

Sun; May. 1



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Lynnfield, Ma.
City/Town

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:

Name: David O'Shea E-Mail Address: Oshea11@HotMail.com
Mailing Address: 3 MEADOW LANE
City/Town: Lynnfield State: Mass Zip Code: 01940
Phone Number: 978-804-5025 or 781-738-7685 Fax Number (if applicable):

2. Representative (if any):

Firm: C.T. Carpentry
Contact Name: David Tremblay E-Mail Address: CTCARPENTRY27@outlook.co
Mailing Address: 67 Foster St
City/Town: Provincetown State: Ma. Zip Code: 01960
Phone Number: 978-804-8085 Fax Number (if applicable):

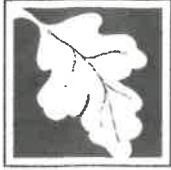
B. Determinations

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

- 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:

Name of Municipality

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



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C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

<u>3 Meadow Lane</u> Street Address	<u>Longfield</u> City/Town
<u>32</u> Assessors Map/Plat Number	<u>2569</u> Parcel/Lot Number

b. Area Description (use additional paper, if necessary):

Removing Existing Garage + Back Deck + Installing New
Garage + Back Deck Some area of the Home.

c. Plan and/or Map Reference(s):

_____	_____
Title	Date
_____	_____
Title	Date
_____	_____
Title	Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):



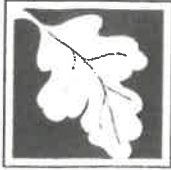
C. Project Description (cont.)

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).

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.)



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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:

Paul O'Shea
Name
3 Meadow Lane
Mailing Address
Lynnfield
City/Town
MASS 01560
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.

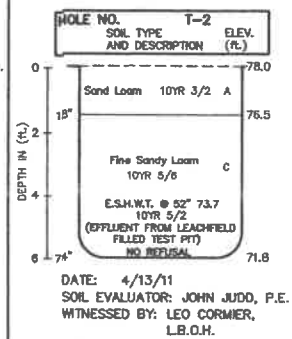
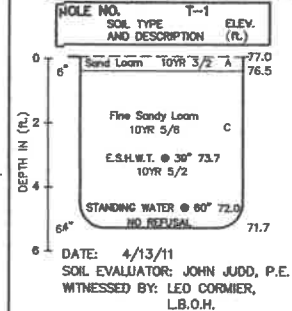
[Signature] 4-20-2021
Signature of Applicant Date
[Signature] 4-20-2021
Signature of Representative (if any) Date



GENERAL NOTES AND SPECIFICATIONS

- THIS PLAN IS INTENDED FOR THE LOCATION AND DESIGN OF THE SEWAGE DISPOSAL SYSTEM ONLY.
- SHOULD CHANGES OCCUR WHICH ALTER THE SEWAGE DISPOSAL SYSTEM / BUILDING RELATIONSHIP, THE DESIGN ENGINEER SHALL BE NOTIFIED FOR REVISIONS TO THIS DESIGN.
- CONTRACTOR SHALL CONFIRM BUILDING SEWER ELEVATION PRIOR TO SETTING PROPOSED SEPTIC TANKS.
- DESIGNATIONS SHOWN AS (MIN.) OR (MAX.) ONLY INDICATE THAT THE DIMENSION SHOWN IS SPECIFICALLY LIMITED AND DOES NOT IMPLY THAT THE VALUE GIVEN CAN BE LIBERALLY INCREASED OR DECREASED, RESPECTIVELY.
- THE TOPOGRAPHIC SURVEY WAS PERFORMED BY GATEWAY CONSULTANTS, INC. ON APRIL 12, 2011. LOT LINES SHOWN ARE BASED ON PLAN REFERENCE.
- THIS PLAN SHOWS FEATURES WHICH WERE VISUALLY APPARENT AT THE TIME OF THE TOPOGRAPHIC SURVEY WAS PERFORMED. NO DETERMINATION AS TO THE EXISTENCE OF SUBSURFACE STRUCTURES, UTILITIES, ETC. HAS BEEN MADE AND THE ABSENCE OF SAME IS NOT IMPLIED OR INTENDED.
- THERE ARE NO EXISTING POTABLE WELLS WITHIN 100 FT. OF THE LEACHING AREA AND 100 FT. OF THE SEPTIC TANK.
- CONTRACTOR SHALL GIVE TOWN AND DESIGN ENGINEER 48 HOURS NOTICE PRIOR TO INSPECTIONS.
- ALL NEW WELLS SHALL BE INSTALLED 100 FT. (MIN.) FROM ALL LEACHING AREAS, 100 FT. (MIN.) FROM ALL SEPTIC TANKS, AND 10 FT. (MIN.) FROM ALL PROPERTY LINES.
- CONTRACTOR SHALL ENSURE THAT SURFACE RUNOFF IS DIVERTED AWAY FROM TOP OF LEACHING FACILITY.
- ALL LARGE BOULDERS, TREES, TOPSOIL, SUBSOIL, FILL MATERIAL AND ORGANIC MATERIAL SHALL BE REMOVED FROM THE LEACHING AREA AND FOR A DISTANCE OF 5 FT. AROUND THE LEACHING AREA, TO THE DEPTH OF PARENT MATERIAL IN ACCORDANCE WITH TITLE 5, 310 CMR 15.255.
- ALL LARGE BOULDERS WHICH ARE REMOVED FROM BELOW THE PROPOSED LEACHING FACILITY SHALL BE REPLACED WITH FILL MEETING SECTION 15.255 SPECIFICATIONS, AND INSTALLED IN 6" LIFTS USING A VIBRATORY COMPACTOR.
- ALL CONSTRUCTION ACTIVITY WITHIN 100 FT. OF A WETLAND OR RESOURCE AREA REQUIRES FILING, IN ACCORDANCE WITH THE WETLAND PROTECTION ACT M.G.L. 131 SECTION 40.
- IT SHALL BE THE RESPONSIBILITY OF THE INSTALLER TO NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCY BETWEEN OBSERVED FIELD CONDITIONS AND CONDITIONS AS DESCRIBED ON THIS PLAN, BEFORE PROCEEDING WITH THE INSTALLATION OF THE SEPTIC SYSTEM.
- THIS SEWAGE DISPOSAL SYSTEM IS NOT DESIGNED FOR GARBAGE DISPOSAL UNITS. EXISTING UNIT SHALL BE REMOVED. DEVIATION FROM AN APPROVED PLAN IS PERMISSIBLE ONLY WITH THE CONSENT OF THE BOARD OF HEALTH AND THE DESIGN ENGINEER.
- THE INSTALLER SHALL CONTACT DIG SAFE (1-888-344-7233) AND THE LYNNFIELD WATER DEPARTMENT PRIOR TO ANY DIGGING IN ORDER TO VERIFY UTILITY CONNECTION LOCATIONS.
- ALL SYSTEM COMPONENTS SHALL MEET THE CONSTRUCTION STANDARDS AS OUTLINED IN 310 CMR 15.000 (TITLE V). THESE STANDARDS SHALL ALSO APPLY IN THE CASE OF A DISCREPANCY WITH THE DETAILS DEPICTED ON THIS PLAN WHICH ARE SHOWN FOR GENERAL REFERENCE ONLY.
- PER CMR 15.211 (1), WHERE SEWER LINES MUST CROSS WATER LINES, BOTH PIPES MUST BE CONSTRUCTED OF CLASS 150 PRESSURE PIPE AND SHALL BE PRESSURE TESTED TO ASSURE WATER TIGHTNESS. AN 18 INCH VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE WATERLINE AND THE TOP OF THE SEWER LINE IS REQUIRED.
- THERE ARE NO PUBLIC WATER SUPPLIES OR TRIBUTARIES TO WATER SUPPLIES WITHIN 400 FT. OF THE PROPOSED SEPTIC SYSTEM.
- THE EXISTING SEPTIC SYSTEM COMPONENTS SHALL BE LOCATED, PUMPED, REMOVED & REPLACED WITH CLEAN SAND MEETING 310 CMR 15.255.

DEEP OBSERVATION HOLE LOGS



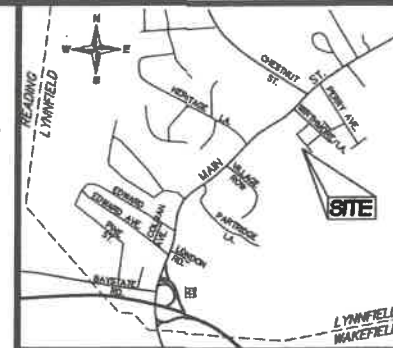
CERTIFICATION
I CERTIFY THAT ON JULY 1995 I HAVE PASSED THE SOIL EVALUATOR EXAMINATION APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THAT THE ABOVE ANALYSIS WAS PERFORMED BY ME CONSISTENT WITH THE REQUIRED TRAINING, EXPERIENCE AND EXPERIENCE DESCRIBED IN 310 CMR 15.017.
SIGNATURE: [Signature] DATE: 7/21/11

PLAN REFERENCE

"REVISED PLAN OF BEAVER BROOK VILLAGE", DATED DECEMBER 1957, PREPARED BY TOWERS ENGINEERING, E.R.D.S.D. PL. BK. 90, PL. 71.

LEGEND

- EXISTING SPOT GRADE ELEVATION +79.30
- EXISTING GRADE CONTOUR --- 78
- EXISTING STONEWALL - - - - -
- EXISTING UTILITY POLE
- DEEP OBSERVATION HOLE
- PERCOLATION TEST HOLE
- REFERENCE TO DETAILS & SECTIONS
- PROPOSED CONTOUR
- PROPOSED FINISH GRADE
- WETLAND FLAG
- PROPOSED SILTATION FENCING



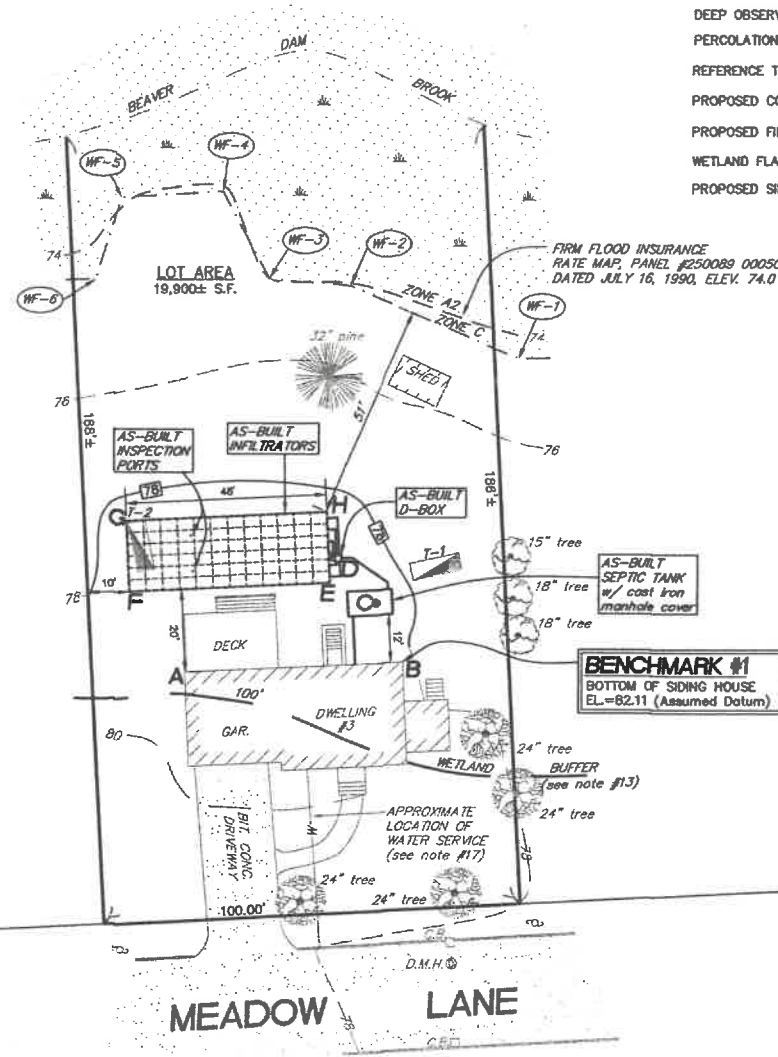
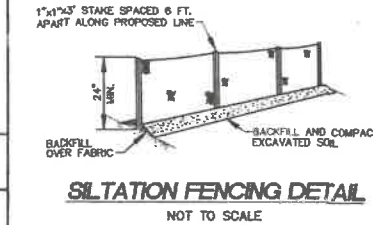
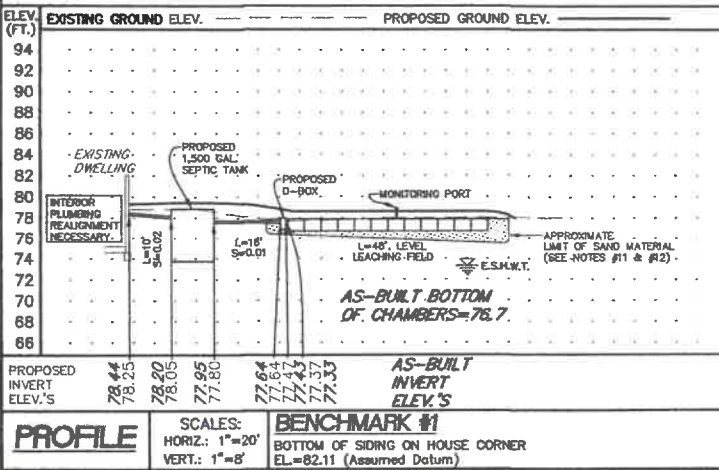
LOCUS PLAN
NOT TO SCALE

DESIGN CRITERIA

Ref: The State Environmental Code, Title 5: Minimum Requirements For The Subsurface Disposal Of Sanitary Sewage.

CALCULATIONS

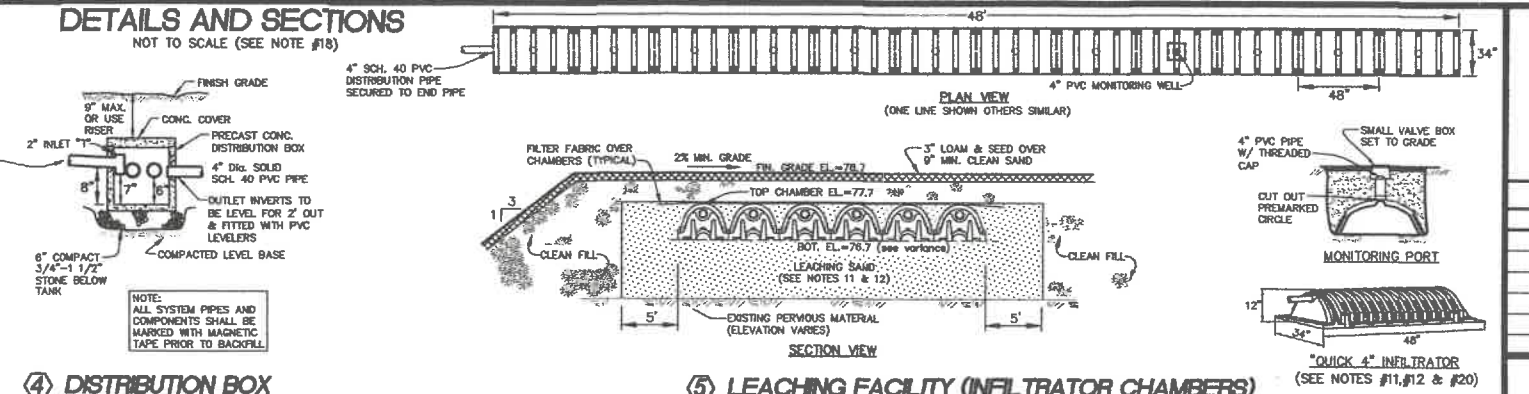
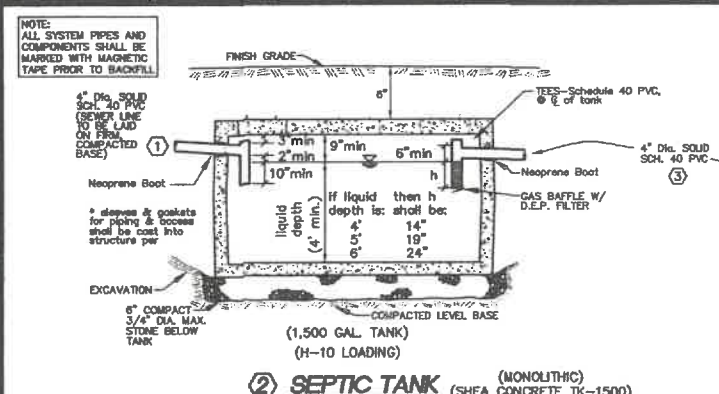
OCCUPANCY: 4 BEDROOM DWELLING
DAILY SEWAGE FLOW: 4 BR. x 110 GAL./B.R. = 440.0 G.P.D.
PERCOLATION RATE: (TEXTURAL ANALYSIS)
SOIL ACCEPTANCE RATE: 0.33 G.P.D./S.F. (SEE VARIANCE REQUEST)
SEPTIC TANK REQUIREMENTS: CAPACITY: 1,500 GAL.
LEACHING AREA PROVIDED: (INFILTRATOR UNITS - FIELD CONFIGURATION)
72 UNITS x 4.0 L.F./UNIT x 4.72 S.F./L.F. = 1,359.4 S.F. (Effective leaching area)
LEACHING AREA REQUIRED: 440 G.P.D. ÷ 0.33 G.P.D./S.F. = 1,333.3 S.F.



AS-BUILT TIE LOCATION

	A	B
C	49'	18'
D	46'	30'
E	41'	26'
F	23'	68'
G	38'	74'
H	52'	41'

VARIANCE REQUESTS:
TO ALLOW A 51 FOOT SEPARATION BETWEEN THE LEACHING FACILITY AND A WETLAND AREA WHERE 100 FEET IS REQUIRED BY THE LYNNFIELD BOARD OF HEALTH.
15.405(1)h
TO ALLOW FOR A 1 FT. REDUCTION BETWEEN THE E.S.H.W.T. AND BOTTOM OF PROPOSED LEACH FIELD. (3 FOOT SEPARATION PROVIDED)
15.405(1)i
TO ALLOW THE USE OF A SOIL TEXTURAL ANALYSIS IN LIEU OF A PERCOLATION TEST.



SEWAGE DISPOSAL SYSTEM PLAN
ASSESSOR'S MAP 32, LOT 2569
3 MEADOW LANE
LYNNFIELD, MA

PREPARED FOR
ROBERT & SUZANNE HAND
3 MEADOW LANE
LYNNFIELD, MA 01940

GATEWAY CONSULTANTS, INC.
CIVIL ENGINEERING & PROJECT MANAGEMENT
33 FOREST HILL AVENUE
LYNNFIELD, MA 01940
OFFICE: (781) 334-4434
FAX: (781) 334-0007

REVISIONS TO PLAN	DESCRIPTION	DATE
AS-BUILT SYSTEM		7/29/11

Draft/Check	Drawing Scale	Date	Project No.	Drawing No.
SAR/JPJ	1"=20'	4/19/11	3483	3331