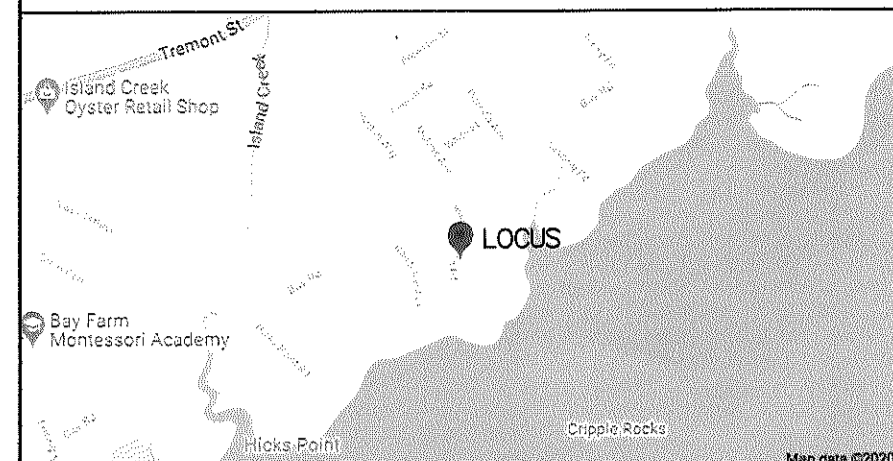


LOCUS PLAN (NOT TO SCALE)



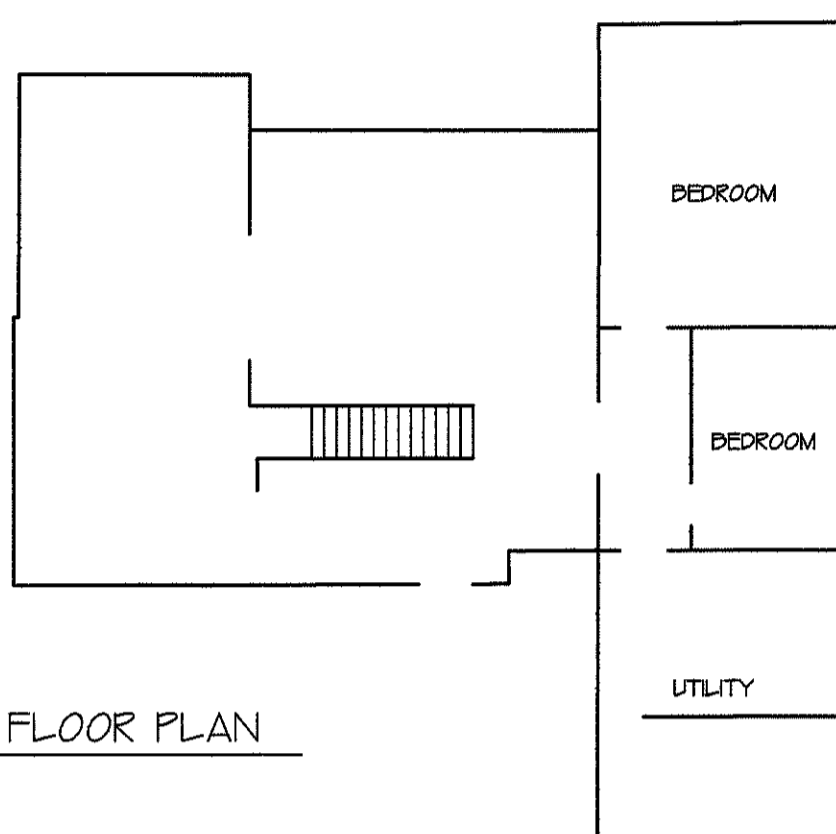
ADJUTTER WATER SUPPLY

PARCEL #	STREET ADDRESS	BLDG	WATER SUPPLY
101-962-003	31 SEABURY POINT ROAD	Y	TOWN WATER
101-962-002	17 SEABURY POINT ROAD	Y	TOWN WATER
083-962-011	44 SEABURY POINT ROAD	Y	TOWN WATER
083-962-010	46 SEABURY POINT ROAD	Y	TOWN WATER
101-962-005	57 SEABURY POINT ROAD	Y	TOWN WATER

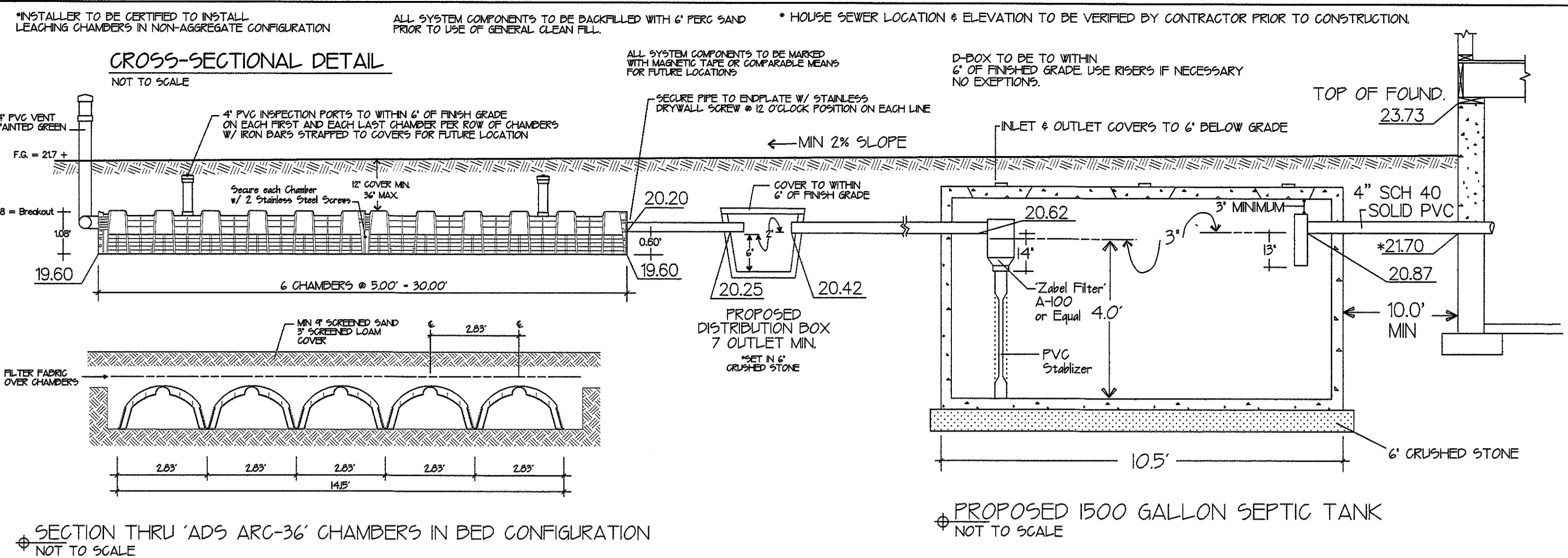
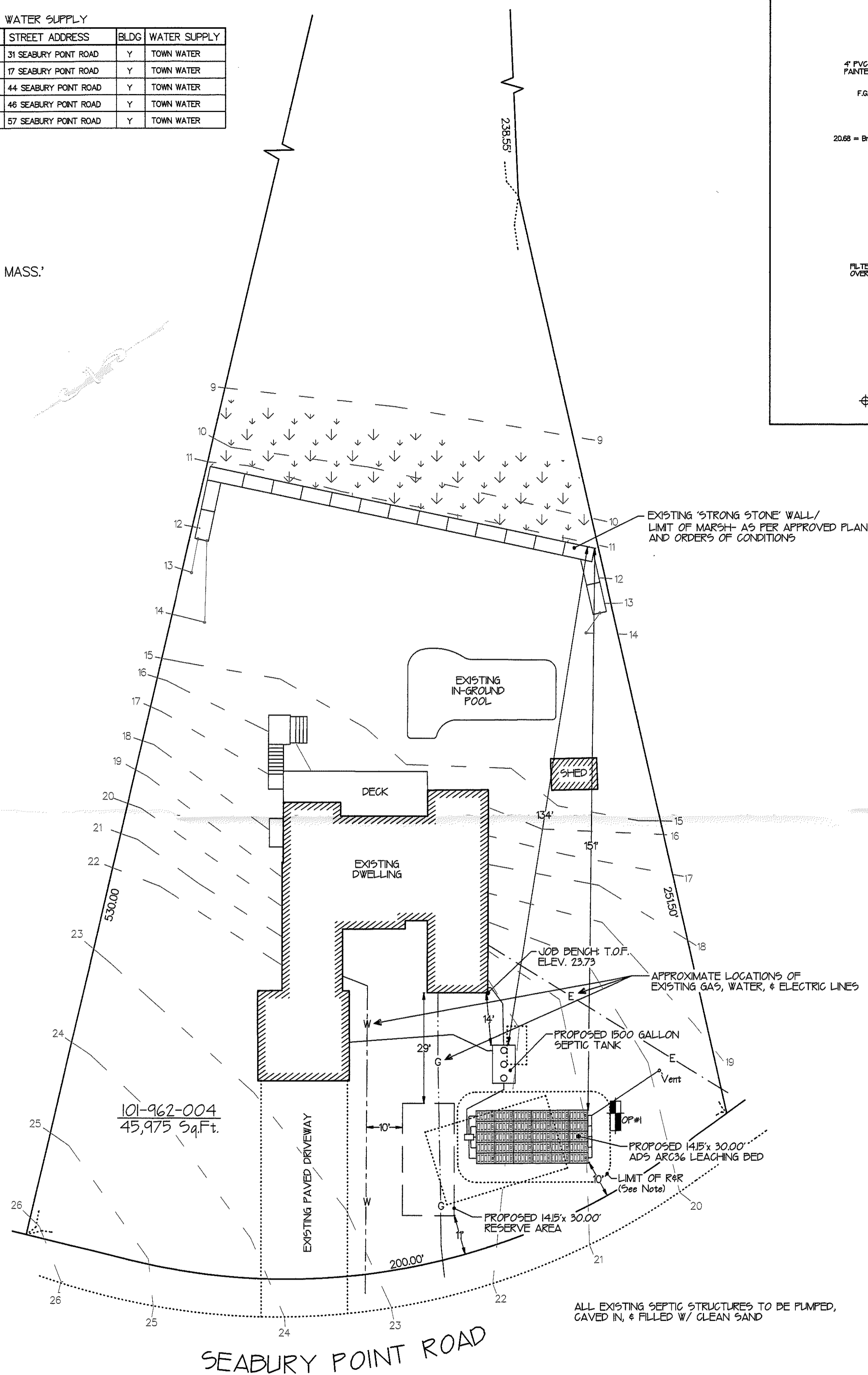
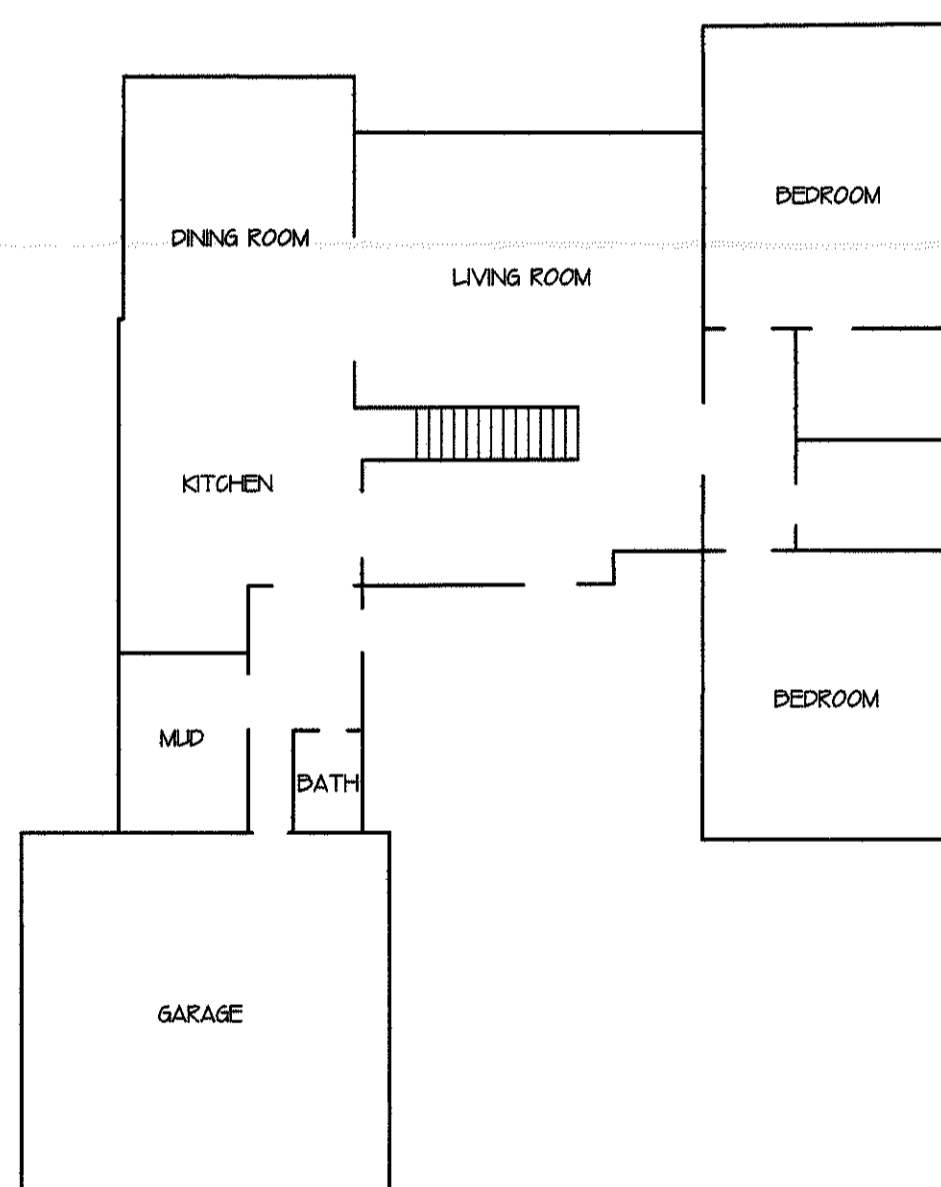
DEED REFERENCE:  
BOOK 26915 PAGE 315

PLAN REFERENCE:  
LOCUS SHOWN ON 'SUBDIVISION OF PLAN OF LAND IN DUXBURY MASS.'  
MAY 26, 1969 BY JOHN CAULFIELD R.L.S.  
RECORDED AT REGISTRY AS PLAN #511 OF 1969

LOWER FLOOR PLAN



FIRST FLOOR PLAN



**R&R NOTE**  
NOTE: ALL IMPERVIOUS MATERIALS TO BE REMOVED FOR 5.0' AROUND PROPOSED LEACHING TO THE LAYER OF G<sub>1</sub> - LOAMY SAND APPROXIMATE ELEVATION 13.4 AND REPLACED WITH CLEAN SAND IN ACCORDANCE WITH 310 CMR 15.255 (3)

**LOCAL UPGRADE VARIANCE REQUESTED:**  
15.405 (D)-A VARIANCE TO ALLOW USE OF SIEVE ANALYSIS IN PLACE OF PERC TEST DUE TO HIGH WATER

**LOCAL VARIANCE REQUESTED:**  
111 (b)- A REDUCTION IN THE REQUIRED SEPARATION OF S.A.S. TO SEASONAL HIGH WATER FROM 5.0' TO 4.0'

SOIL LOGS DATE: SEPT. 25, 2020

PERFORMED BY:	WITNESSED BY:	PERCOLATION RATE
SHAYNE P. MCGLONE SOIL EVALUATOR	TRACY MAYO HEALTH AGENT	OP. #1 1" - 8 MINS - ASSUMED

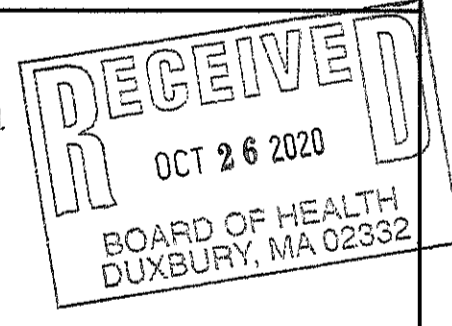
  

ELEV.	ODS. PIT #1	DEPTH	SEASONAL HIGH WATER ELEVATION 15.6
20.6	FILL	0.0	
15.6	PEAT	5.0 (60")	
13.6	WAVING	7.0 (84")	
13.4	G <sub>1</sub>	7.2 (88")	
9.6	LOAMY SAND 2 1/2" G/2 Uncompacted	11.0 (132")	

SIEVE SAMPLE ELEVATION RATE 1" - 8 MINS - ASSUMED SOIL TYPE CLASS 1 L.T.A.R. = 0.66 GPD / Sq.Ft.

PROPOSED IN-LINE ELEVATIONS	DESIGN CALCULATIONS
TOP OF FOUNDATION 23.73	NUMBER OF BEDROOMS 4
INV. AT HOUSE *21.70	Design for: 4 Bedrooms = 440 GPD.
INV INTO TANK 20.87	'ADS ARC 36' LEACHING CHAMBER BED
INV OUT OF TANK 20.62	Aggregate Free - Bed Configuration
INV INTO D-BOX 20.42	DAILY FLOW 440.00 GPD
INV OUT OF BOX 20.25	Min. Square Footage Required 440 gpd / 0.66 gpd/sf = 667 Sq.Ft. Min.
INV INTO CHAMBERS 20.20	Number of Chambers Required:
BOTTOM OF CHAMBERS 19.60	667 Sq.Ft. / 4.80 Sq.Ft. per Linear Foot = 127 Lin Feet = 28 Chamber Units Required
SEASONAL HIGH WATER TABLE 15.6	Chamber Units Provided = 30
'BREAKOUT' ELEVATION 20.68	(30 x 5.00') x 4.80 = 720 Sq.Ft. = 475 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 -FOLLOWING INSTALLATION OF PERC SAND AROUND INFILTRATORS BUT 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 SITE PLAN/ SEPTIC 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.
  - SEPTIC SYSTEM IS NOT DESIGNED TO BE TRAVELED ON W/ HEAVY EQUIPMENT OR VEHICLES.



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

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

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

— [97] — PROPOSED CONTOURS  
- - - EXISTING CONTOURS-To Remain  
+97.3 SPOT ELEVATIONS

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.  
10-13-2020

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

PLAN SHOWING  
PROPOSED SEPTIC SYSTEM UPGRADE  
& 'AS-BUILT' of WALL for:  
MARILYN COMMANDER  
45 SEABURY POINT ROAD, DUXBURY

DRAWN BY: S.P. MCGLONE	SCALE 1" = 20'	SHEET 1 OF 1
CHECKED BY:	DATE: OCT. 13, 2020	DRWG# 1KENESYS.GCD