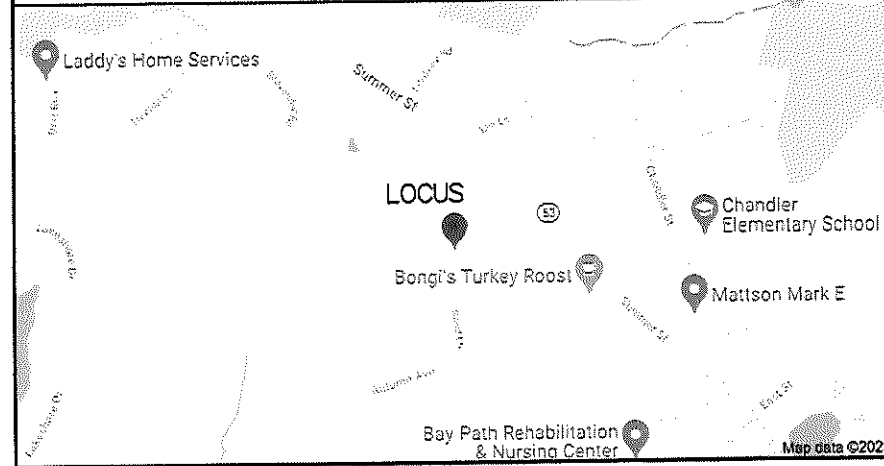


**LOCUS PLAN (NOT TO SCALE)**

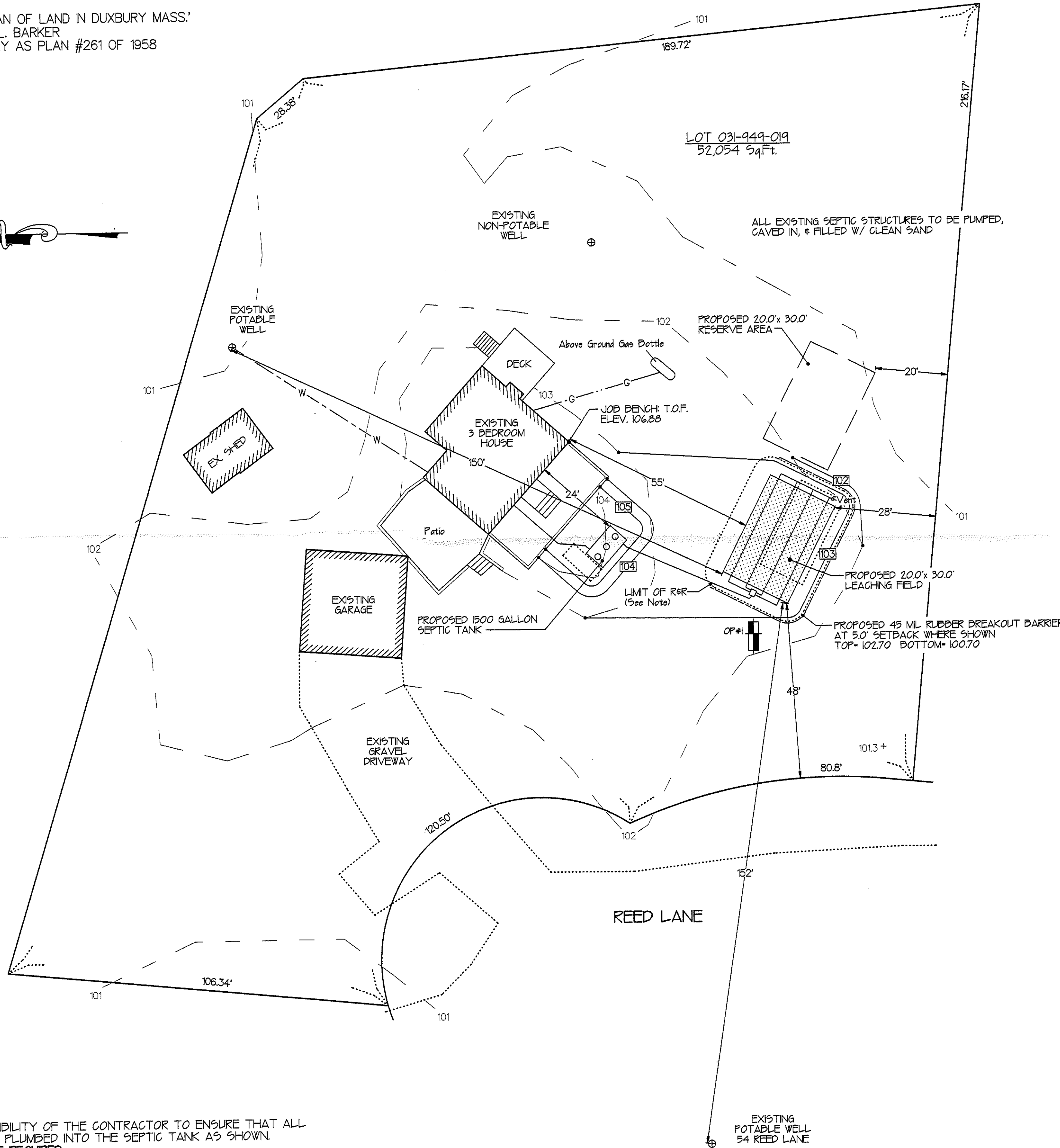


**ADJUTER WATER SUPPLY**

PARCEL #	STREET ADDRESS	BLDG	WATER SUPPLY
031-949-004	1 GREEN WAY	Y	TOWN WATER
031-949-014	45 REED LANE	Y	TOWN WATER
031-949-016	54 REED LANE	Y	TOWN WATER
031-949-015	60 REED LANE	Y	TOWN WATER

DEED REFERENCE:  
BOOK 39959 PAGE 207

PLAN REFERENCE:  
LOCUS SHOWN ON 'PLAN OF LAND IN DUXBURY MASS.'  
APRIL 28, 1958 BY O.L. BARKER  
RECORDED AT REGISTRY AS PLAN #261 OF 158



\*IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL DOMESTIC WASTE IS PLUMBED INTO THE SEPTIC TANK AS SHOWN. REPLUMBING WILL BE REQUIRED.

THERE ARE NO WETLANDS WITHIN 150' OF THE PROPOSED LEACHING FACILITY.

THE PROPOSED LEACHING IS NOT WITHIN A ZONE 1, BUT IS WITHIN A ZONE 2 OF A PUBLIC WATER SUPPLY

THERE ARE NO EASEMENTS OR RIGHTS OF WAY ON PROPERTY, OTHER THAN SHOWN

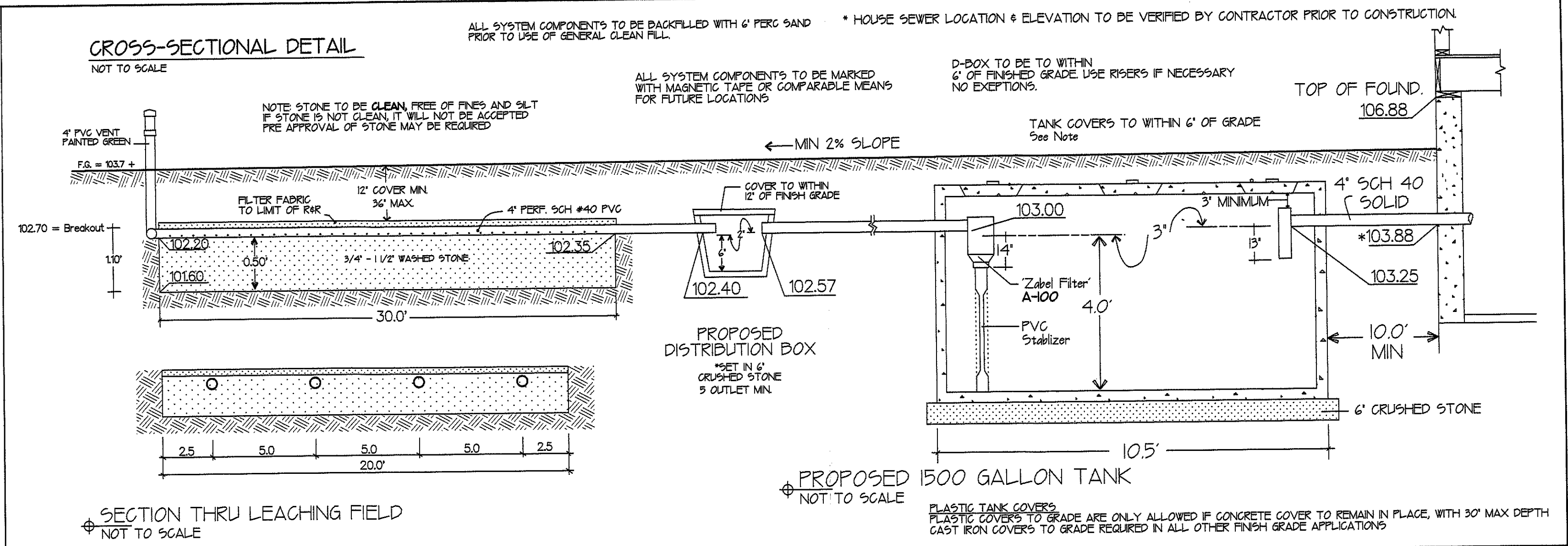
THERE ARE NO POTABLE WELLS WITHIN 150 FEET OF THIS PROPOSED SYSTEM.

THERE ARE NO IRRIGATION WELLS WITHIN 100 FEET OF THIS PROPOSED SYSTEM.

THE PROPOSED LEACHING IS NOT WITHIN A FLOOD ZONE -BASED ON FEMA FLOOD MAP

— 97 — PROPOSED CONTOURS  
- - - - - EXISTING CONTOURS

**CROSS-SECTIONAL DETAIL**



SECTION THRU LEACHING FIELD  
NOT TO SCALE

PROPOSED 1500 GALLON TANK  
NOT TO SCALE

**R&R NOTE**

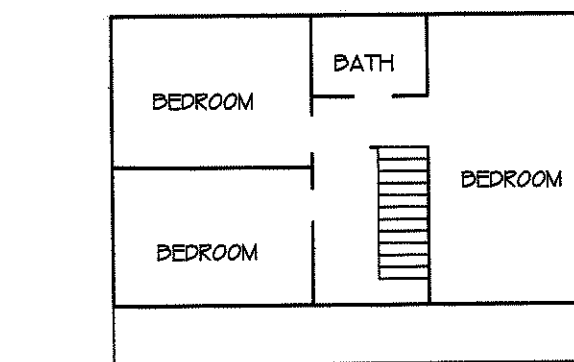
NOTE: ALL IMPERVIOUS MATERIALS TO BE REMOVED FOR 5.0' AROUND PROPOSED LEACHING TO THE LAYER OF COARSE SAND APPROXIMATE ELEVATION 99.8 AND REPLACED WITH CLEAN SAND IN ACCORDANCE WITH 310 CMR 15.255 (3)

**LOCAL VARIANCE REQUESTED:**

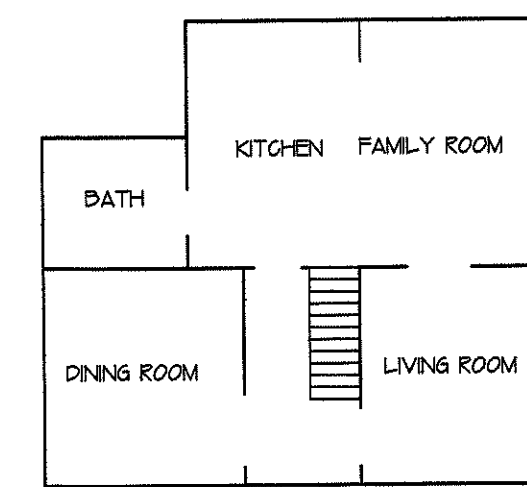
110 (b)-A REDUCTION IN THE SEPARATION BETWEEN THE BOTTOM OF THE SAS AND THE MAXIMUM SEASONAL HIGH WATER TABLE FROM 6.0' TO 5.0'

**LOCAL UPGRADE VARIANCE REQUESTED:**

15.405 (h)-A REDUCTION IN THE SEPARATION BETWEEN THE BOTTOM OF THE SAS AND THE MAXIMUM SEASONAL HIGH WATER TABLE FROM 5.0' TO 4.0'



SECOND FLOOR PLAN



FIRST FLOOR PLAN

I HEREBY CERTIFY THAT THERE ARE NO WELLS, OTHER THAN THOSE SHOWN, KNOWN OR REPORTED TO ME WITHIN 150 FEET OF THIS PROPOSED SYSTEM.

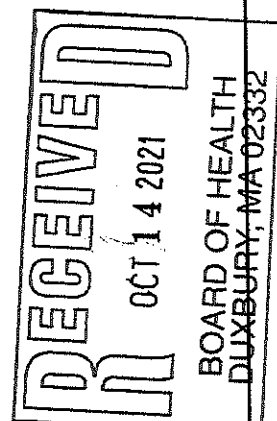
I CERTIFY THAT ON 9/4/96 I HAVE PASSED THE SOIL EVALUATOR EXAMINATION APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THAT THE ABOVE ANALYSIS WAS PERFORMED BY ME CONSISTENT WITH THE REQUIRED TRAINING, EXPERTISE AND EXPERIENCE DESCRIBED IN 310 CMR 15.017.



Shayne P. McGlone R.S.

**SOIL LOGS**

PERFORMED BY:	WITNESSED BY:	DATE:
SHAYNE P. MCGLONE SOIL EVALUATOR	TRACY MAYO HEALTH AGENT	SEPT 8, 2021
PERCOLATION RATES:		
OP. #1	OP. #2	PERC. TEST ELEVATION
1' < 2 MINS.	1' < 2 MINS.	RATE 1' < 2 MINS.
SOIL TYPE CLASS 1 L.T.A.R. = 0.74 GPD / Sq.Ft.		
SEASONAL HIGH WATER ELEVATION 97.6		



PROPOSED IN-LINE ELEVATIONS	DESIGN CALCULATIONS
TOP OF FOUNDATION INV. AT HOUSE	NUMBER OF BEDROOMS = 3 DESIGN FOR: 3 @ 110 GPD = 330 GPD.
INV INTO TANK INV OUT OF TANK	<b>LEACHING FIELD</b>
INV INTO D-BOX INV OUT OF BOX	DEPTH BELOW INV. 0.50 WIDTH 20.00 TOTAL LENGTH 30.00
INV INTO FIELD INV END FIELD BOTTOM OF STONE	BOTTOM AREA 600.00 TOTAL SQUARE FEET 600.00 Sq.Ft.
SEASONAL HIGH WATER TABLE BREAKOUT ELEVATION	CAPACITY BOTTOM @ 0.74 444.00 CAPACITY TOTAL 444 GPD

- NOTES:**
- ALL LOCATIONS OF UTILITIES SHOWN ARE AS MARKED BY DIGSAFE AND ARE TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
  - INSPECTIONS BY ENGINEER ARE TO BE AS FOLLOWS:  
1- EXCAVATION INSPECTION- PRIOR TO PLACEMENT OF PERC SAND.  
2- FINAL INSPECTION- PRIOR TO BACKFILL OF SYSTEM  
3- FINISH GRADE INSPECTION- FOLLOWING BACKFILL OF SYSTEM
  - BOARD OF HEALTH INSPECTIONS TO BE MADE AS REQUIRED BY TOWN
  - IT IS THE RESPONSIBILITY OF THE INSTALLER TO GIVE NOTIFICATION FOR INSPECTIONS. FAILURE TO DO SO WILL RESULT IN NON-CERTIFICATION.
  - THIS PROPOSED SEPTIC SYSTEM IS NOT DESIGNED FOR THE USE OF A GARBAGE GRINDER
  - PROPERTY LINE DATA TAKEN FROM EXISTING DEEDS & RECORDS. THIS PLAN IS TO BE USED FOR SEPTIC SYSTEM INSTALLATION ONLY.
  - NO CHANGES ARE TO BE MADE IN THE FIELD WITHOUT THE APPROVAL OF THE BOARD OF HEALTH AND THE DESIGN ENGINEER.
  - SEPTIC TANK SHOULD BE PLUMBED AND FILTER CLEANED ANNUALLY.

**MCGLONE ENTERPRISES INC.**  
211 PEMBROKE ST. KINGSTON MASS.  
781-585-8527

PLAN SHOWING  
PROPOSED SEPTIC SYSTEM UPGRADE for:  
NANCY FALLAW & RICHARD MEREDITH  
53 REED LANE, DUXBURY

DRAWN BY: S.P. MCGLONE	SCALE 1" = 20'	SHEET 1 OF 1
CHECKED BY:	DATE: OCT. 12, 2021	DRWG# 1FALNSYS.GCD