

No. 33

Fee \$ 50.00

THE COMMONWEALTH OF MASSACHUSETTS
BOARD OF HEALTH
OF EDGARTOWN

Application for Regional Works Construction Permit

JUN 14 1993

P. Look

Application is hereby made for a Permit to Construct (X) or Repair () an Individual Sewage Disposal System at: NORTH BOG (off Jernegan Pond Road)

21-160.4

Julie L. Williams

Cooke St. Edgartown MA

Owner

Address

Installer

Address 90,961

Type of Building 1 1/2 storey wood frame

Sq. feet

Dwelling — No. of Bedrooms Single 1 1/2

Expansion Attic (M) Garbage Grinder (M) Showers (2) — Cafeteria (M)

Other — Type of Building Other fixtures

550

Design Flow 55 gallons per persog per day. Total daily flow 4 gallons.

Septic Tank — Liquid capacity 1,000 gallons per day. Total length 4 ft. Diameter 4 ft. Depth 4 ft.

Disposal Trench — No. 30 Width 20 Total length 4 sq. ft.

Seepage Pit No. 1 Diameter 30 Total leaching area 4 sq. ft.

Other Distribution box (X) Dosing tank () Performed by J.S. Lovewell Date 5/11/93

Percolation Test Results Test Pit No. 1 minutes per inch Depth of Test Pit minutes per inch Depth to ground water minutes per inch Depth to ground water

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

Description of Soil See attachments: TEST PIT LOGS Pit No. 1, 2, 3 Bottom of leaching field at El. 27.8 which is in medium sand - 2 mpr.

Nature of Repairs or Alterations — Answer when applicable

Agreement:

The undersigned agrees to install the aforescribed Individual Sewage Disposal System in accordance with the provisions of TITLE 5 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.

Application Approved By P. Look Signed Julie Williams Date JUN 15 1993

Application Disapproved for Health Department Reasons:

Permit No. _____ Issued _____ Date _____

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Edgartown

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed (X) or Repaired ()

by Julie Williams Installer

at 21-160.4 has been installed in accordance with the provisions of TITLE 5 of The State Sanitary Code as described in the application for Disposal Works Construction Permit No. 33 dated JUN 15 1993

THE BOARD SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE

DATE _____ Inspector _____

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

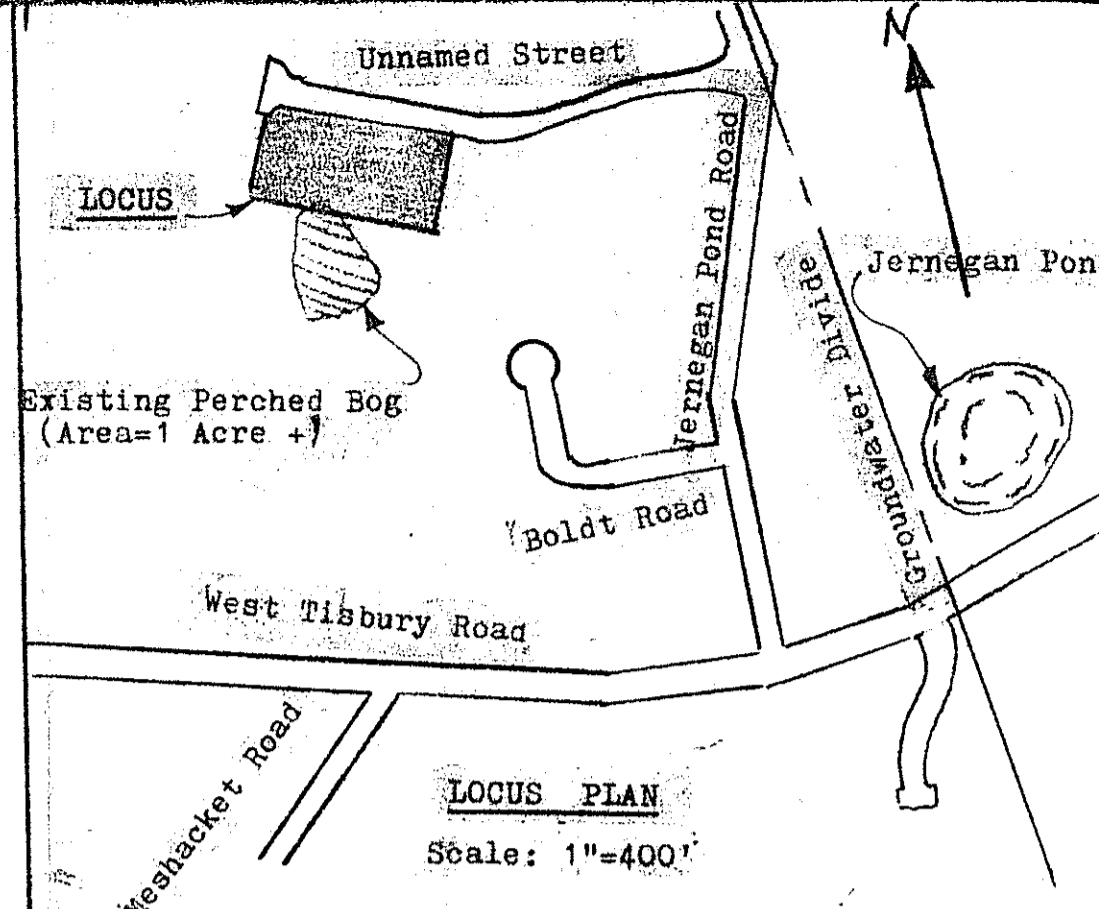
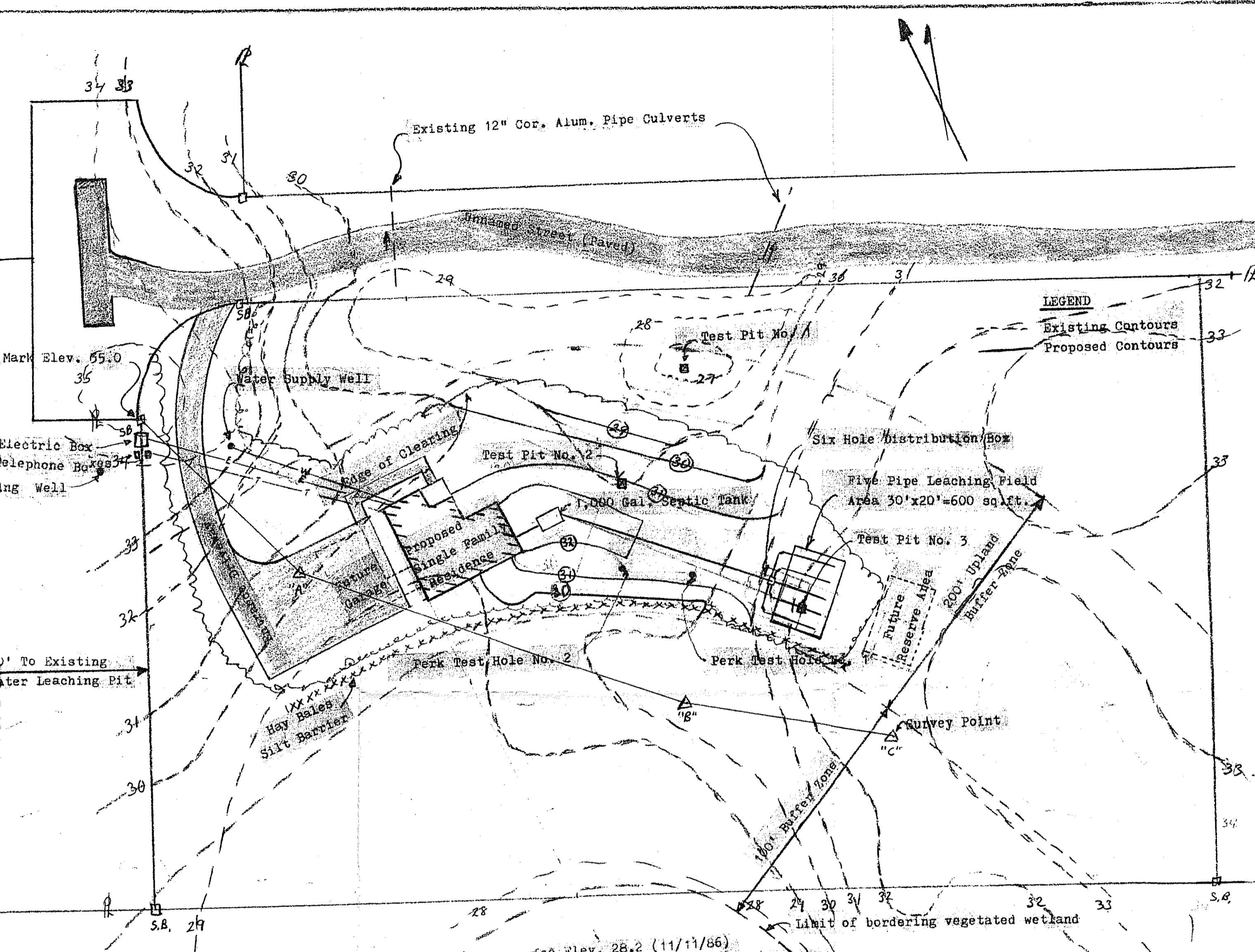
Town of Edgartown

Regional Works Construction Permit

Permission is hereby granted NOV 15 1993 to Construct (X) or Repair () an Individual Sewage Disposal System at No. 33 21-160.4

as shown on the application for Disposal Works Construction Permit No. 33 dated JUN 15 1993

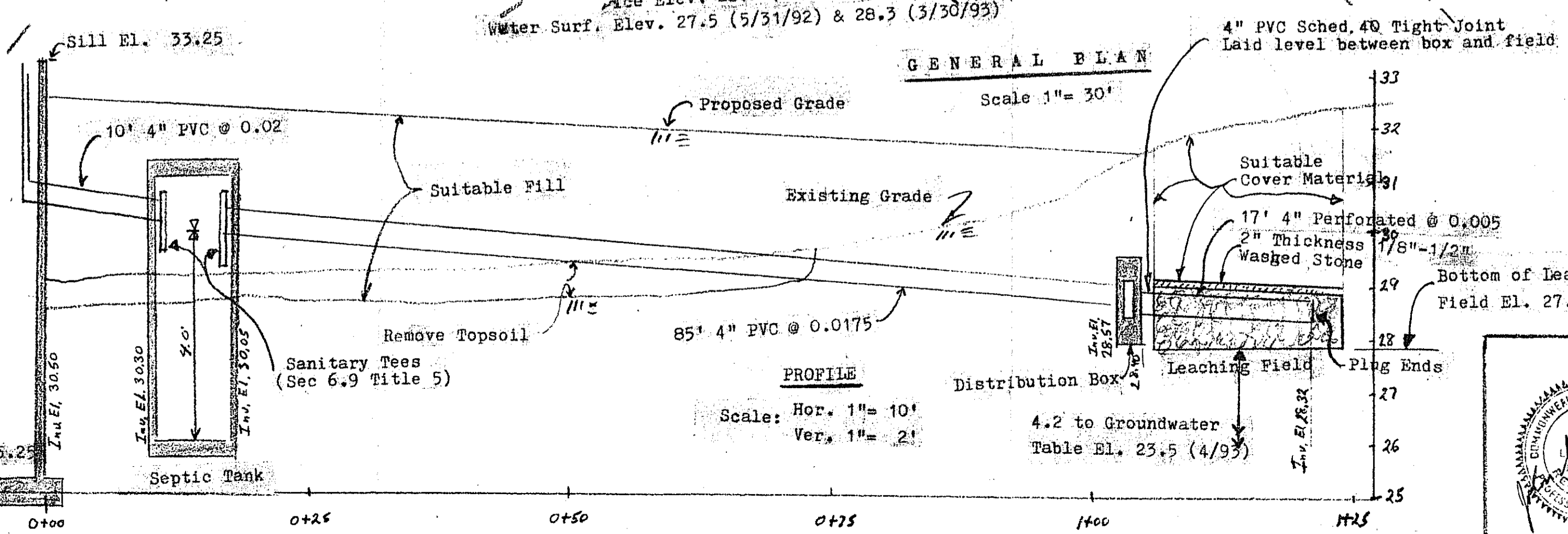
DATE JUN 16 1993 P. Look Health



DESIGN CRITERIA

Lot size 90,961 sq. ft. Located south and west of groundwater divide
 Allowable wastewater flow @ 110 gallons per 15,000 sq. ft. = 660 gallons per day or six bedrooms
 Design Hydraulic Loading
 Five bedrooms at 110 gallons per day per bedroom = 550 gpd. (No garbage grinder provided for)
 Septic Tank
 Average daily flow = 550 gpd x 150% = 825 gals.
 1,000 gallon septic tank provided
 Septic tank equal to PRECAST SEPTIC TANK ST 1000 as made by ACME Teaticket MA.
 Distribution Box
 6 Hole Residential Distribution Box DB6 by ACME
 Leaching Field Design Percolation Rate
 2 minutes per inch
 Bottom loading = 1.0 gals. per sq.ft. per day
 Sidewall loading none for leaching field
 Leaching Field
 5 pipes 6' on centers 17' long each
 Leaching field area 30'x20' = 600 sq. ft. x 1.0 gal per sq. ft. = 600 gpd
 Leaching field capacity provided = 600 gpd
 Washed stone 3/4" - 1 1/2" size - min depth 6"
 Pipelines
 4" PVC Schedule 40

- GENERAL NOTES**
- Property line information from plan titled "NORTH BOG" by Mineyard Land Surveying, September 24, 1986 Edgartown Case File 273-155
 - Topographic survey by stadia-transit method on N.G.V.D. datum by J.S. Lovewell May 1992-1993.
 - All construction to conform to the Massachusetts State Environmental CODE (Title 5) and the local Board of Health Requirements.
 - No known existing water supply wells within 100' of proposed leaching field. No known existing leaching areas located within 100' of proposed water supply well
 - For PERCOLATION TEST AND TEST PIT FIELD LOG and TEST PIT LOGS see attached.



PLOT PLAN
PROPOSED SUBSURFACE WASTEWATER DISPOSAL SYSTEM

PLAN & DETAILS OF PROPOSED SITE FACILITIES FOR SINGLE FAMILY RESIDENCE OF JULIE L. WILLIAMSON - EDGARTOWN MASS.

Scale: As Noted June 1993

J.S. LOVWELL P.E.
 P.O. Box No. 5251
 Edgartown MA 02539

