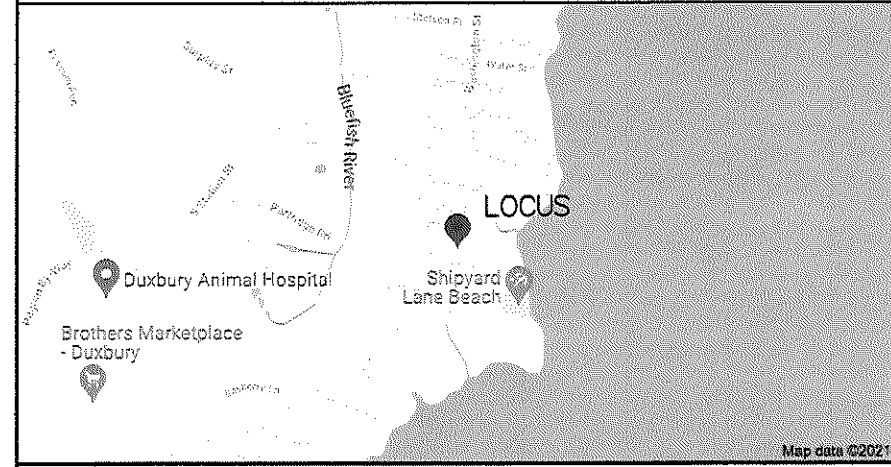


LOCUS PLAN (NOT TO SCALE)



ADJUTTER WATER SUPPLY

PARCEL #	STREET ADDRESS	BLDG	WATER SUPPLY
120-196-001	52 JOSSELYN AVENUE	Y	TOWN WATER
120-193-000	30 JOSSELYN AVENUE	Y	TOWN WATER
120-199-203	57 JOSSELYN AVENUE	Y	TOWN WATER
120-196-002	50 JOSSELYN AVENUE	Y	TOWN WATER
120-195-000	42 JOSSELYN AVENUE	Y	TOWN WATER
120-194-000	38 JOSSELYN AVENUE	Y	TOWN WATER
120-199-000	39 JOSSELYN AVENUE	Y	TOWN WATER
120-199-201	45 JOSSELYN AVENUE	Y	TOWN WATER
120-199-202	51 JOSSELYN AVENUE	Y	TOWN WATER

DEED REFERENCE:
LCC 98478

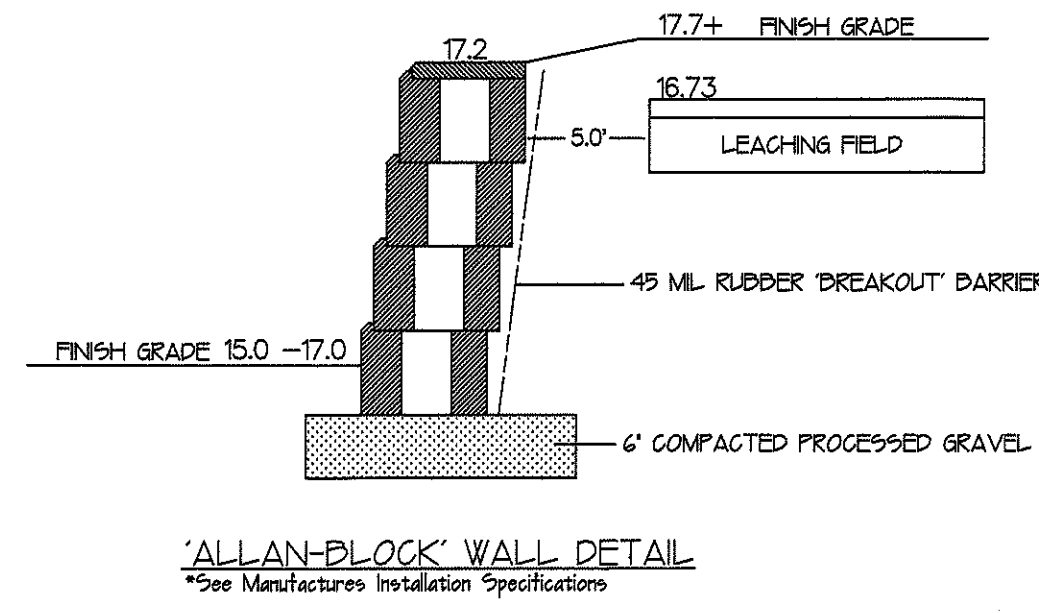
PLAN REFERENCE:
LOCUS SHOWN ON 'PLAN OF LAND IN DUXBURY MASS' JULY 28, 1954 BY DELANO & KEITH-SURVEYORS RECORDED IN LAND COURT AS PLAN 25224A

LOCAL UPGRADE VARIANCES REQUESTED:
15.405 (b)-A REDUCTION IN THE REQUIRED SETBACK S.A.S. TO CRAWL/SLAB FROM 10.0' TO 5.0'

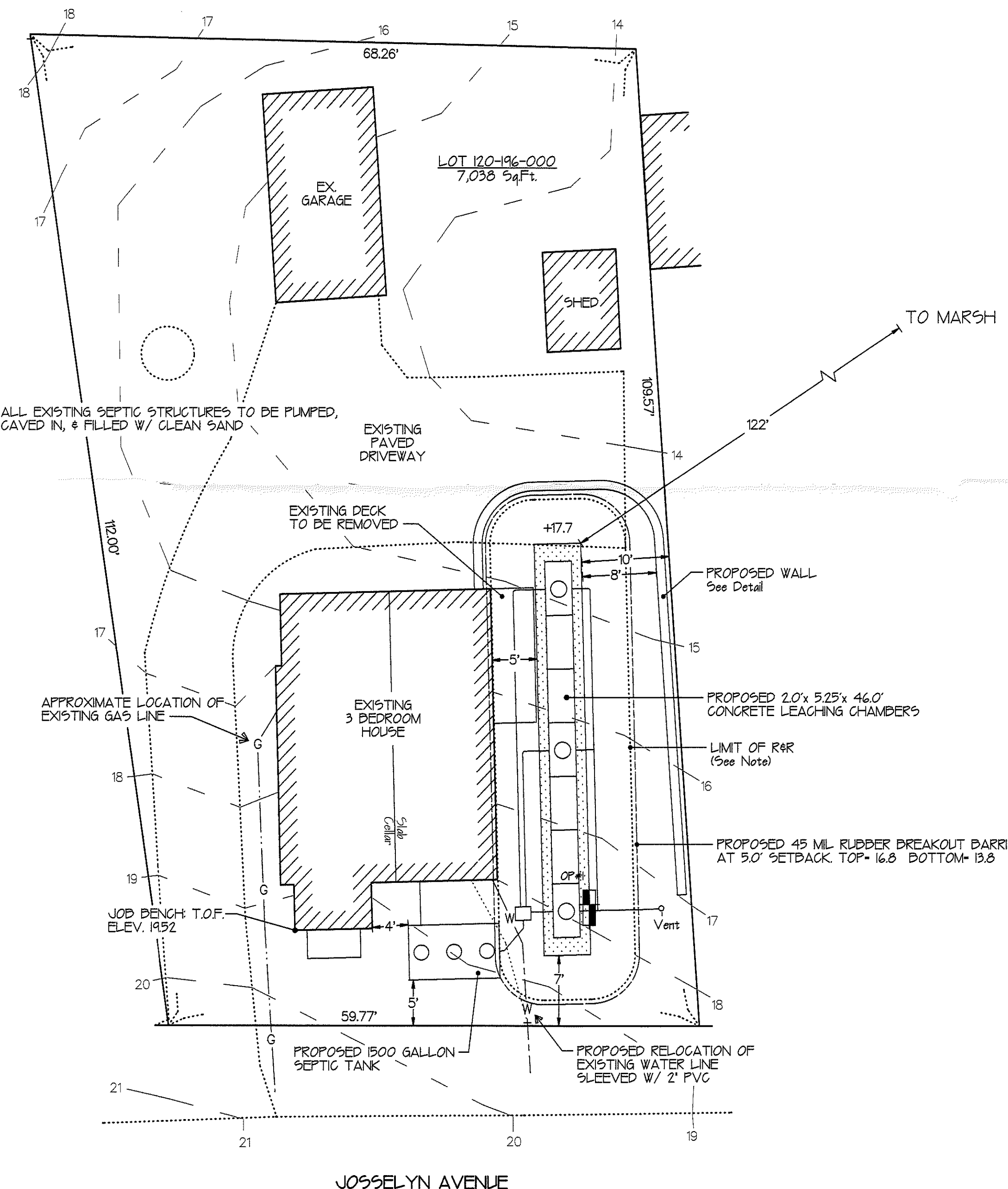
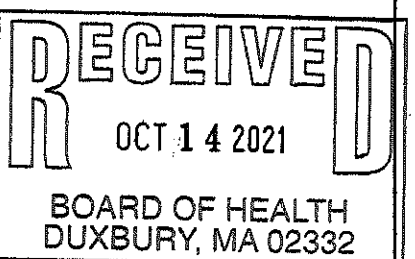
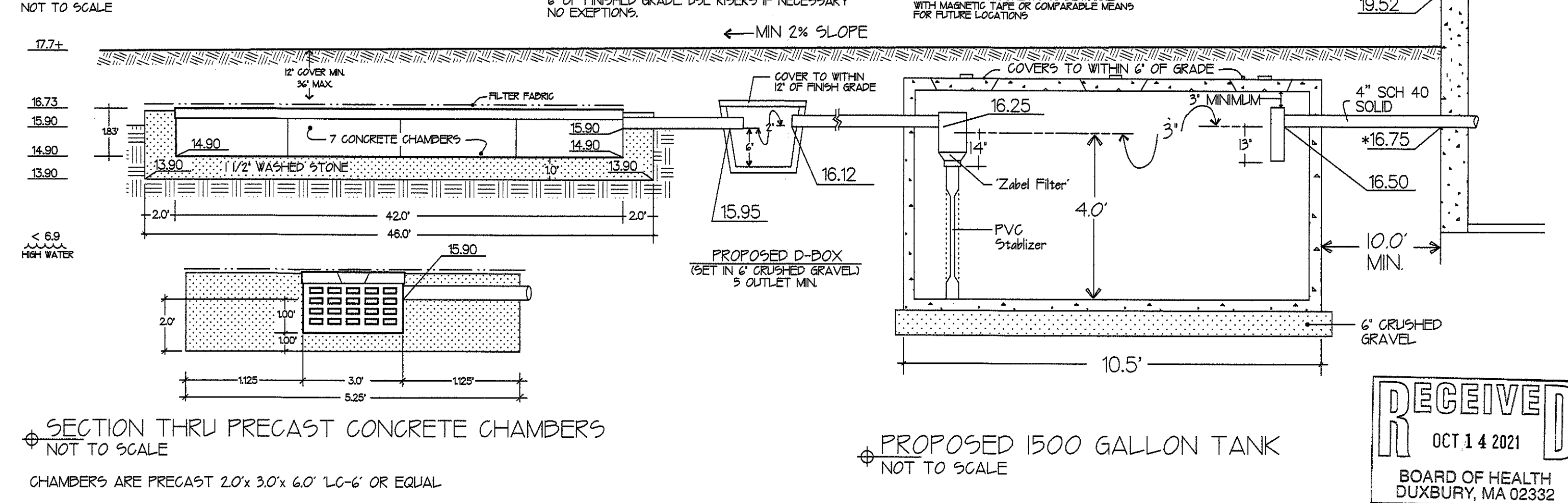
15.405 (b)-A REDUCTION IN THE REQUIRED SETBACK SEPTIC TANK FROM CRAWL/SLAB FROM 10.0' TO 4.0'

15.405 (b)-A REDUCTION IN THE REQUIRED SETBACK SEPTIC TANK FROM STREET PROPERTY LINE FROM 10.0' TO 7.0'

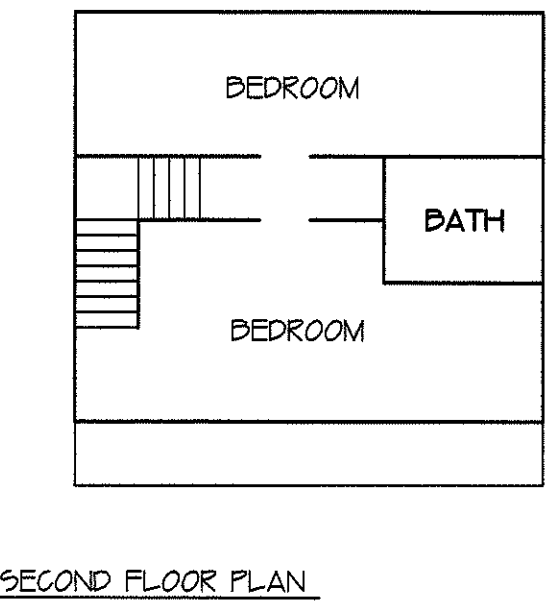
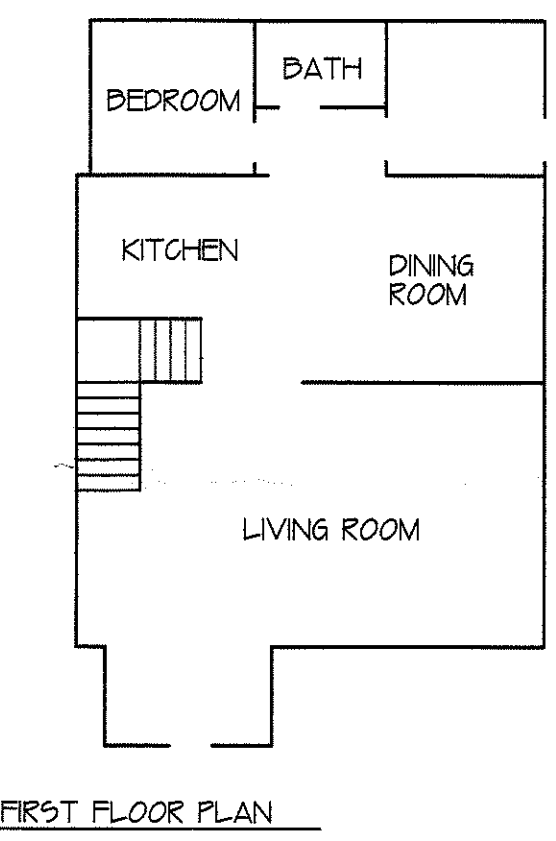
LOCAL VARIANCE REQUESTED:
110 (a)-A REDUCTION IN THE REQUIRED SETBACK S.A.S. TO SALT MARSH FROM 150' TO 122'



CROSS-SECTIONAL DETAIL



R&R NOTE
NOTE: ALL IMPERVIOUS MATERIALS TO BE REMOVED FOR 5.0' AROUND PROPOSED LEACHING TO THE LAYER OF G₁ - MEDIUM SAND APPROXIMATE ELEVATION 15.0 AND REPLACED WITH CLEAN SAND IN ACCORDANCE WITH 310 CMR 15.255 (3)



SOIL LOGS DATE: SEPT. 3, 2021

PERFORMED BY:	WITNESSED BY:	PERCOLATION RATE:
SHAYNE P. MCGLONE SOIL EVALUATOR	TRACY MAYO HEALTH AGENT	OP. #1 1' < 2' MIN.
ELEV. 17.7	OBS. PIT #1 DEPTH 0.0	SEASONAL HIGH WATER ELEVATION < 6.9
16.5	A LOAMY SAND 10' 3/2 1.2 (14")	
15.0	B LOAMY SAND 10' 5/6 2.7 (32")	
6.9	G MEDIUM SAND 25' 6/3 10.8 (130")	
PERC TEST ELEVATION RATE 1' < 2' MIN. SOIL TYPE CLASS 1 L.T.A.R. = 0.74 GPD/ 5/4 Ft. NO WATER ENCOUNTERED		

PROPOSED IN-LINE ELEVATIONS	DESIGN CALCULATIONS
TOP OF FOUNDATION 19.52	NUMBER OF BEDROOMS 3
INV AT HOUSE *16.75	DESIGN FOR: 330 GPD.
INV INTO TANK 16.50	CONCRETE LEACHING CHAMBERS
INV OUT OF TANK 16.25	NO. OF UNITS 7
INV INTO D-BOX 16.12	DEPTH BELOW INV. 2.00
INV OUT OF BOX 15.95	WIDTH 5.25
	TOTAL LENGTH 46.00
INV INTO CHAMBERS 15.90	SIDEWALL AREA 205.00
BOTTOM OF CHAMBERS 14.90	BOTTOM AREA 24150
BOTTOM OF STONE 13.90	TOTAL SQUARE FEET 448.50 Sq.Ft.
SEASONAL HIGH WATER TABLE < 6.9	CAPACITY SIDE @ 0.74 151.70
BREAKOUT ELEVATION 16.73	CAPACITY BOTTOM @ 0.74 178.71
	CAPACITY TOTAL 330 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 PUMPED AND FILTER CLEANED ANNUALLY.

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

PLAN SHOWING
SEPTIC SYSTEM UPGRADE for:
INGRID LINDQUIST
44 JOSSELYN AVENUE, DUXBURY

*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.

THE PROPOSED LEACHING IS NOT WITHIN A ZONE 1 OR 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

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
No. 108
REGISTERED
SANITARIAN

10.13.21
Shayne P. McGlone R.S.

— 97 — PROPOSED CONTOURS
- - - EXISTING CONTOURS - To Remain
+97.3 PROPOSED SPOT ELEVATION

DRAWN BY: S.P. MCGLONE	SCALE 1" = 10'	SHEET 1 OF 1
CHECKED BY:	DATE: Revised 10/13/21 OCT. 4, 2021	DRWG# 1LINSYS.GCD