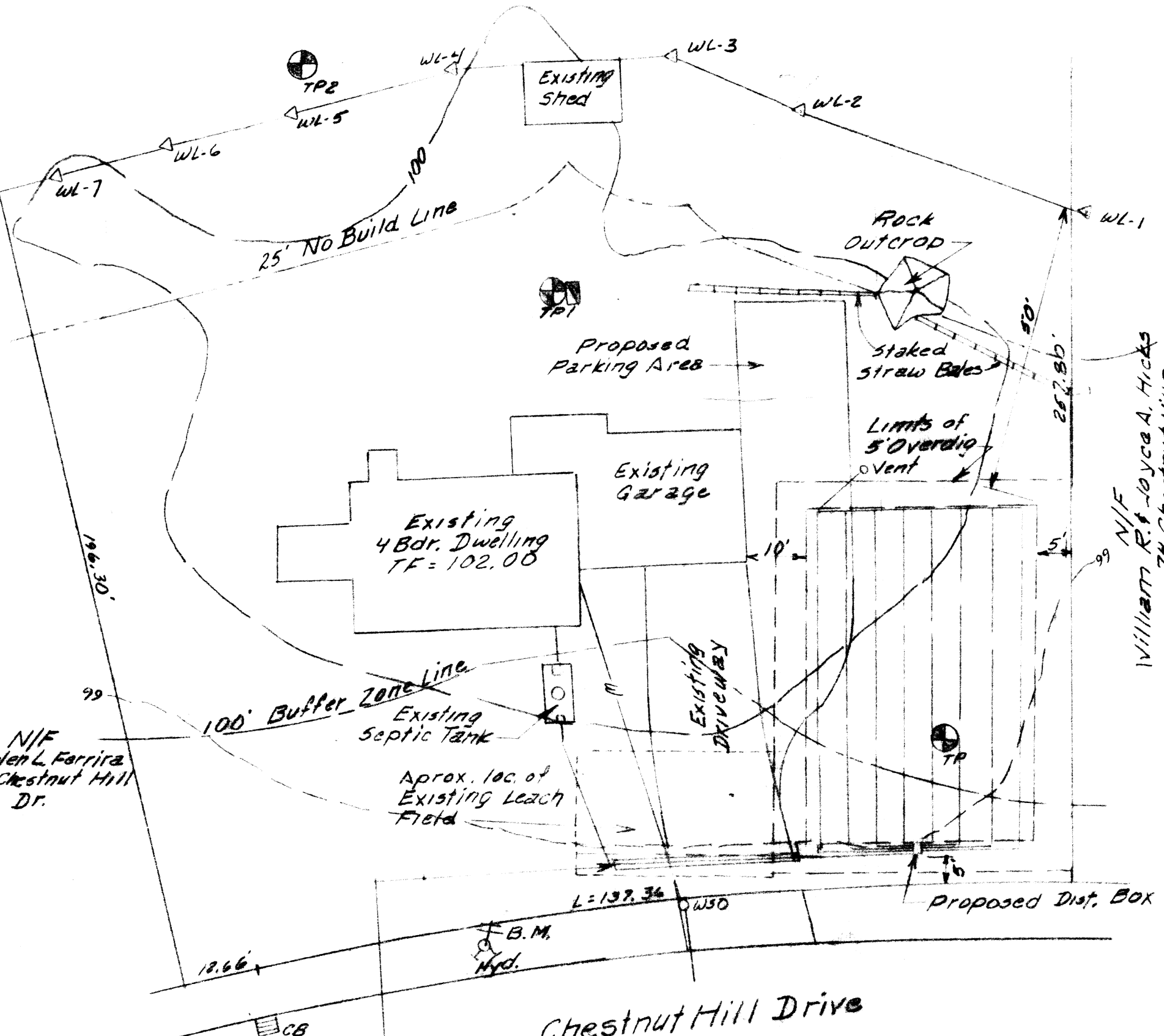


LOCUS MAP

AM 6 Lot 288
39491 Sq. Ft.



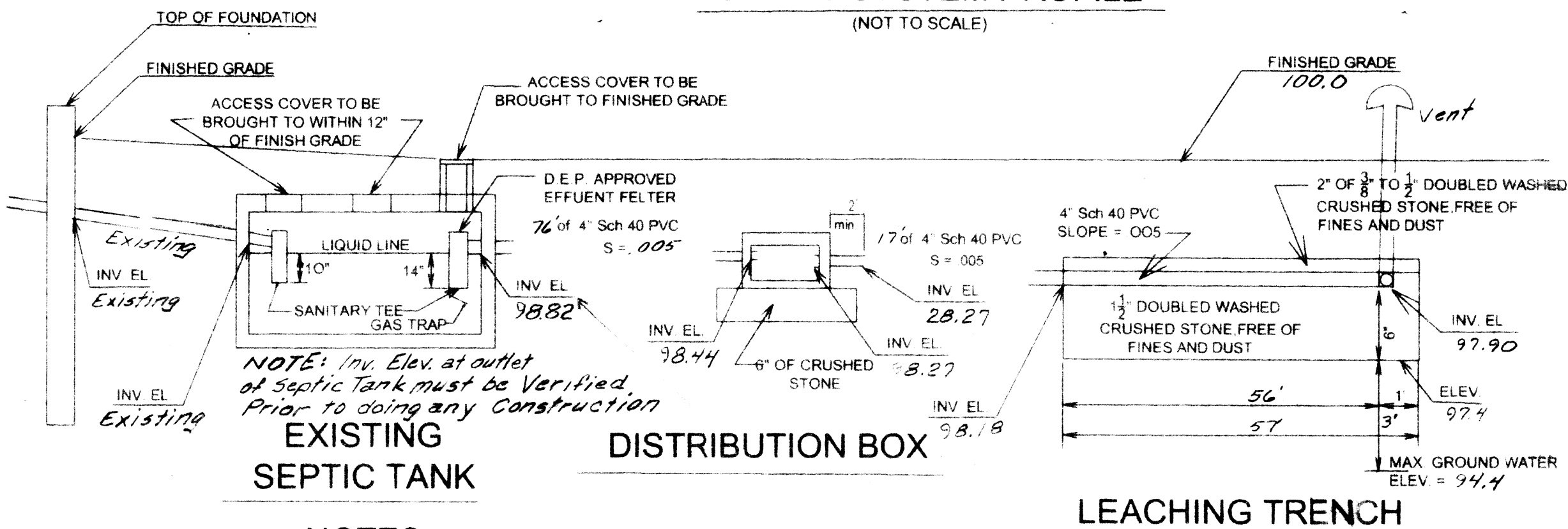
- Legend**
- EXIST. CONTOUR
 - PROPOSED CONTOUR
 - TEST PIT
 - PERC. HOLE
 - PROPOSED SPOT ELEVATION
 - EXISTING SPOT ELEVATION

SCALE
1" = 20'

BENCH MARK
SPINDAL OF HYDRANT
ELEV. = 100.00 (ASSUMED)

SEPTIC SYSTEM PROFILE

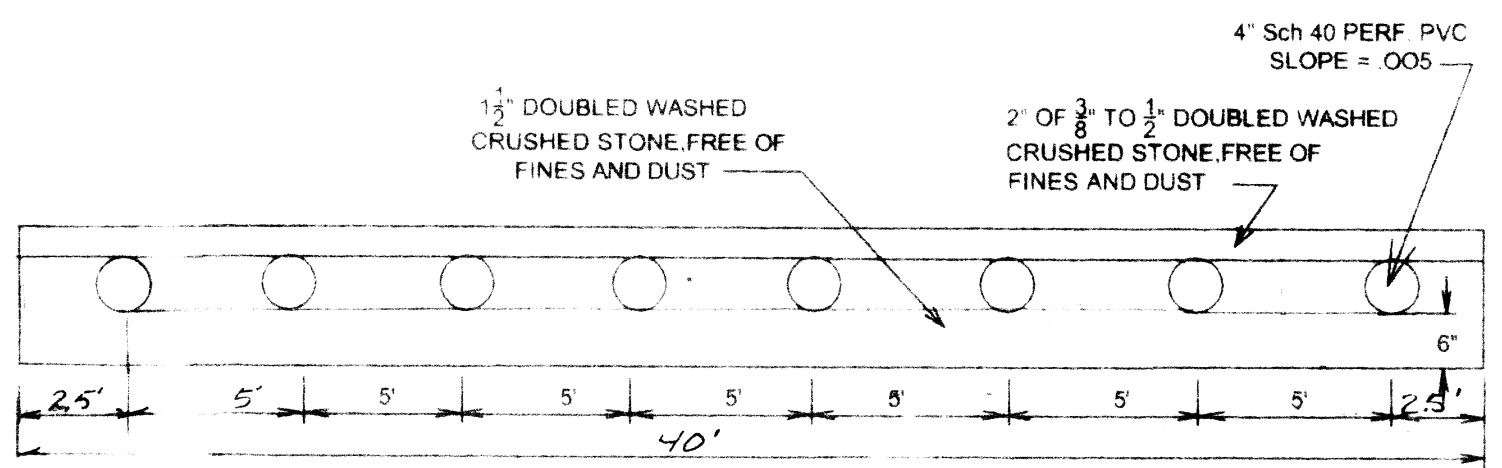
(NOT TO SCALE)



NOTES

- ALL COMPONENTS WILL BE BY BENSON INDUSTRIES OR APPROVED EQUAL
- ALL PIPE WILL BE 4" SCH 40 PVC
- MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF TITLE 5, MASS ENVIRONMENTAL CODE AND THE REQUIREMENTS OF THE LOCAL BOARD OF HEALTH
- ALL OF THE "A" AND "B" LAYERS SHALL BE REMOVED AS PER 310 CR 15 255 (5) FOR A DISTANCE OF 5' FROM ALL SIDES OF THE PROPOSED LEACHING SYSTEM AND FROM BENEATH THE LEACHING SYSTEM TO AN ELEVATION OF 91.4 OR UNTIL NATURALLY OCCURRING PERVIOUS MATERIAL IS REACHED AS PER 310 CMR 15 250 AND THE LOCAL B.O.H. OFFICER. AFTER THE EXCAVATION IS COMPLETE, THE AREA WILL BE BACKFILLED TO THE DESIGN ELEVATION AS PER 310 CMR 15 255 (3) AND THE LOCAL B.O.H. OFFICER
- ALL UTILITES SHOWN ARE PLOTTED FROM THE BEST AVAILABLE INFORMATION AND SHOULD BE VERIFIED BY THE CONTRACTOR FOR THE EXACT ELEVATION AND LOCATION PRIOR TO CONSTRUCTION OF THE PROPOSED SEWAGE DISPOSAL SYSTEM
- THIS PLAN IS DESIGNED TO MAXIMUM FEASIBLE COMPLIANCE AS PER CMR 310 15 404 AND 15 406
- ANY CHANGES OR VARIATIONS FROM THIS PLAN MUST BE APPROVED, IN WRITING, PRIOR TO CONSTRUCTION BY BOTH MILLER ENGINEERING AND THE LOCAL B.O.H.
- WE ARE REQUESTING A VARIANCE TO REDUCE THE DISTANCE BETWEEN THE BOTTOM OF THE LEACHING FIELD AND THE HIGH GROUND WATER FROM 4' TO 3'. AS PER 15 405 (1)(i)
- WE ARE REQUESTING A VARIANCE TO REDUCE THE DISTANCE BETWEEN THE LEACHING FIELD AND THE PROPERTY LINE FROM 10' TO 5'. AS PER 15 405 (1)(e)

FIELD CROSS - SECTION



DESIGN DATA

- DESIGN FLOW: PROPOSED 4 BEDROOM HOUSE, NO GARBAGE GRINDER
DESIGN FLOW: 4 BEDROOMS x 165 GAL/DAY = 660 GAL/DAY
- LEACHING AREA PROVIDED: PERCOLATION RATE = 30 MIN PER IN. SOIL CLASS 3
DESIGN PERCOLATION RATE = 30 MIN PER IN.
- LEACHING AREA PROVIDED: BOTTOM 57' LONG x 40' WIDE = 2280 SQUARE FEET
TOTAL AREA PROVIDED = 2280 SQUARE FEET
- CAPACITY: 2280 SQUARE FEET x 29 GAL PER SQUARE FOOT = 661 GAL PER DAY

SOIL DATA

SOIL TEST PERFORMED MAY 15, 2003 WITNESSED BY J. R. CHENEVERT OF THE SEEKONK BOARD OF HEALTH
SOIL TEST PERFORMED JANUARY 12, 1999 BY RICHARD BELLAVANCE AND WITNESSED BY J. R. CHENEVERT OF THE SEEKONK BOARD OF HEALTH

TEST PIT 2	TEST PIT 1
99.4 0	100.2 0
A SANDY LOAM	A SANDY LOAM
	99.2 12"
	B LOAMY SAND
	98.2 24"
	C1 SILT LOAM
	92.2 96"
	C2 SILT LOAM
	89.7 126"
PERC. RATE = 30 MPI REMOVE AND REPLACE TO 8' ELEV. = 91.4	PERC. RATE = 30 MPI
WATER ELEV. 94.4	

Received
AUG 11 2003
Con. Comm.

PROPOSED SEWAGE DISPOSAL SYSTEM

LOCATION: 62 CHESTNUT HILL DRIVE, SEEKONK, MA

APPLICANT: JOSEPH GEOFFROY, 62 CHESTNUT HILL DRIVE, SEEKONK, MA 69-525

PREPARED BY: MILLER ENGINEERING, 21 BROOK STREET, SEEKONK, MA (508) 761-7790

MAY 23, 2003

REVISION: 7-30-03 Revamped Leach Field

CHECKED: [Signature]

00-086