

No. 85-18

#50

FEE \$ 90.00

pd.

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST

Application for Disposal Works Construction Permit

Application is hereby made for a Permit to Construct (X) or Repair () an Individual Sewage Disposal System at: 50 Wildflower

Lot 49 Wildflower Drive Amherst Woods Phase II

Donald Teagno Location - Address or Lot No. 6 Main Street Amherst, MA

Ed Stone Owner Montague, MA Address

Installer Address

Type of Building Dwelling - No. of Bedrooms 3 Expansion Attic () Garbage Grinder (X)

Other - Type of Building No. of persons Showers () - Cafeteria ()

Other fixtures

Design Flow 55 gallons per person per day. Total daily flow 330 gallons.

Septic Tank - Liquid capacity 1500 gallons Length Width Diameter Depth

Disposal Trench - No. Width Total Length Total leaching area sq. ft.

Seepage Pit No. 3 Diameter 30" X 8" Depth below inlet 1' Total leaching area 336 sq. ft.

Other Distribution box () Dosing tank ()

Percolation Test Results Performed by Frederick Filios, RS Date 04-18-84

Test Pit No. 1 2 minutes per inch Depth of Test Pit 43" Depth to ground water None

Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground water

Description of Soil 0" - 10" Topsoil

10" - 24" Subsoil

24" - 120" sand and Gravel Oxide Streak at 7'

Nature of Repairs or Alterations - Answer when applicable

* MAY USE 2 500 GALLON LEACH TANKS INSTEAD OF

Agreement:

The undersigned agrees to install the aforescribed Individual Sewage Disposal System in accordance with the provisions of Article XI of the State Sanitary Code - The undersigned further agrees not to place the system in operation until a Certificate of Compliance has been issued by the board of health.

Signed Donald J. Teagno Date 5/30/85

Application Approved By Chas. Elmer Date 6-5-85

Application Disapproved for the following reasons:

Permit No. 85-18

Issued 6-5-85 Date



THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed (X) or Repaired () by Ed Stone, Montague, MA

at Lot 49 Wildflower Drive Amherst Woods Phase II

has been installed in accordance with the provisions of Article XI of The State Sanitary Code as described in the application for Disposal Works Construction Permit No. dated

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION SATISFACTORY.

DATE Inspector

CHECK OR FILL IN WHERE APPLICABLE

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AMHERST

No. 85-18

FEE \$90

Disposal Works Construction Permit

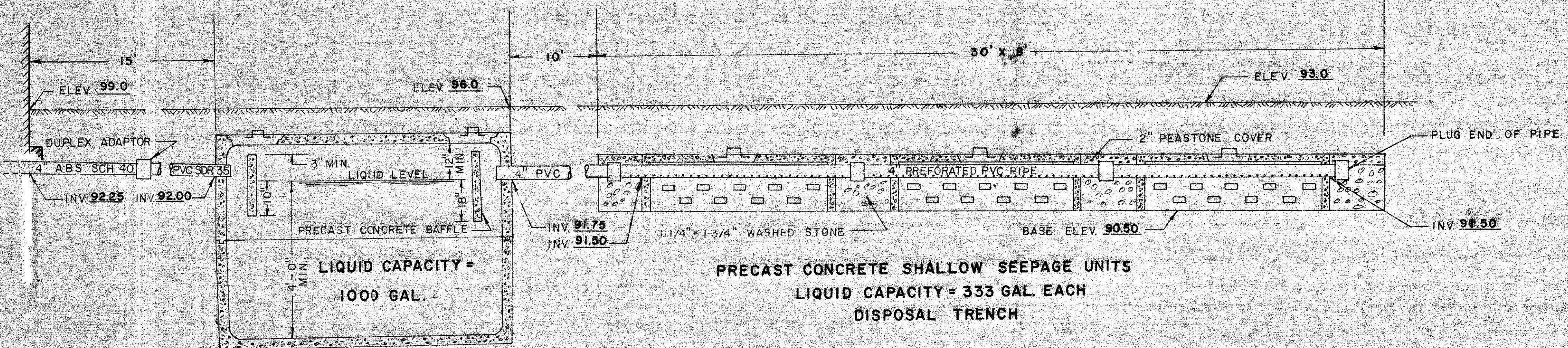
Permission is hereby granted Ed Stone, Montague, MA

to Construct (X) or Repair () an Individual Sewage Disposal System
at No. Lot 49 Wildflower Drive Amherst Woods Phase II

as shown on the application for Disposal Works Construction Permit No. 85-18 Dated 6-5-85

Charles E. ...
Board of Health

DATE 6-5-85

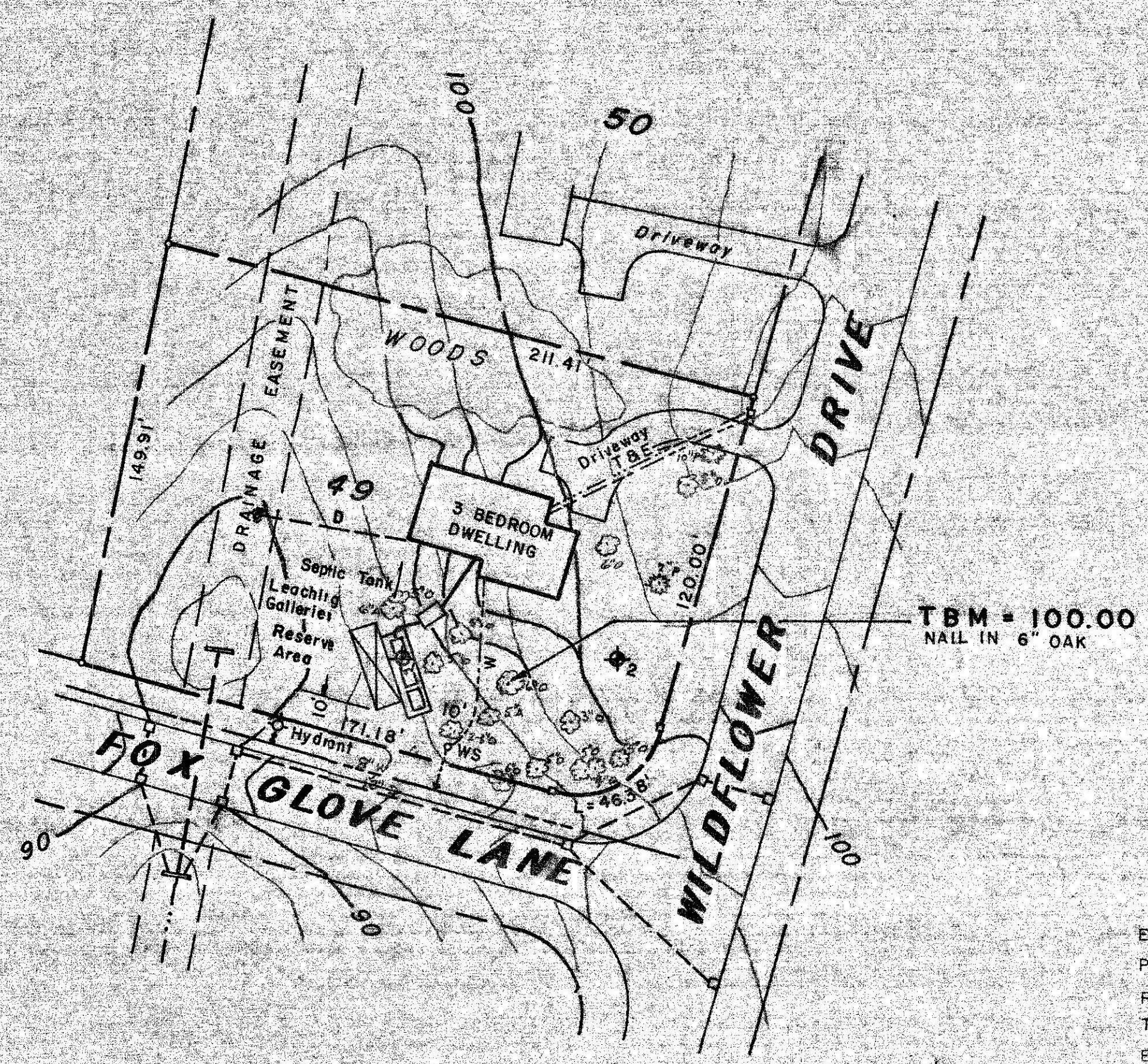


PRECAST CONCRETE SEPTIC TANK

PRECAST CONCRETE SHALLOW SEEPAGE UNITS
LIQUID CAPACITY = 333 GAL. EACH
DISPOSAL TRENCH

SECTION THRU SYSTEM

(NOT TO SCALE)



PLAN

SCALE: 1" = 40'

PERCOLATION TEST RESULTS:

TEST PIT NO. 1 TAKEN 04-18-84
GROUND ELEV. 93.5
PERCOLATION RATE: 1" IN 2 MIN.
AT THE DEPTH OF 43 INCHES
DEPTH TO GROUND WATER _____ IN.
ELEV. OF GROUND WATER _____
SOIL STRATA:
0"-10" TOPSOIL
10"-24" SUBSOIL
24"-120" SAND AND GRAVEL
OXIDE STREAK AT 7'

PERFORMED BY: FREDERICK FILIOS, RS
INSPECTOR:

DESIGN DATA:

ESTIMATED DAILY SEWAGE FLOW
3 BEDROOMS X 2 PERSONS / BEDROOM
X 55 GAL./PERSON/DAY = 330 GAL./DAY
SEPTIC TANK REQUIREMENTS
330 X 1.5 = 495 GAL. USE 1000 GAL. TANK
LEACHING AREA REQUIREMENTS
240 X 10 = 240 GAL./DAY BOTTOM AREA
76 X 25 = 190 GAL./DAY SIDEWALL AREA
TOTAL = 430 GAL./DAY DESIGN CAPACITY

IMPORTANT:

GARBAGE GRINDER IS TO BE USED

GENERAL NOTES:

- 1.) 1,000 GAL. PRECAST CONCRETE SEPTIC TANK AND 3 PRECAST CONCRETE SEEPAGE UNITS TO BE BY L.G. WHEATON, INC. WILLIMANTIC, CONN., OR EQUAL.
- 2.) ALL PIPING OUTSIDE OF THE DISPOSAL TRENCH SHALL BE WATERTIGHT.
- 3.) ALL WASHED STONE SHALL BE FREE OF IRON, CLAY AND FINES, AND MUST BE SATISFACTORY TO THE AMHERST BOARD OF HEALTH.
- 4.) THE INSTALLED FACILITIES MUST BE LEFT EXPOSED UNTIL INSPECTED BY THE AMHERST BOARD OF HEALTH.
- 5.) EXCAVATE AREA UNDER DISPOSAL TRENCH TO VIRGIN GROUND AND REPLACE WITH CLEAN COARSE SAND OR FINE GRAVEL TO BASE ELEVATION IF UNSUITABLE MATERIAL IS FOUND AT OR BELOW PROPOSED GRADE.

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH
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Plan Review

This plan has been submitted and reviewed in compliance with Regulation 2.3 of Title V of the State Environmental Code and is part of the application for Disposal Works Construction Permit No. _____ Dated: _____

THIS SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION SATISFACTORY.

DATE _____ Board of Health

LEGEND:

- EXISTING CONTOURS _____
- PROPOSED CONTOURS _____
- PROPOSED FINISH GRADE 98.6
- TEST PIT
- ELEV. BASED ON ASSUMED DATUM

REVISION	DATE	DESCRIPTION	BY
DESIGN	MGS		
DRAWN	MGS		
CHECKED			
DATE	05-30-85		
SCALE	AS NOTED		

SEWAGE DISPOSAL SYSTEM
FOR
3 BEDROOM DWELLING IN
AMHERST WOODS PHASE II
LOT 49 WILDFLOWER DRIVE
FOR
DONALD TEAGNO BUILDER

MGS Michael G. Suprenant
FISKDALE, MASSACHUSETTS