

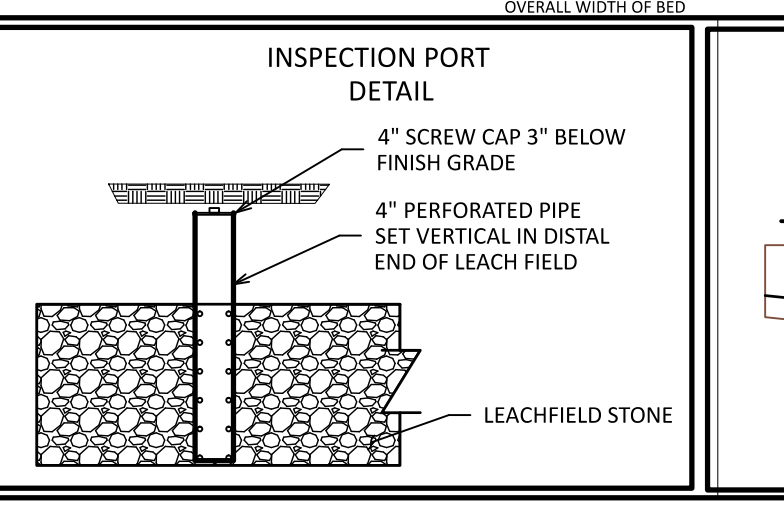
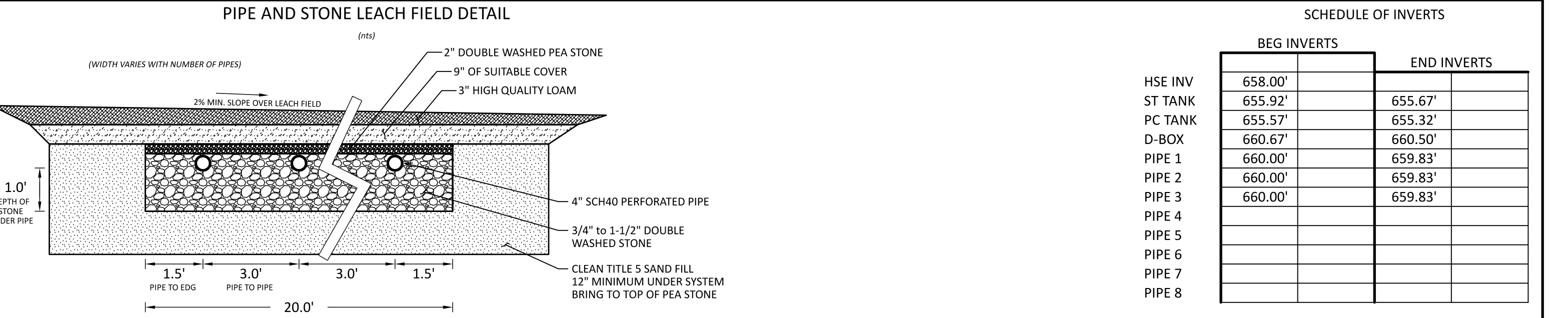
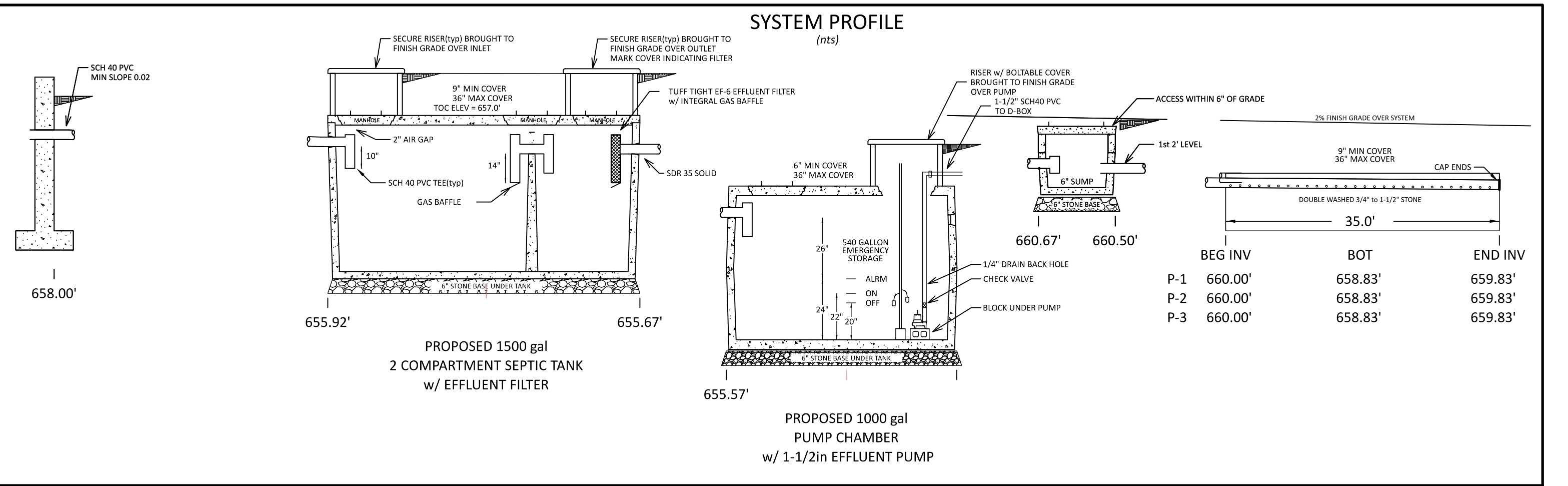
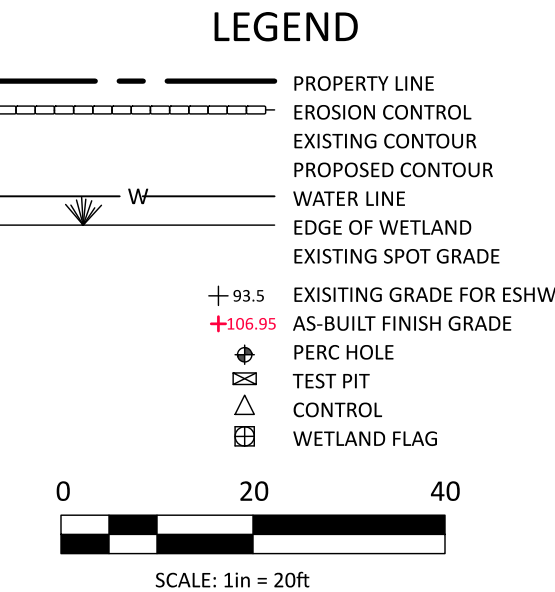
- WETLAND PROTECTION MEASURES:**
- 1) STAKED STRAW WATTLES SHALL BE INSTALLED AS SHOWN ON THE PLAN. THEY SHALL BE INSPECTED BY THE LOCAL CONSERVATION COMMISSION, IF REQUIRED, BEFORE CONSTRUCTION.
 - 2) WITHIN THE 100' BUFFER ZONE ALL DISTURBING OF SOIL SHALL BE MINIMIZED.
 - 3) ALL DISTURBED AREAS SHALL BE LOAMED, SEEDED AND MULCHED AS SOON AS POSSIBLE.
 - 4) NO WORK OR STORAGE OF MATERIAL SHALL BE DOWN HILL OF THE STRAW WATTLES.
 - 5) ALL NECESSARY PERMITS SHALL BE OBTAINED BEFORE WORK COMMENCES.
 - 6) OWNER AND CONTRACTOR SHALL ADHERE TO ANY ORDERS ISSUED BY THE LOCAL CONSERVATION COMMISSION.

NOTE:
MAGNETIC MARKING TAPE OR AN APPROVED EQUAL SHALL BE PLACED OVER ALL COMPONENTS AND PIPES IN THE SYSTEM

THERE ARE NO WETLANDS WITHIN 100' OF THE PROPOSED SEPTIC SYSTEM.

THERE ARE NO WELLS WITHIN 100' OF THE PROPOSED SEPTIC SYSTEM.

PRIOR TO ANY EXCAVATION THE CONTRACTOR SHALL NOTIFY DIG SAFE



SOIL TESTING RESULTS

DATE OF TEST: 20 OCTOBER 2022
SOIL EVALUATOR: MARK FARRELL
WITNESS: KEN LACEY
PERC RATE #1 20 mpi

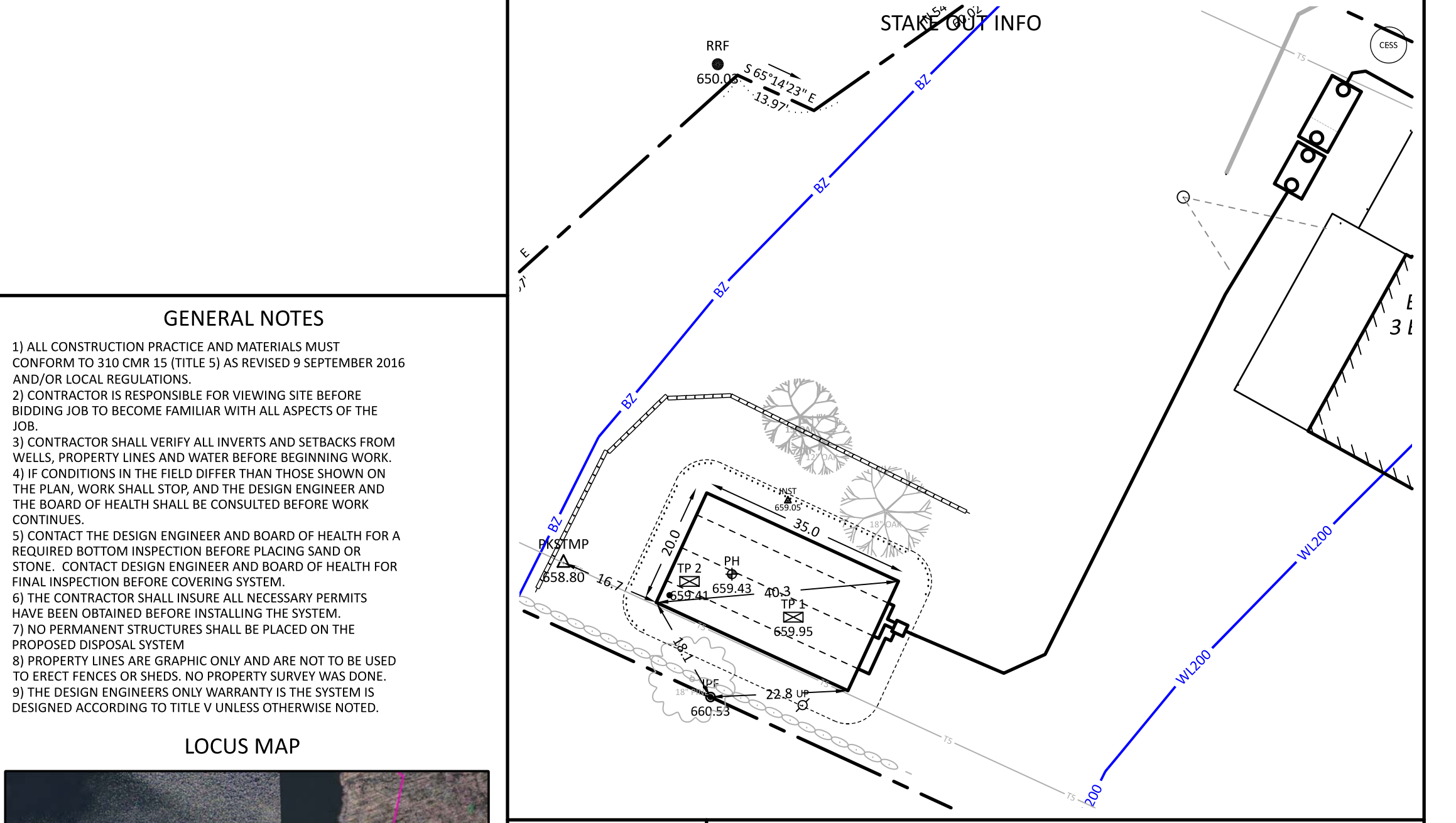
SOIL LOGS:

TP1 ELEVATION: 659.95'		ESHW ELEVATION: 653.28'		
DEPTH	HRZ	TXT	COLOR	MOTTLE/OTHER
0 - 6 in	A	SL	10R 3/2	
6 - 30 in	Bw	SL	10R 6/8	
30 - 80 in	C	SL	2.5Y 6/4	NONE @80in

TP2 ELEVATION: 659.41'		ESHW ELEVATION: 652.74'		
DEPTH	HRZ	TXT	COLOR	MOTTLE/OTHER
0 - 6 in	A	SL	10R 3/2	
6 - 30 in	Bw	SL	10R 6/8	
30 - 80 in	C	SL	2.5Y 6/4	NONE @80in

- 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 THAN 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 ERECT FENCES OR SHEDS. NO PROPERTY SURVEY WAS DONE.
 - 9) THE DESIGN ENGINEERS ONLY WARRANTY IS THE SYSTEM IS DESIGNED ACCORDING TO TITLE V UNLESS OTHERWISE NOTED.

- PUMP NOTES**
- 1) PUMP AND ALARM SHALL BE WIRED USING SEPARATE CIRCUITS. VISUAL AND AUDIBLE ALARM SHALL BE MOUNTED INSIDE DWELLING.
 - 2) PIPING FROM PUMP CHAMBER TO D-BOX SHALL BE 1-1/2 IN SCHEDULE 40 PVC PIPE WITH SOLVENT WELDED JOINTS. PIPE SHALL BE LAID TO DRAIN BACK TO TANK BETWEEN CYCLES.
 - 3) DISCHARGE PIPING SHALL HAVE ONE 1/4in WEEP HOLE FOR DRAIN BACK AND A UNION INSTALLED FOR PUMP REMOVAL. FORCE MAIN SHALL EXIT TANK THROUGH RUBBER BOOT.
 - 4) PUMP CHAMBER SHALL BE A JB CONCRETE TOP SEAM PRE-CAST CONCRETE 1000 GALLON SEPTIC TANK THE CHAMBER SHALL BE INSTALLED WATERTIGHT AND TESTED FOR WATER TIGHTNESS ON-SITE.
 - 5) ALL PLUMBING AND ELECTRICAL WORK SHALL BE MADE IN THE RISER.
 - 6) SEWAGE PUMP SHALL BE A LIBERTY PUMP FL31-A 1/3 HP 115V EFFLUENT PUMP WITH 1-1/2 IN NPT DISCHARGE. PUMP SHALL BE CAPABLE OF PUMPING 10 GPM WITH A TDH OF 18FT.
 - 7) NO SUBSTITUTIONS WITHOUT APPROVAL OF ENGINEER.



GREEN HILL ENGINEERING
PERC TESTING SEPTIC DESIGN WETLAND PERMITTING ENVIRONMENTAL CONSULTING

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508-347-9857 (F)

WORKING TO PROTECT OUR WATER RESOURCES

PROPOSED SEPTIC SYSTEM
REPAIR
BILL & PAULA BRUNELL
44 CAMP ROAD
STURBRIDGE MA
3 FEBRUARY 2023

MAP 23 PARCEL 44
JOB#: 2022-078