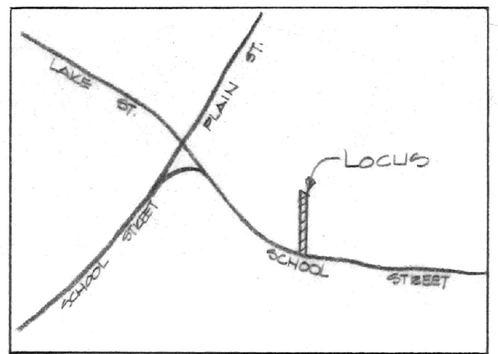
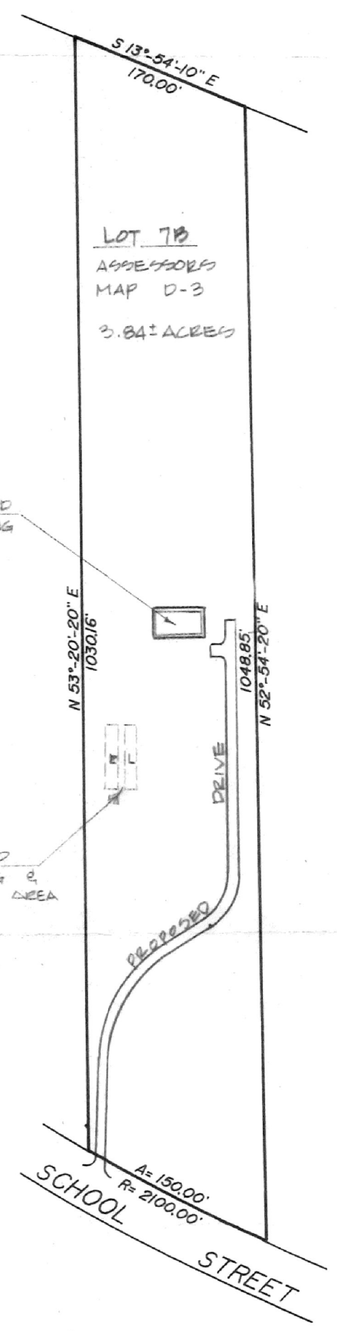
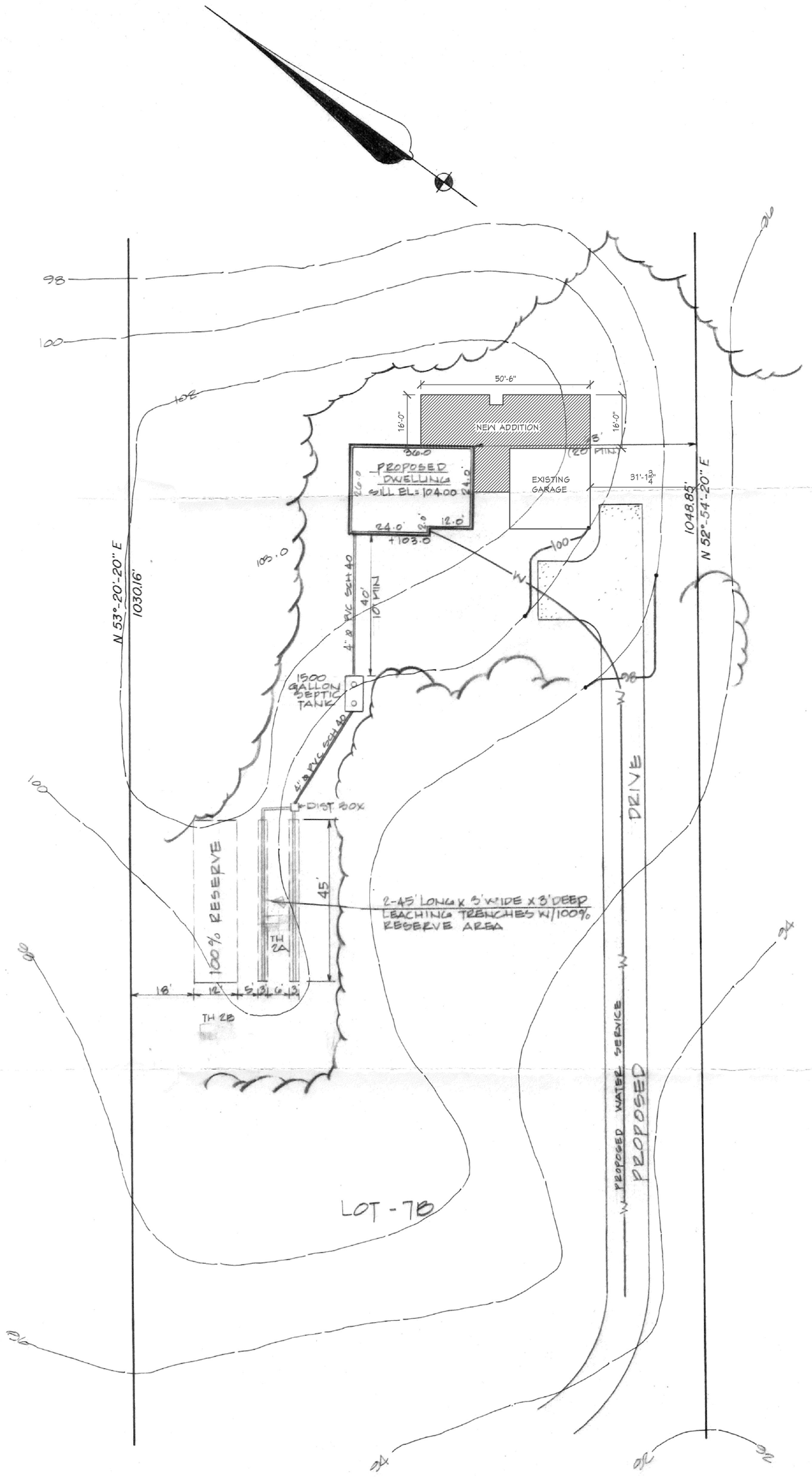


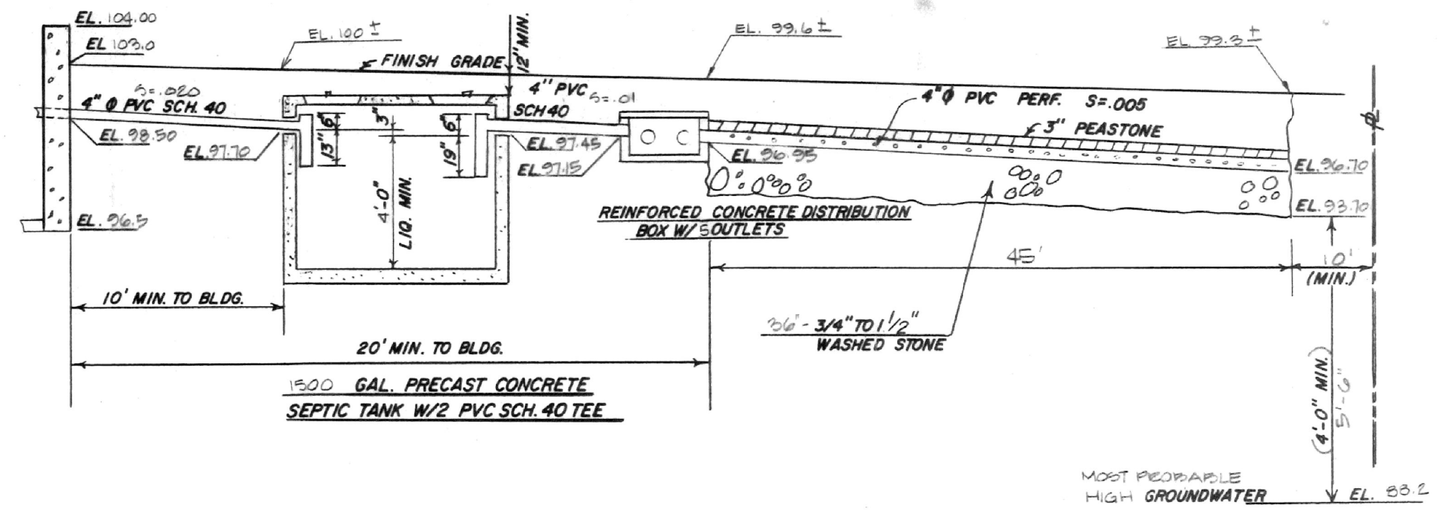
LOCATION MAP 1" = 2000'



SCALE = 1" = 100'



BENCH MARK:
SPIKE IN U.P. #126
EL. = 92.52



SEWAGE DISPOSAL SYSTEM PROFILE
(APPROX SCALE 1/4" = 1'-0")

PROFILE

DESIGN

APPROVED
PEMBROKE BOARD OF HEALTH

MUST USE ZABEL FILTER

APPLICATIONS FOR DISPOSAL WORKS CONSTRUCTION
SHOULD ALSO INCLUDE TECHNICAL

1. DESIGN DAILY FLOW 4 BR. x 200 GPD. = 800 GPD.
2. SEPTIC TANK 800 X 1.5 = 1200 USE: 1500 GAL. (MIN.)
3. LEACHING TRENCHES P.R. = 2 MIN/INCH
   USE: 2 - 45' LONG x 3' WIDE x 3' DEEP TRENCHES

PROPOSED AREA: PROPOSED CAPACITY:
SIDEWALL: 2 x 3 (2) x 45 = 540 S.F. x 2.50 GAL/S.F. = 1350 GPD
BOTTOM: 2 x 3' x 45' = 270 S.F. x 0.67 GAL/S.F. = 180 GPD
TOTAL AREA: 810 S.F. CAPACITY: 1530 GPD
> 800 S.F. MIN. > 800 GPD

WATER SYSTEM: PRIVATE X PUBLIC REMOTE

System May Not Be Covered And Premises May Not Be Sold Or Occupied Until Certificate Of Compliance Has Been Issued.

NOTES

1. PROPERTYLINE DATA FROM PLAN BY MERRILL ASSOCIATES, INC. DATED: 1/23/90
2. TOPOGRAPHIC SURVEY BY MERRILL ASSOCIATES 1/23/90
3. SOILS TESTING BY MERRILL ASSOCIATES WITNESSED BY HEALTH AGENT V. FREITAS 4/26/88
4. CALL DIG-SAFE 1-800-322-4844 AT LEAST 3 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. NOTIFY TOWN AND MERRILL ASSOCIATES PRIOR TO BACKFILLING OF SYSTEM.

LEGEND

EXISTING		PROPOSED
98	2' CONTOUR	100
98.7	SPOT ELEV.	+ 100.50
U.P.	UTILITY POLE	
W	WATER LINE	W
	TESTHOLE	
	PROPERTYLINE	

SOIL LOGS

	T.H. 2A EL. 99.0	T.H. 2B EL. 100.6	T.H. EL. ____	T.H. EL. ____	T.H. EL. ____	T.H. EL. ____
0–2	2'-0" HUMUS & SUBSOIL	2'-0" HUMUS & SUBSOIL				
2–4	EL. 99.0	97.0	98.6			
4–12	10'-0" COARSE TO MEDIUM SAND & GRAVEL	10'-0" COARSE TO MEDIUM SAND & GRAVEL				
	PERC. @ 4'-0" P.R. = 2 MIN/IN.					
12	EL. 89.0	EL. 88.6				
12–18	D= 12'-0" NO WATER	D= 12'-0" NO WATER				

REVISIONS

1	10/29	SYSTEM EL'S; DRIVE

ROBERT J. MERRILL
CIVIL
No. 19611
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
C.M.L. 10/29/90

MERRILL ASSOCIATES, INC.
REGISTERED PROFESSIONAL ENGINEERS
269 HANOVER STREET, HANOVER, MA 02339

LOT 7B - SCHOOL STREET
SUBSURFACE SEWAGE DISPOSAL SYSTEM
PEMBROKE, MA

APPLICANT/OWNER
RICHARD GRADY
6 WHITE PINE LANE
KINGSTON, MA 02364

PEMBROKE
NOV 14 1990
BOARD OF HEALTH

APRIL 23, 1990
SCALE: 1" = 20'
JB. NO. 89 091
LATEST REV. 10/29/90

SHEET 1 OF 1