



INSTR # M2020000817  
DATE FILED 12/07/2020 11:29:23 AM  
CHRISTINE HALLORAM  
TOWN CLERK  
EASTON CT



**CONSERVATION COMMISSION**

225 Center Road - Easton, Connecticut 06612

**AGENDA**  
**CONSERVATION COMMISSION**  
**EASTON TOWN HALL – CONFERENCE ROOM A**

**Tuesday, December 8, 2020 at 7:30pm via Zoom**

The Conservation Commission, Through Christine Calvert, is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

<https://us02web.zoom.us/j/81585072819?pwd=a3ZVL0krMzVoZ25ocHVqUkhSaHU0UT09>

Meeting ID: 815 8507 2819

Passcode: 06612

One tap mobile

+13017158592,,81585072819#,,,,,0#,,06612# US (Washington D.C)

+13126266799,,81585072819#,,,,,0#,,06612# US (Chicago)

**Dial by your location**

+1 646 558 8656 US (New York)

Meeting ID: 815 8507 2819

Passcode: 06612

Find your local number: <https://us02web.zoom.us/j/81585072819?pwd=a3ZVL0krMzVoZ25ocHVqUkhSaHU0UT09>

- 1. MEETING CALL TO ORDER**
- 2. INLAND WETLAND APPLICATIONS**
  - #20-571-** Stepney LLC., George Ganim, Partner-**301 Sport Hill Road**-Construct new home, septic and associated site improvements received 8/25/2020+65 days=10/29/2020=65 Days =1/3/2021
  - #20-575 –** Tenney, Jason-**57 Ridgeway Road**-construct inground pool, spa and patio received 10/27/2020 + 65 days = 12/31/2020
- 3. SITE WALKS:** 301 Sport Hill Road, 57 Ridgeway
- 4. UNFINISHED BUSINESS:**
  - a.)**V#05-143**, Notice of Violation at 740 Stepney Road--Neunteufel and VonKuthy, issued 7/5/05
  - b.)Cease and Desist Order for property located at 740 Stepney Road--Neunteufel and VonKuthy, issued 7/20/05

- c.)V#08-153, Notice of Violation at 68 Sport Hill Parkway--Michael Newman, issued 12/1/08
- d.)Cease and Remediate order for 68 Sport Hill Parkway--Michael Newman, issued 4/21/09
- e.)V#11-158, Notice of Violation at 580 Sport Hill Road--Austin Ganim, issued 5/24/11
- f.)Amended Wetlands Permit #10-389, 288 Maple Road—4-lot subdivision, property owner: Vincenzo Toscano
- g.)Warning re: activities within 100 feet of wetlands- The MG Easton Company, Harvester Road, Easton CT 06612 issued 10/10/2019
- h.)V#20-573, Notice of Violation at 36 Kachele Street—Remigio Melo, issued 9/24/2020

**5. NEW BUSINESS:**

**6. REVIEW FOR REPORT TO PLANNING AND ZONING:**

**7. CONSERVATION PROJECTS**

**8. OPEN-SPACE ISSUES**

**9. WEO COMMUNICATIONS**

**10. CORRESPONDENCE:** E-mails from Attorney Janet Brooks

**11. MISCELLANEOUS –**

**12. APPROVE MINUTES FROM PRIOR MEETING**

**13. ADJOURNMENT**

Filed by Frances M. Daly  
Secretary, Conservation Commission



APPLICATION # 20-574

**INLAND WETLANDS PERMIT APPLICATION**

**Easton Conservation Commission Inland Wetlands Agency**  
225 Center Rd.  
Easton, CT 06612  
Phone (203) 268- 6291 Fax (203) 268- 4928

This application is for permission to conduct regulated activities in accordance with the Inland Wetlands and Watercourses Regulations of the Town of Easton.

GEOGRAPHICAL LOCATION OF PROPERTY N 00°09'48 W 155.78'

ASSESSOR'S MAP # 1744-2 BLOCK \_\_\_\_\_ LOT# 2

NAME OF APPLICANT: Jason Tenney

HOME ADDRESS: 57 Ridgeway Rd, Easton, CT 06612

BUSINESS ADDRESS: —

HOME PHONE # — BUSINESS # — CELL # 203-856-4686

PREFERRED CONTACT:  Home  Business  Cell

NAME OF PROPERTY OWNER: Jason Tenney

HOME ADDRESS: 57 Ridgeway Rd, Easton, CT 06612

BUSINESS ADDRESS: N/A

HOME PHONE # \_\_\_\_\_ BUSINESS # \_\_\_\_\_ CELL # \_\_\_\_\_

TOWN LAND RECORDS, OWNERSHIP OF PROPERTY: VOLUME: 77 PAGE: 115, 550ac, 85

1. EXISTING CONDITIONS (Describe existing property structures.)

Currently a house & patio exists.

Please see Jason Edwards Engineered Landscape.

2. PROJECT DESCRIPTION (Describe EACH proposed activity.)

1) Pool with spa that is as close as 50 feet from wetlands, (flag # WL 8) and also 50 feet within the wetlands setback. Please note the pool is in an area with grass & no wetlands life.

2) Pool fence that is as close as 35 feet from back woods wetlands and 17 feet from side yard wetlands flag # 22

3) 10x12 shed that is as close as 65 feet from wetlands, flag WL # NO concrete foundation.

3. PURPOSE OF PROPOSED ACTIVITY (e.g. addition to existing dwelling, improving wildlife habitat, industrial construction, etc.)

Greater safety for proposed pool location setback as we have young children. There would still be 15 feet of lawn by the pool end and all in the area I was approved in 2019 to bring in soil to improve the pitch.

Wetlands: 0 acres

Open water body: 0 acres

Stream: 0 linear feet

Upland area altered: 0 acres

Area of wetlands &/or watercourses restored, enhanced or created: 5 additional planted bushes, acres

5. WHAT ALTERNATIVES TO THE PROPOSED REGULATED ACTIVITY HAVE YOU CONSIDERED?

Moving pool 20 feet closer to house, although for safety reasons we'd like to keep where it is. This will also allow for a lawn in front of the pool.

6. If this permit application is approved, how much time do you feel is needed to complete the proposed activity (from date of approval)?

Depends on weather temperatures & when we can dig. Likely anywhere from 2-5 months

In conformance with Section 10-2 of the Inland Wetland Regulations, the Agency is obligated to consider and will require your review of the factors related to your proposal:

- The alternatives to the proposed action
- The environmental impact of the proposed action
- The relationship between your short-term use of the environment and the maintenance and enhancement of long-term productivity for the Town of Easton

- Irreversible and irretrievable commitments of resources
- Character and degree of injury to safety, health or the use of property
- Suitability of the activity to the area
- Measures that would mitigate the impact on the area

Additional approvals for your proposal may be required from the Planning and Zoning Commission, the State Department of Environmental Protection (DEEP), and the United States Army Corp of Engineers. If so, you are encouraged to seek their guidance at your earliest opportunity.

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**Additional Requirements:**

1. Attach a signed, witnessed consent to the proposed activity by the owner, (If the applicant is not the property owner).
2. Attach six (6) plans showing location of proposed activity on property, showing, location of existing and proposed structures, graphic scale, contour intervals, an erosion and sediment control plan, North arrow, title, date and signature on this and all subsequent plans. Please delineate on these site plans the 100-foot (200-foot from large pond or watercourse) setback.
3. If a Public Hearing is required, then you are to provide names and mailing addresses including zip codes) of adjacent property owners of record, including those on opposite sides of public rights-of-way. Correlate with Assessor's Map and parcel numbers.
4. Attach three (3) completed copies of this application.
5. IF YOUR PROPERTY IS IN THE WATERSHED AREA, you MUST notify (A) Aquarion Water Company AND (B) the Commissioner of Public Health. Per Connecticut General Statutes Section 22a-42f, an applicant for a permit to conduct a Regulated Activity must notify the local water company if the site of the project is within the watershed of the water company. In conjunction with your application to the Inland Wetlands Agency, we are obligated to notify you (under Substitute Senate Bill No. 313, Public Act No. 06-53, Section 22a-42f) of your responsibility to provide written notice of the application to both the Aquarion Water Company AND the Commissioner of Public Health (link to fillable form below).

(A) The required notice to Aquarion Water Company (i.e. a copy of the submitted map and the completed Inland Wetland Permit application) should be sent within 7 days of submitting your application by certified mail, return receipt requested to:

**Aquarion Water Company**  
**714 Black Rock Road**  
**Easton, CT 06612-1146**

(B) The required notice to the Commissioner of Public Health should be emailed to [dph.swmail@ct.gov](mailto:dph.swmail@ct.gov) within 7 days of submitting your application on the fillable form (Watershed or Aquifer Area Project Notification Form) located online at: [https://portal.ct.gov//media/DepartmentsandAgencies/DPH/dph/drinking\\_water/pdf/WatershedorAquiferAreaProjectNotificationFormpdf.pdf?la=en](https://portal.ct.gov//media/DepartmentsandAgencies/DPH/dph/drinking_water/pdf/WatershedorAquiferAreaProjectNotificationFormpdf.pdf?la=en)

**C.G.S 22a-42f** [https://www.cga.ct.gov/current/pub/chap\\_440.htm#sec\\_22a-42f](https://www.cga.ct.gov/current/pub/chap_440.htm#sec_22a-42f)

The maps mentioned in the statute have been filed as #1165 and #1166 and are available in both the

Town Clerk office and the Conservation office.

6. Attach one copy of the Statewide Inland Wetlands & Watercourses Activity Reporting Form-Part II (BLUE). [https://www.ct.gov/deep/lib/deep/water\\_inland/wetlands/siwwarf.pdf](https://www.ct.gov/deep/lib/deep/water_inland/wetlands/siwwarf.pdf) Applicant must complete the section that will be considered part of this application.

7. Attend a Conservation Commission meeting when this application is on the Agenda. Please see Meeting Schedule link on left of page <https://www.eastonct.gov/conservation-commissioninland-wetlands-agency>.

**The undersigned applicant and/or owner understand(s) that this application is to be considered complete only when all information and documents required by the Agency have been submitted.**

**The undersigned applicant and/or owner hereby consents to necessary and proper inspection of the above mentioned property by agents of the Agency, at reasonable times, both before and after any permit in question has been granted by the Agency.**

**I declare under penalty of perjury that the foregoing is true and correct.**

Jason Tenney  
Type or print name of applicant

Jason Tenney  
Signature of applicant

10/21/20  
Date

Jason Tenney  
Type or print name of owner

Jason Tenney  
Signature of owner

10/21/20  
Date

**FOR OFFICE USE ONLY**

Application # 20-574

Date received in office: 10/21/2020 Amount Paid: \$ 300

Received by Commission: 10/27/2020 + 65 days = 12/31/2020  
Date Deadline Date

Action taken: \_\_\_\_\_

Easton Conservation Commission Inland Wetlands Agency  
125 Center Rd.  
Easton, CT 06612  
Phone #203 268 6291, Fax #203 268 4928



20-571  
APPLICATION #

This application is for permission to conduct regulated activities in accordance with the Inland Wetlands and Watercourses Regulations of the Town of Easton.

GEOGRAPHICAL LOCATION OF PROPERTY 301 Sport Hill Road, corner Beers Road  
ASSESSOR'S MAP # 5502C BLOCK \_\_\_\_\_ LOT# 66  
NAME OF APPLICANT: Stepney LLC, George Ganim Partner  
HOME ADDRESS: 130 Center Road Easton Ct 06612  
BUSINESS ADDRESS: 4666 Main Street Bridgeport Ct 06606  
HOME PHONE # \_\_\_\_\_ BUSINESS PHONE # 203-372-7772  
NAME OF PROPERTY OWNER: same as applicant  
HOME ADDRESS: \_\_\_\_\_  
BUSINESS ADDRESS: \_\_\_\_\_  
HOME PHONE # \_\_\_\_\_ BUSINESS PHONE # \_\_\_\_\_  
FROM TOWN LAND RECORDS, OWNERSHIP OF PROPERTY BY VOLUME: \_\_\_\_\_ PAGE \_\_\_\_\_

1. EXISTING CONDITIONS (Describe existing property structures.)

open area previously cleared and grubbed

2. PROJECT DESCRIPTION (Describe EACH proposed activity.)

construct a new home, septic system and associated site improvements  
in upland area

3. Purpose of the proposed activity (e.g., addition to existing dwelling, improving wildlife habitat, industrial construction, etc.)

construct single family home

4. Wetland/watercourse area altered:

Wetlands: 0 acres

Open water body: 0 acres

Stream: 0 linear feet

Upland area altered: 0.20 acres

Area of wetlands &/or watercourses restored, enhanced or created: 0 acres

5. What alternatives to the proposed regulated activity did you consider?

the size and site conditions do not provide for any feasible alternatives

6. If this permit application is approved, how much time do you feel you will need to complete the proposed activity, from date of approval? 2 years from start of construction



## Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete and mail this form in accordance with the instructions on pages 2 and 3 to:  
DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3<sup>rd</sup> Floor, Hartford, CT 06106  
Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

### PART I: Must Be Completed By The Inland Wetlands Agency

- DATE ACTION WAS TAKEN: year: \_\_\_\_\_ month: \_\_\_\_\_
- ACTION TAKEN (see instructions; only use one code): \_\_\_\_\_
- WAS A PUBLIC HEARING HELD (check one)? yes  no
- NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:  
(print name) \_\_\_\_\_ (signature) \_\_\_\_\_

### PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

- TOWN IN WHICH THE ACTION IS OCCURRING (print name): EASTON  
does this project cross municipal boundaries (check one)? yes  no   
if yes, list the other town(s) in which the action is occurring (print name(s)): \_\_\_\_\_
- LOCATION (see instructions for information): USGS quad name: WESTPORT or number: 108  
subregional drainage basin number: 7108
- NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): GEORGE GANIM
- NAME & ADDRESS / LOCATION OF PROJECT SITE (print information): 301 SPORT HILL ROAD  
briefly describe the action/project/activity (check and print information): temporary  permanent  description: TO CONSTRUCT SINGLE FAMILY RESIDENCE
- ACTIVITY PURPOSE CODE (see instructions; only use one code): B
- ACTIVITY TYPE CODE(S) (see instructions for codes): 12 14
- WETLAND / WATERCOURSE AREA ALTERED (must provide acres or linear feet):  
wetlands: 0 acres open water body: 0 acres stream: 0 linear feet
- UPLAND AREA ALTERED (must provide acres): 0.20 acres
- AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): 0 acres

DATE RECEIVED:

### PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO



**Ian Eller**

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**From:** Ian Eller  
**Sent:** Thursday, August 20, 2020 9:30 AM  
**To:** dph.swpmail@ct.gov  
**Cc:** Jason Edwards; Larry Edwards  
**Subject:** Watershed Protection Notification Form  
**Attachments:** 1927-Watershed-Notification-Form-COMPLETED.pdf

Ian Eller, L.S.  
J. Edwards Associates LLC  
227 Stepney Road  
Easton CT 06612  
Ph:203-268-4205  
ian@jedwardsassoc.com

**Watershed or Aquifer Area Project Notification Form**

**REQUIREMENT:**

Within seven days of filing, all applicants before a municipal Zoning Commission, Planning and Zoning Commission, Zoning Board of Appeals or Inland Wetlands Commission for any project located within a public water supply aquifer or watershed area are required by Public Act No. 06-53 of the CT General Statutes to notify The Commissioner of Public Health and the project area Water Company of the proposed project by providing the following information.

To determine if your project falls within a public water supply aquifer or watershed area visit the appropriate town hall and look at their *Public Drinking Water Source Protection Areas* map. If your project falls completely within or contain any part of a public water supply aquifer or watershed you are required to complete the following information.

**Note: You will need information obtained from the *Public Drinking Water Source Protection Areas* map located in the appropriate town hall to complete this form.**

**Step 1: Have you already notified the CT Department of Public Health (CTDPH) of this project?**

- No, Go to Step 2
- Yes, I have notified DPH under a different project name - Complete steps 4-6
- Yes, same name different year - Notification Year 2013 Complete steps 4-6

**Step 2:**

- 1. Name of public water supply aquifer your project lies within: \_\_\_\_\_
- 2. Name of the public water supply watershed your project lies within: \_\_\_\_\_
- 3. Public Water Supply Identification number (PWSID) for the water utility: CT

**Step 3: For 1-5 Check all that apply**

1. My project is proposing:

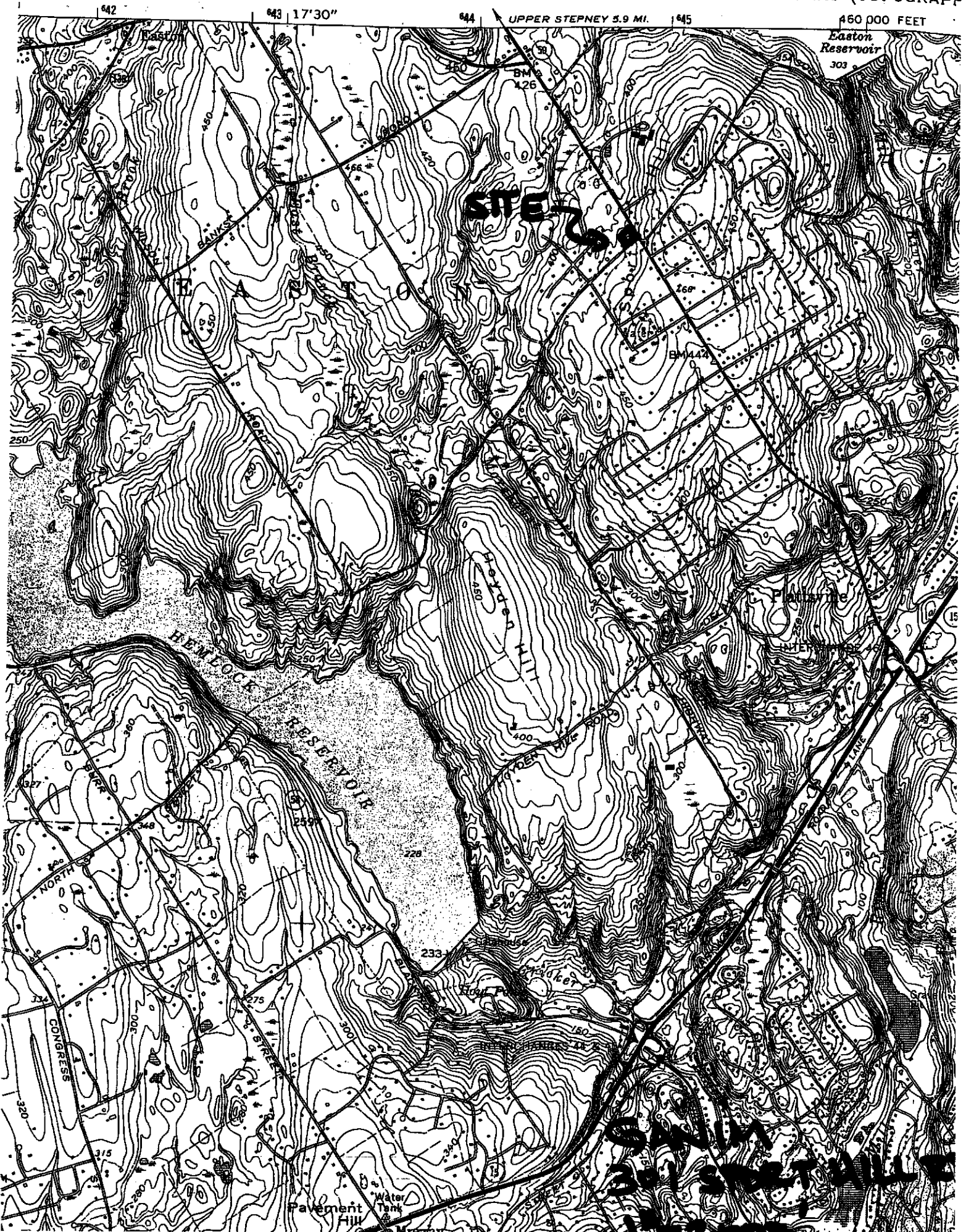
- Industrial use;  Commercial use;  Agricultural use;  Residential use;
- Recreational use;  Transportation improvements;  Institutional (school, hospital, nursing home, etc.);
- Quarry/Mining;  Zone Change, Please Describe: \_\_\_\_\_
- Other, Please describe: \_\_\_\_\_

2. The total acreage of my project is:

- Less than or equal to 5 acres  Greater than 5 acres

3. My project site contains, abuts or is within 50 feet of a:

- Wetland;  Stream;  River;  Pond or Lake



# SOIL SCIENCE AND ENVIRONMENTAL SERVICES, INC.

545 Highland Avenue \* Route 10 \* Cheshire \* Connecticut \* 06410 \* (203) 272-7837

FAX (203) 272-6698

## WETLANDS/WATERCOURSES AND SOIL REPORT

To: L. Edwards Associates  
227 Stepney Road  
Easton, CT 06612

SSES Job No: 2009-27-CT-EAS-1

Client Job No: \_\_\_\_\_

Site Inspection Date: February 18, 2009

**PROJECT TITLE AND LOCATION:** 301 Sport Hill Road, Easton, CT

### IDENTIFICATION OF WETLANDS AND WATERCOURSES RESOURCES

WETLANDS AND WATERCOURSES PRESENT ON PROPERTY: Yes XX No \_\_\_\_\_

Wetlands: Inland Wetlands XX

Watercourses: Streams XX

Tidal Wetlands \_\_\_\_\_

Waterbodies \_\_\_\_\_

Remarks: \_\_\_\_\_

### VEGETATION COMMUNITIES PRESENT IN WETLANDS

Forest \_\_\_\_\_ Sapling/Shrub \_\_\_\_\_ Wet Meadow XX Marsh \_\_\_\_\_ Field/Lawn \_\_\_\_\_

### SOIL MOISTURE CONDITION

Dry \_\_\_\_\_

Moist XX

Wet \_\_\_\_\_

### WINTER CONDITIONS

Frost Depth: 0 to 2 inches

Snow Depth: none inches

*The classification system of the National Cooperative Soil Survey, USDA, Natural Resources Conservation Service and the State Soil Legend were used in this investigation. The investigation was conducted by the undersigned Registered Soil Scientist. A sketch map showing wetland boundaries and the numbering sequence of wetland markers, watercourses and soil types in both wetland and non-wetlands are included with this report. After the wetland boundary and/or watercourse flags have been located/plotted by the surveyor, it is recommended that a copy of the survey map be sent to our firm for review. All wetland boundary lines established by the undersigned Registered Soil Scientist are subject to change until officially adopted by local, state or federal regulatory agencies.*

**Respectfully Submitted by**

**SOIL SCIENCE AND ENVIRONMENTAL SERVICES, INC.**



Thomas W. Pietras  
Registered Professional Soil Scientist  
Professional Wetland Scientist

See attached pages

# SOIL SCIENCE AND ENVIRONMENTAL SERVICES, INC.

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## WETLANDS/WATERCOURSES AND SOIL REPORT

**PROJECT TITLE AND LOCATION:** 301 Sport Hill Road, Easton, CT

**NUMBERING SEQUENCE OF WETLAND BOUNDARY LINE MARKERS:**

1 THRU 12

**SOILS SECTION:**

*Soil Legend: State Soil Number/County Soil Symbol, Soil Series Name, Taxonomic Class & Brief Description.*

**WETLAND SOILS**

2 Ridgebury fine sandy loam (Aeric Eplaquepts) - This is a deep, poorly drained, glacial till soil developed in a friable, coarse-loamy textured, solum overlying dense, basal till (hardpan). The till was derived from schist, gneiss and granite. Ridgebury soils occur on glaciated plains, hills and ridges. The hardpan is within 20 to 30 inches of the surface.

**NON-WETLAND SOILS**

45 Woodbridge fine sandy loam (Aquic Dystrudepts) - This is a deep, moderately well drained, glacial till soil developed in a friable, coarse-loamy textured solum overlying dense, basal till (hardpan). The till was derived from schist, gneiss and granite. Woodbridge soils occur on glaciated plains, hills and ridges. The hardpan is within 20 to 40 inches of the soil surface.

308 Udorthents, smoothed This is a well drained to moderately well drained, disturbed soil area that has had two or more feet of the original soil altered by filling, excavation and/or grading activities. Udorthents soils commonly occur on leveled land and on fill landforms.

Notes: The Woodbridge soil located in the eastern portion of the property (north of Beers Road and south of the house on adjoining parcel to the north) has been historically altered. The disturbances have resulted from agricultural uses and possibly more recent land clearing and grading. Grading and/or erosion have removed much or all of the original A and B horizons. A deep topsoil overlies the remnant of the original B and Cd horizons in this area. In a few spots very deep topsoil directly overlies a mottled hardpan Cd horizon. No groundwater was encountered in any of the test holes dug in the eastern portion of the property. The test holes were dug between 18 and 24 inches deep. The vegetation growing on the soils in the eastern portion of the property consists mainly of field grasses and common field weeds that are typical on dry to moist soils. These include foxtail grass, ragweed, aster and goldenrod.

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## DEFINITIONS AND METHODOLOGY DEFINITIONS OF STATE REGULATED WETLANDS & WATERCOURSES

**INLAND WETLANDS AND WATERCOURSES:** According to Section 22a-38 of the State of Connecticut Inland Wetlands and Watercourses Act, Wetlands "means land, including submerged land, not regulated pursuant to sections 22a-28 to 22a-35, which consists of any of the soil types designated as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soils Survey, as may be amended from time to time, of the Natural Resources Conservation Service (NRCS) of the United States Department of Agriculture." Watercourses "means rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private. Intermittent watercourses shall be delineated by a defined permanent channel and bank and the occurrence of two or more of the following characteristics: (A) Evidence of scour or deposits of recent alluvium or detritus, (B) the presence of standing or flowing water for a duration longer than a particular storm incident, and (C) the presence of hydrophytic vegetation."

**TIDAL WETLANDS:** According to Connecticut General Statutes, Sec. 22a-29 (2) of the Tidal Wetlands Act, Tidal Wetlands are defined as "those areas which border on or lie beneath tidal waters, such as, but not limited to banks, bogs, salt marsh, swamps, meadows, flats, or other low lands subject to tidal action, including those areas now or formerly connected to tidal waters, and whose surface is at or below an elevation of one foot above local extreme high water; and upon which may grow or be capable of growing some, but not necessarily all of the following:" (list of those plants common to tidal marshes, brackish wetlands and other wetlands which are subject to tidal influence).

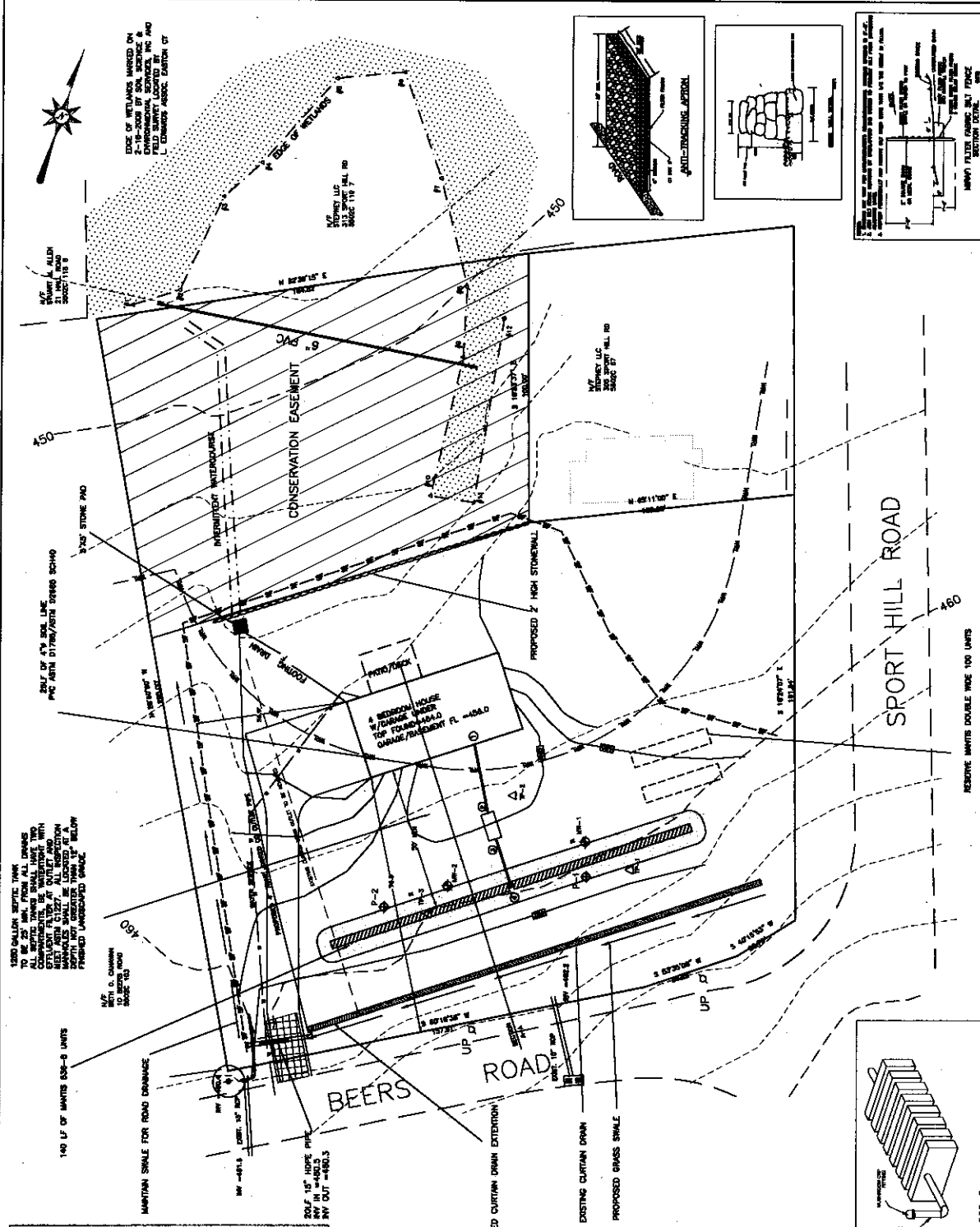
## METHODOLOGY FOR IDENTIFICATION OF SOILS, WETLANDS & WATERCOURSES

1) **SOILS IDENTIFICATION:** Soils are investigated by digging test holes with a spade and auger. Test holes are typically dug to depths of between 15 and 40 inches. Based on soil features, including coloration patterns, texture and depths to restrictive layers, the soils are identified by soil series utilizing the classification system of the National Cooperative Soil Survey. The soil map series correspond with the State Soil Map Legend established by USDA, NRCS in the State of Connecticut Soil Survey. For further information about soils refer to the NRCS website for CT: [www.ct.nrcs.usda.gov](http://www.ct.nrcs.usda.gov)

2) **INLAND WETLAND DELINEATION:** Soil test holes and borings are made in selected areas in order to determine the lateral extent of Inland Wetlands. The boundaries of all Inland Wetlands on each project site are delineated with consecutively numbered survey tapes, unless instructed by the client to only map wetland boundaries for planning purposes.

3) **IDENTIFICATION OF WATERCOURSES:** Watercourse locations are sketched onto maps. Often ponds, streams and rivers are already shown on the survey map. If a watercourse is not shown on a survey map, survey tapes are placed along the channel and labeled "Intermittent or Perennial Watercourse."

4) **TIDAL WETLANDS:** Tidal Wetlands are identified based on a predominance of tidal wetland plants and observation of physical markings or water laid deposits resulting from tidal action. Tidal Wetland boundaries are established by locating the upland limits of the "Listed Plants" from the Tidal Wetlands Act to the extent that these plants reflect inundation by tides.



**PROPOSED SITE PLAN**  
**301 SPORT HILL ROAD**  
 EASTON, CONNECTICUT

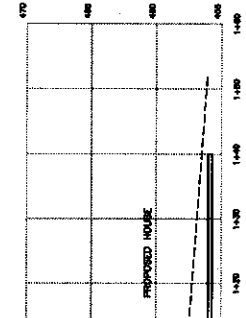
DATE: 12-15-09  
 REV: 08/11/20

Scale: 1" = 20'  
 Drawing: L.E.  
 Check: J.S.D.  
 Date: 7/1/07

L. EDWARDS ASSOCIATES, LTD.  
 ENGINEERS AND ARCHITECTS  
 100 MAIN STREET  
 EASTON, CT 06027  
 (860) 827-1000

**LEGEND**

- EXISTING CONTOUR
- PROPOSED CONTOUR
- SEPTIC PIT
- PERCOLATION TEST
- FIELD PERCOLATION TEST
- ANTI-TIPPING ARMOR
- BUILDING SETBACK LINE



**STANDARD NOTES**

- All construction methods, materials and installation of the system to be in accordance with all applicable local and state regulations.
- Topographic and property data shown are only approximate.
- The lot records and all other data shown are only approximate.
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**DESIGN INFORMATION**

percolation test observed on \_\_\_\_\_

1000' of effective leaching area required for proposed 4br house

1340' of effective area provided

MSL = (0.47) x (17) x (17) = 136.5'

MSL CALCULATIONS: Depth = 30' Slope = 5.25% JFC = 33' P = 1.78 P<sub>10</sub> = 3.0

TEST PITS BY OTHERS CONDUCTED ON 06/05/05

TR 1 - 30" TORSION/SUBSOIL  
 30-30" BROWN SAND AND STONE  
 MOTTLING @ 30" WATER @ 10"  
 MOTTLING @ 30" WATER AND LODGE @ 14"

TR 2 - 30" TORSION/SUBSOIL  
 30-30" BROWN SAND AND STONE  
 MOTTLING @ 12" WATER @ 10"

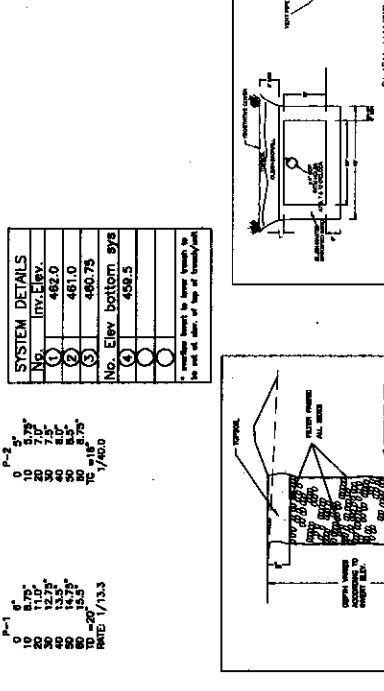
TEST PITS OBSERVED BY L. EDWARDS ASSOC

MP-1 - 18" TOPSOIL AND SUBSOIL  
 24-36" MOD BR COMP. SANDY TILL  
 MOTTLING @ 24" WATER @ 42"

MP-2 - 18" TOPSOIL AND SUBSOIL  
 24-36" MOD BR COMP. SANDY TILL  
 MOTTLING @ 15" WATER @ 40"

PERCOLATION TESTS CONDUCTED BY L. EDWARDS ASSOC 4/30/09

PIT	DEPTH	NO. OF TESTS	AVG. RATE
P-1	0	10	0.75"
P-1	10	10	7.0"
P-1	20	10	482.0
P-1	30	10	481.0
P-1	40	10	480.75
P-1	50	10	482.5
P-1	60	10	482.5
P-1	70	10	482.5
P-1	80	10	482.5
P-1	90	10	482.5
P-1	100	10	482.5
P-1	110	10	482.5
P-1	120	10	482.5
P-1	130	10	482.5
P-1	140	10	482.5
P-1	150	10	482.5
P-1	160	10	482.5
P-1	170	10	482.5
P-1	180	10	482.5
P-1	190	10	482.5
P-1	200	10	482.5
P-1	210	10	482.5
P-1	220	10	482.5
P-1	230	10	482.5
P-1	240	10	482.5
P-1	250	10	482.5
P-1	260	10	482.5
P-1	270	10	482.5
P-1	280	10	482.5
P-1	290	10	482.5
P-1	300	10	482.5
P-1	310	10	482.5
P-1	320	10	482.5
P-1	330	10	482.5
P-1	340	10	482.5
P-1	350	10	482.5
P-1	360	10	482.5
P-1	370	10	482.5
P-1	380	10	482.5
P-1	390	10	482.5
P-1	400	10	482.5
P-1	410	10	482.5
P-1	420	10	482.5
P-1	430	10	482.5
P-1	440	10	482.5
P-1	450	10	482.5
P-1	460	10	482.5
P-1	470	10	482.5
P-1	480	10	482.5
P-1	490	10	482.5
P-1	500	10	482.5



**PERCOLATION TESTS CONDUCTED BY L. EDWARDS ASSOC 4/30/09**

MP-1 - 18" TOPSOIL AND SUBSOIL  
 24-36" MOD BR COMP. SANDY TILL  
 MOTTLING @ 24" WATER @ 42"

MP-2 - 18" TOPSOIL AND SUBSOIL  
 24-36" MOD BR COMP. SANDY TILL  
 MOTTLING @ 15" WATER @ 40"

PERCOLATION TESTS CONDUCTED BY L. EDWARDS ASSOC 4/30/09

PIT	DEPTH	NO. OF TESTS	AVG. RATE
P-1	0	10	0.75"
P-1	10	10	7.0"
P-1	20	10	482.0
P-1	30	10	481.0
P-1	40	10	480.75
P-1	50	10	482.5
P-1	60	10	482.5
P-1	70	10	482.5
P-1	80	10	482.5
P-1	90	10	482.5
P-1	100	10	482.5
P-1	110	10	482.5
P-1	120	10	482.5
P-1	130	10	482.5
P-1	140	10	482.5
P-1	150	10	482.5
P-1	160	10	482.5
P-1	170	10	482.5
P-1	180	10	482.5
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P-1	360	10	482.5
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P-1	380	10	482.5
P-1	390	10	482.5
P-1	400	10	482.5
P-1	410	10	482.5
P-1	420	10	482.5
P-1	430	10	482.5
P-1	440	10	482.5
P-1	450	10	482.5
P-1	460	10	482.5
P-1	470	10	482.5
P-1	480	10	482.5
P-1	490	10	482.5
P-1	500	10	482.5

I HEREBY CERTIFY THAT THE PERCOLATION TEST(S) SHOWN HEREON WERE CONDUCTED IN ACCORDANCE WITH ALL CURRENT STATE REGULATIONS UNLESS OTHERWISE NOTED HEREON.

LARRY EDWARDS, P.E. #10937

