plan has a footprint of 1120 square feet and would require an increase in mound height of 2 feet.

Reduction in the groundwater offset cannot be achieved by the use of another I/A system as compliance with the offset has been demonstrated to be possible.

Property Lines

As shown by the plan, the property lines in this portion of the site are defined by stonewalls, and we found full agreement between the distances measured on the ground and those shown on plans of record.

The fence along Nagog Hill Road was found to be located just inside the right-of-way [ROW] line, and the corner of the retaining wall directly north of the SAS is at the ROW. The presence of these physical features negates the need for a formal demarcation of the ROW.

We also suggest that reversing the road shoulder slope to be toward rather than away from the traveled way will enhance road safety.

Summary

The requested relief from 11-6.1.1 will allow the proposed structures to be located in such a way so as to lessen impacts to the historic retaining walls, allow for economies in construction, allow the pipe entrances to be above groundwater, and should provide protections to human health and the environment.

Utilization of a particle size analysis to determine the LTAR was required by soil moisture conditions, and the use of Cultec Contactor C-4 chambers allowed the four foot offset between the bottom of the SAS and estimated high groundwater elevation to be maintained.

In summary, the proposed subsurface sewage disposal system provides an economical solution that respects the aesthetic of the property without decreasing protections to human health and the environment.

Please contact us if you should have any questions, desire additional information, or if our attendance at a public hearing concerning this matter should be required.

Thank you for any consideration you may give.

Very truly yours,

Mark T. Donohoe, PE
for: Acton Survey & Engineering, Inc.

cc: Madge Wait
Conservation Commission

**NOTIFICATION TO ABUTTERS
UNDER THE MASSACHUSETTS WETLANDS PROTECTION ACT
AND THE TOWN OF ACTON WETLANDS 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 Applicant: Madge Wait

Address 180 Nagog Hill Road Phone 978-263-3666 (Representative)

has filed a Request for Determination of Applicability with the Acton Conservation Commission seeking permission to remove, fill, dredge or alter an Area Subject to Protection under the Wetlands Protection Act.

Applicant's Representative: Acton Survey & Engineering, Inc.

Address 97 Great Road, Suite 6, Acton, MA Phone 978-263-3666

The address of the property where the activity is proposed 180 Nagog Hill Road

Town Atlas Plate/Map D4 Parcel/Lot 31

Project Description Replacement of septic system serving existing house

For more information please contact the Conservation Office at 978-929-6634 or email NR@acton-ma.gov. Copies of the Request for Determination of Applicability 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.

A Public Hearing will be held at the Acton Town Hall, 472 Main Street, on Wednesday,
May 15, 2013 at 7:30 P.M.
(date)

The notice of the 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 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:

***DEP Central Region: 508-792-7650
627 Main Street, Worcester MA 01608**

GENERAL NOTES:

1. PLAN WAS PREPARED FOR NAMED CLIENT TO SHOW THE DESIGN OF THE SUBSURFACE SEWAGE DISPOSAL SYSTEM IN ACCORDANCE WITH TITLE 5 AND ANY MORE RESTRICTIVE REGULATIONS OF THE BOARD OF HEALTH.
2. DESIGN IS BASED UPON A TOPOGRAPHIC PLAN SHOWING THE VISUALLY APPARENT FEATURES OF THE SITE IN THE ENVIRONS OF THE SYSTEM AND THE SUBSURFACE EXPLORATIONS LISTED ON THIS PLAN.
3. PROPERTY LINES ARE BASED ON THE PLAN REFERENCED AND SHALL BE CONFIRMED AS BEING MOST RECENT PRIOR TO CONSTRUCTION.
4. PRIOR TO CONSTRUCTION, CONTRACTOR/OWNER SHALL REVIEW CURRENT ZONING, WETLANDS, AND ALL OTHER REGULATIONS THAT MAY AFFECT THIS PLAN.
5. THE BUILDINGS, DRIVEWAY, AND SEPTIC TANK CONFIGURATION MAY BE ALTERED WITH THE APPROVAL OF THE ENGINEER AND THE BOARD OF HEALTH.
6. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PLAN DEFICIENCIES PRIOR TO INITIATION OF CONSTRUCTION AND ALL DEFICIENCIES FOUND DURING CONSTRUCTION SHALL BE REPORTED ON THE DAY DISCOVERED.
7. ALL KNOWN DRINKING WATER WELLS WITHIN 200 FEET OF THE SEWAGE DISPOSAL SYSTEM, AND ALL KNOWN SEWAGE DISPOSAL SYSTEMS WITHIN 200 FEET OF THE WELL, ARE SHOWN OR INDICATED.
8. THE SEWAGE DISPOSAL SYSTEM SHALL BE OFFSET A MINIMUM OF 10 FEET FROM ANY DRAIN OR PROPERTY LINE, 50 FEET FROM ANY SURFACE WATERS OR WETLANDS, 100 FEET FROM DRINKING WATER WELLS, OR AS OTHERWISE REQUIRED BY STATE AND LOCAL REGULATIONS.
9. ANY ALTERATIONS WITHIN 100' OF WETLANDS REQUIRE A FILING WITH THE CONSERVATION COMMISSION.

CONSTRUCTION NOTES:

1. CONTRACTOR SHALL CALL DIG SAFE (1-888-344-7233) PRIOR TO CONSTRUCTION.
2. MATERIALS AND WORKMANSHIP SHALL CONFORM TO THESE PLANS, TITLE 5, BOARD OF HEALTH REGULATIONS, AND ALL OTHER APPLICABLE REGULATIONS UNLESS SPECIFIED OTHERWISE IN WRITING.
3. STRUCTURES, PIPE, STONE AND FILL SHALL BE INSTALLED ON SUITABLE BEARING MATERIALS, FREE OF ORGANIC MATTER.
4. ALL STRUCTURES SHALL BE OF AN APPROVED DESIGN, SET LEVEL ON 6 INCHES OF CRUSHED STONE, AND BE MADE WATER TIGHT. SEPTIC TANK TEES SHALL BE OF LENGTH REQUIRED BY TITLE 5 (THOSE SHOWN ARE FOR FOUR FOOT LIQUID DEPTH). WATER TIGHT RISERS TO WITHIN 6" OF FINAL GRADE ARE REQUIRED ON ALL TANK AND D-BOX ACCESS PORTS WHEN COVER EXCEEDS 9".
5. ALL GRAVITY PIPING SHALL BE 4" AND LAID 1/8" TO LINE AND GRADE WITH SECURE WATER TIGHT JOINTS AND BE BEDDED AND BACKFILLED AS REQUIRED BY MANUFACTURER.
 - A. THE BUILDING SEWER SHALL BE SCHEDULE 40 PVC, CAST OR DUCTILE IRON, OR AN APPROVED EQUAL.
 - B. SOLID AND PERFORATED PIPES UNDER PAVEMENT SHALL BE SCHEDULE 40 PVC, OR THE APPROVED EQUIVALENT.
 - C. DISTRIBUTION LINES SHALL BE SCHEDULE 40 PVC/ABS, SDR 35 PVC, OR HDPE-ASTM D 3034.
6. GRAVITY LINES SHALL HAVE THE FOLLOWING MINIMUM SLOPES:
 - A. BUILDING TO SEPTIC TANK, 0.02 FT/FT.
 - B. SEPTIC TANK TO DISTRIBUTION BOX 0.01 FT/FT.
 - C. DISTRIBUTION BOX TO LINES 0.005 FT/FT.
7. DISTRIBUTION BOX OUTLETS SHALL BE LEVEL FOR THE FIRST TWO FEET AND AN INLET TEE CUT OFF ONE INCH ABOVE OUTLETS SHALL BE INSTALLED IF INLET PIPE EXCEEDS 0.08 FT/FT OR IF PIPE IS A FORCE MAIN.
8. D-BOX SHALL BE WITHIN 6 INCHES OF FINAL GRADE AS SHOWN ON PLAN, OR SHALL HAVE A PRECAST CONCRETE RISER FURNISHED BY D-BOX MANUFACTURER. PUDDLE 9" WIDE MORTAR RING 3 INCHES ABOVE AND BELOW JOINT.
9. ALL LARGE BOULDERS, ROOTS AND OTHER UNSUITABLE MATERIALS ENCOUNTERED IN EXCAVATIONS SHALL BE REMOVED.
10. ALL SURFACES SHALL BE SCARIFIED PRIOR TO THE PLACEMENT OF FILL OR STONE, TO ENHANCE INFILTRATIVE CAPABILITIES.
11. WHEN GRAVEL FILL IS REQUIRED, ALL ORGANIC MATERIALS SHALL BE REMOVED AND FILL CONFORMING TO REQUIREMENTS OF 310CMR 15.255 SHALL BE PLACED IN A MANNER TO INSURE SUPPORT AND PERCOLATION.
12. ALL BACKFILL SHALL BE CLEAN EARTHEN MATERIALS FREE OF LARGE STONES AND FROZEN MATERIALS. BACKFILL SHALL BE PLACED TO SUPPORT THE SYSTEM, INSURE PROPER RUNOFF AND BE STABILIZED TO PREVENT EROSION.
13. COVER OVER STRUCTURES AND LEACHING WORKS SHALL BE A MINIMUM OF 9 INCHES AND A MAXIMUM OF 36 INCHES.
14. ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE, OR APPROVED EQUAL.
15. SEPTIC TANK EFFLUENT TEE SHALL HAVE A DEP-APPROVED EFFLUENT FILTER WITH HANDLE EXTENDING TO WITHIN 3" OF C.I. FRAME AND COVER EXTENDED TO GRADE OVER OUTLET.
16. SEPTIC SYSTEM COMPONENTS TO BE STAKED BY PROFESSIONAL LAND SURVEYOR PRIOR TO CONSTRUCTION.
17. ALL EXISTING SEPTIC COMPONENTS SHALL BE PUMPED, CRUSHED, AND BACKFILLED AND ABANDONED ACCORDING TO 310 CMR 15.354.

EROSION & SEDIMENT CONTROL

GENERAL

A rapid and well ordered construction program shall be the primary erosion control method utilized at this site.

With the exception of runoff from Nagog Hill Road, the quantity of water necessary to cause erosion should not be present and runoff from Nagog Hill Road should be precluded from entering the area being disturbed by construction by the placement of a staked silt sock along the road shoulder. This uphill barrier shall remain in place until runoff onto the site is precluded by grading or all surfaces are erosion resistant or the stone swale is in place.

TEMPORARY CONSTRUCTION ENTRANCE

Topsoil and other materials unsuitable for supporting vehicle movements shall be removed and crush stone shall be placed to allow vehicles, including special structure transport trucks, to safely enter and exit the site.

The entrance shall be near the retaining wall to provide the maximum offset to wetlands.

Due to site constraints the length of the entrance may not be sufficient to remove all materials from tires under all conditions and any materials carried to Nagog Hill Road shall be removed upon observation.

TANK PLACEMENT

The septic tank and pump chamber shall be placed early in the construction process to eliminate the passage of vehicles near the d-box and to allow flexibility in their placement to accommodate unknown site conditions.

Provisions shall be made to protect the existing tank if it has not been abandoned.

Excavations for, placement and backfill to the top of the structures shall be scheduled for two contiguous workdays.

Prior to any excavations a silt fence shall be installed as shown on the plan. The bottom of the fence shall be sealed by a staked silt sock.

Runoff onto the disturbed surfaces around the structures shall be diverted to the maximum extent possible. A sand bag dike is an alternative.

STRIPPING

Topsoil and other earthen materials that can be reused shall be stockpiled in the area shown. Stockpiling shall not exceed a period of ten days.

It is during the stripping process that runoff from Nagog Hill Road could result in water becoming concentrated on disturbed areas and possibly cause erosion. The silt sock shall be inspected and properly maintained during this period.

The flat field and wall between the area to be stripped and the wetlands should provide sufficient mechanisms to intercept sediment, but the field itself should be protected from sedimentation that could smother grass. Care in the stripping operation rather than erosion barriers will provide for adequate protections.

EXISTING SOIL ABSORPTION SYSTEM [SAS] REMOVAL

The existing SAS appears to be in the area of the proposed SAS and shall be removed as necessary.

The SAS shall be dewatered by a seepage hauling truck as required to achieve soil conditions that will allow for excavations without runoff. Pipes and structures shall be removed from the site on the date excavated. Earthen materials may be used as breakout fill if deemed acceptable by the Board of Health otherwise they shall be removed from the site once they have become sufficiently dry to allow transportation.

PLACEMENT OF FILL

Fill shall be placed to the extent possible so that runoff from its surface is precluded.

The transport to, discharge and placement of fill shall be continuous process. The stockpiling of fill for placement at a latter date is prohibited.

In general all but intense rainfall should be absorbed by the fill, but as safety measure if intense rainfall is expected the fill should be "dished" to provide further protections.

INSTALLATION OF SYSTEM

The placement of the chambers and backfill shall be scheduled for completion in contiguous workdays. Runoff from Nagog Hill Road shall not enter the site during the installation of the SAS.

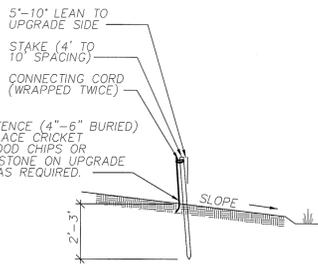
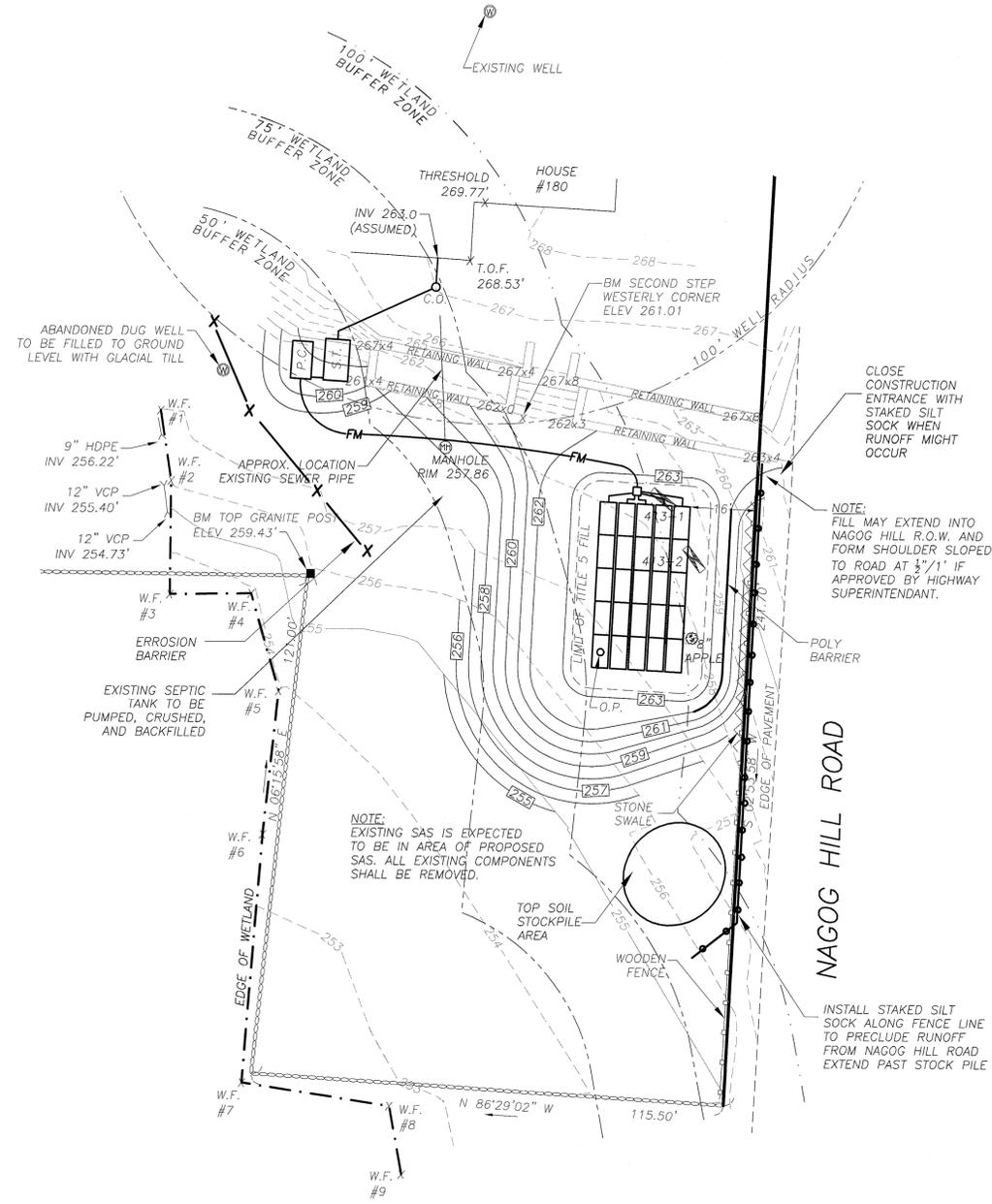
SITE STABILIZATION

All areas of disturbance shall be brought to an erosion resistant state as soon as possible with vegetation appropriate for finished conditions.

The area of the SAS and associated fill shall become an established lawn/meadow by seeding with an appropriate mixture of native grasses that will allow rapid and long term stabilization.

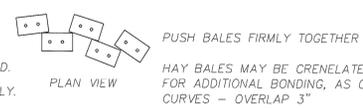
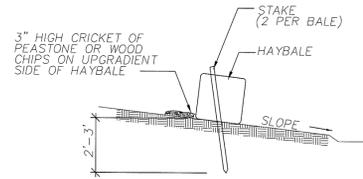
Vinca or other well rooted ground cover maybe appropriate for steeper slopes.

The stone swale shall be installed to protect the toe of slope toward Nagog Hill Road, unless the road shoulder improvements negate the need for its installation.



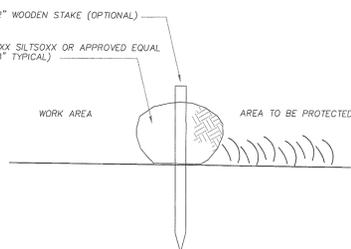
NOTES:

1. FENCES SHALL BE LOCATED AT LIMIT OF WORK, OR AS SHOWN ON PLANS.
2. PENETRATE OR "SNUG" GROUND WITH BOTTOM FOR ENTIRE LENGTH.
3. DO NOT INSTALL IN A MANNER WHICH WILL CONCENTRATE RUNOFF.
4. BACK FENCE WITH STAKED HAYBALES IN HIGH RISK AREAS.
5. MAINTAIN AND REMOVE FENCE AS REQUIRED.
6. REMOVE PRODUCTS OF EROSION FREQUENTLY.



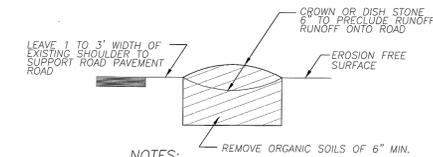
EROSION CONTROL BARRIER DETAIL

(TWO ALTERNATIVES)
N.T.S.



EROSION CONTROL SOCK DETAIL

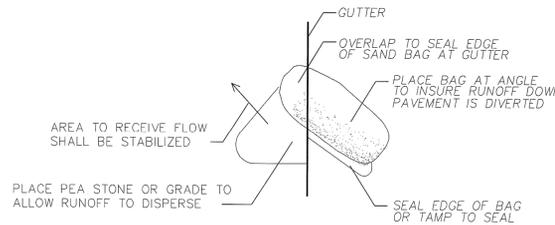
N.T.S.



- NOTES:**
1. STONE SHALL BE 1-3" IN SIZE AND INSTALLED TO REMOVE AND ENTRAP MATERIALS FROM TIRES AND NOT BE TRANSPORTED TO ROAD.
 2. STONE SHALL EXTEND ACROSS FULL WIDTH OF ENTRANCE AND BE OF SUFFICIENT LENGTH TO PRECLUDE MUD FROM REACHING ROAD.
 3. STONE SHALL BE REPLACED AS REQUIRED TO INSURE MUD REMOVAL.
 4. CONSTRUCTION ENTRANCE SHALL BE A MINIMUM OF 50 FEET IN LENGTH.

TEMPORARY CONSTRUCTION ENTRANCE

N.T.S.

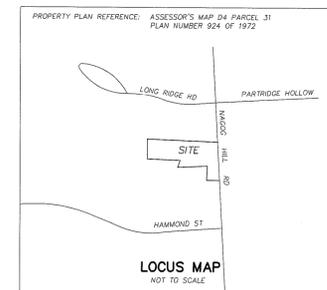


SAND BAG CHECK DAM DETAIL

N.T.S.

LEGEND

- S.T. SEPTIC TANK
- D-BOX DISTRIBUTION BOX
- OBSERVATION HOLE (TEST PIT)
- PERCOLATION TEST
- SPOT ELEVATIONS
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- PROPOSED CONTOURS
- PRESSURED WATER LINE



REQUEST FOR DETERMINATION OF APPLICABILITY

180 NAGOG HILL ROAD
ACTON, MASSACHUSETTS

PREPARED FOR:
MADGE WAIT
180 NAGOG HILL ROAD
ACTON, MA 01720

SCALE: 1"=20'

DATE: MAY 2, 2013

Acton Survey & Engineering, Inc.
Since 1967

97 GREAT ROAD
P.O. BOX 666
ACTON, MA 01720
PH. (978) 263-3666
FAX (978) 635-0218