

SUPPLEMENTAL SCHEDULE OF ELEVATIONS						
	4" INV	BOT PIPE	BOT SAND	TOP PIPE	TOP SAND	FINISH G
PIPE 1	97.00'	96.42'	95.92'	97.42'	97.92'	98.67'
PIPE 2	96.63'	96.04'	95.54'	97.04'	97.54'	98.29'
PIPE 3	96.25'	95.67'	95.17'	96.67'	97.17'	97.92'
PIPE 4	95.88'	95.29'	94.79'	96.29'	96.79'	97.54'
PIPE 5	95.50'	94.92'	94.42'	95.92'	96.42'	97.17'
PIPE 6	95.13'	94.54'	94.04'	95.54'	96.04'	96.79'
PIPE 7	94.75'	94.17'	93.67'	95.17'	95.67'	96.42'

DESIGN CALCULATIONS

DESIGN CRITERIA:

- SINGLE FAMILY HOME - NO GARBAGE DISPOSAL
- DESIGN PERC RATE: 10 mpi
- LOADING RATE: 0.6 gpd/ft²

DESIGN FLOW:

(3 BEDROOM/511) (110 gpd/BEDROOM) = 330 gpd

SEPTIC TANK:

1500 gal REQUIRED - 1500 gal 2 COMPARTMENT PROVIDED

SOIL ABSORPTION SYSTEM (SAS):

- REQUIRED: (330 gpd) / (0.6 gpd/ft²) = 550 ft²
- PROVIDED: PRESBY ENVIRO-SEPTIC

REQUIRED: 210LF OF PIPE; 400sq. ft. C-33 SAND BED

PROVIDED: 730 FT PIPES SET IN 34"L x 14"W C-33 SAND BED

7 x 30 210LF OF PIPE; 34ft x 14ft = 476sq. ft. BED

SOIL TESTING RESULTS

DATE OF TEST: 16 JUNE 2022

SOIL EVALUATOR: MARK FARRELL

WITNESS: KEN LACEY

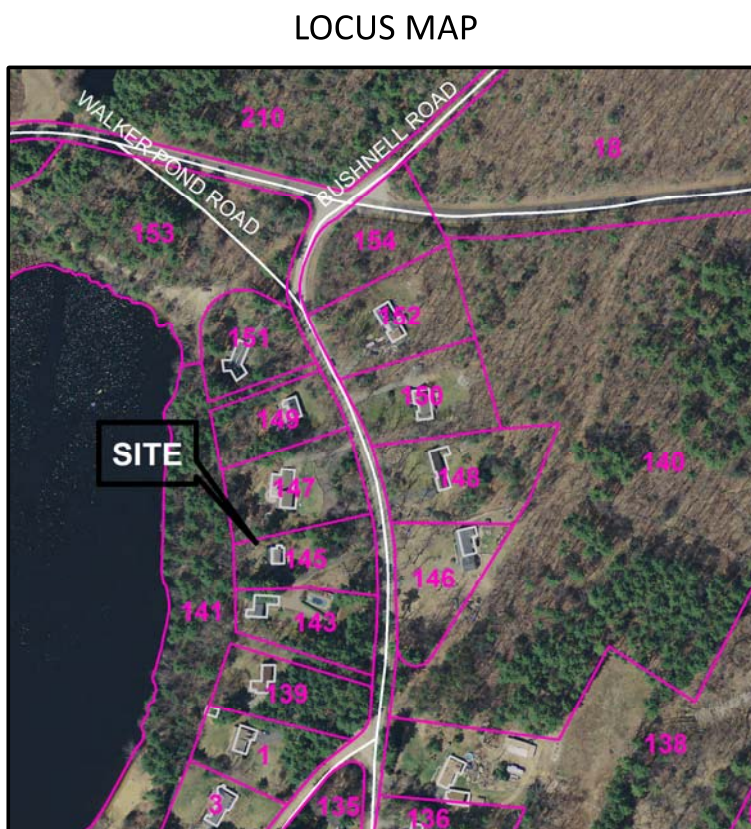
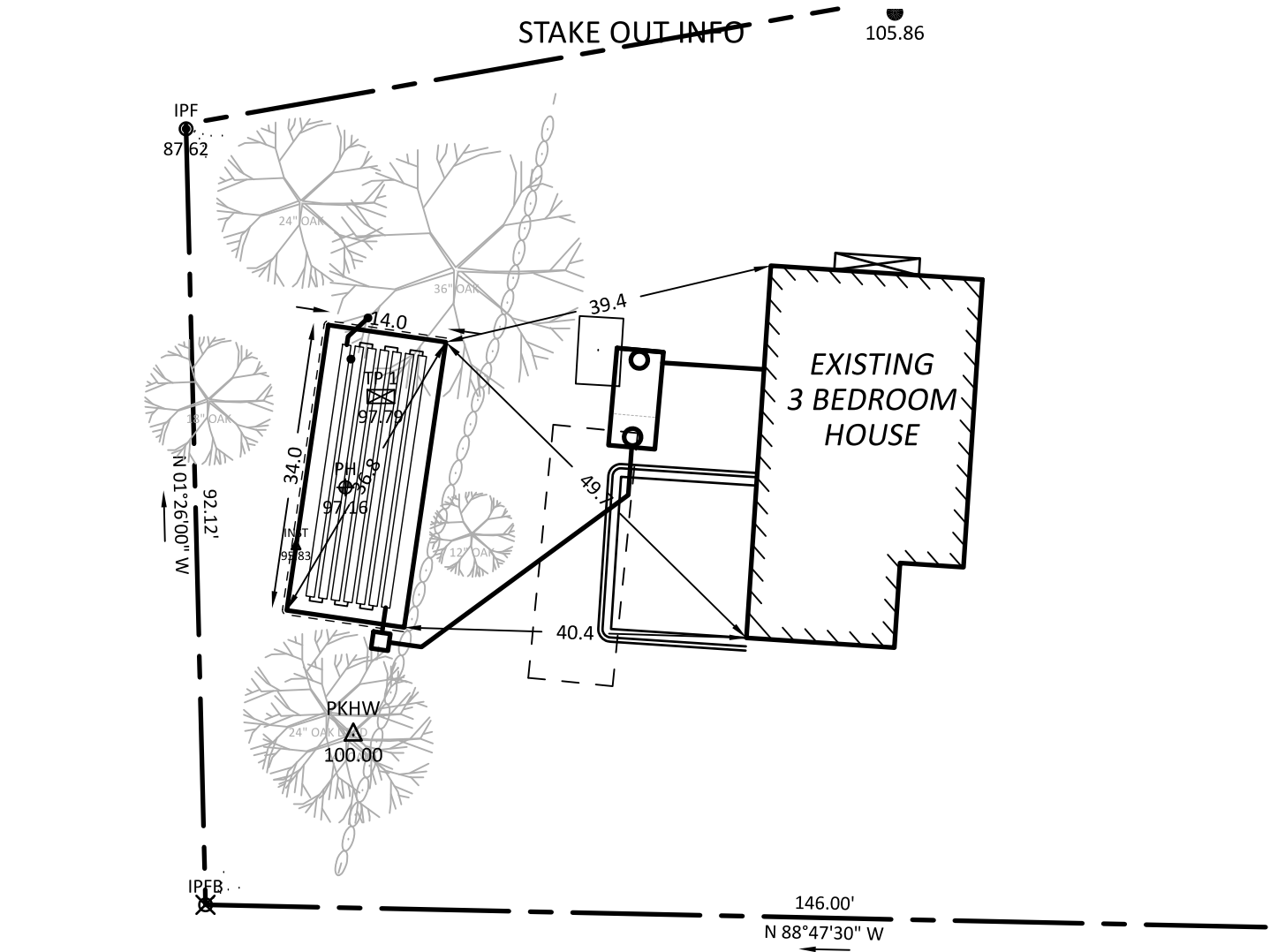
PERC RATE #1 <2 mpi PERC RATE #2


SOIL LOGS:

TP1	ELEVATION:	97.79'	ESHW ELEVATION:	88.79'
DEPTH	HRZ	TEXT	COLOR	MOTTLE/OOTHER
0 - 6 in	A	SL	10YR 8/2	
6 - 30 in	Bw	LS	10YR 6/8	
30 - 54 in	C1	S	2.5Y 6/4	
54 - 108 in	C2	LS	5Y 6/4	NONE @108in

GENERAL NOTES

- 1) ALL CONSTRUCTION PRACTICE AND MATERIALS MUST CONFORM TO 310 CMR 15 (TITLE 5) AS REVISED 9 SEPTEMBER 2016 AND/OR LOCAL REGULATIONS.
- 2) CONTRACTOR IS RESPONSIBLE FOR VIEWING SITE BEFORE BIDDING JOB TO BECOME FAMILIAR WITH ALL ASPECTS OF THE JOB.
- 3) CONTRACTOR SHALL VERIFY ALL INVERTS AND SETBACKS FROM WELLS, PROPERTY LINES AND WATER BEFORE BEGINNING WORK.
- 4) IF CONDITIONS IN THE FIELD DIFFER FROM THOSE SHOWN ON THE PLAN, WORK SHALL STOP, AND THE DESIGN ENGINEER AND THE BOARD OF HEALTH SHALL BE CONSULTED BEFORE WORK CONTINUES.
- 5) CONTACT THE DESIGN ENGINEER AND BOARD OF HEALTH FOR A REQUIRED BOTTOM INSPECTION BEFORE PLACING SAND OR STONE. CONTACT DESIGN ENGINEER AND BOARD OF HEALTH FOR FINAL INSPECTION BEFORE COVERING SYSTEM.
- 6) THE CONTRACTOR SHALL INSURE ALL NECESSARY PERMITS HAVE BEEN OBTAINED BEFORE INSTALLING THE SYSTEM.
- 7) NO PERMANENT STRUCTURES SHALL BE PLACED ON THE PROPOSED DISPOSAL SYSTEM.
- 8) PROPERTY LINES ARE GRAPHIC ONLY AND ARE NOT TO BE USED TO EFFECT EASEMENTS OR EASES. NO PROPERTY SURVEY WAS DONE.
- 9) THE DESIGN ENGINEER GIVES NO WARRANTY IF THE SYSTEM IS DESIGNED ACCORDING TO TITLE V UNLESS OTHERWISE NOTED.



	<p>10 MAIN STREET STURBRIDGE, MA 01566 508-347-5226 (W) 508-347-9857 (F)</p>
	<p>WORKING TO PROTECT OUR WATER RESOURCES</p>
<p>PERC TESTING SEPTIC DESIGN WETLAND PERMITTING ENVIRONMENTAL CONSULTING</p>	
<p>PROPOSED SEPTIC SYSTEM REPAIR ESTATE OF GRACE PIERCE 145 WALKER POND ROAD STURBRIDGE MA 4 AUGUST 2022</p>	<p>rev 9.15.22 per BoH AGENT COMMENTS rev 9.21.22 WETLAND BUFFERS MAP 12 PAR 145</p>
	<p>JOB: 2022-02</p>