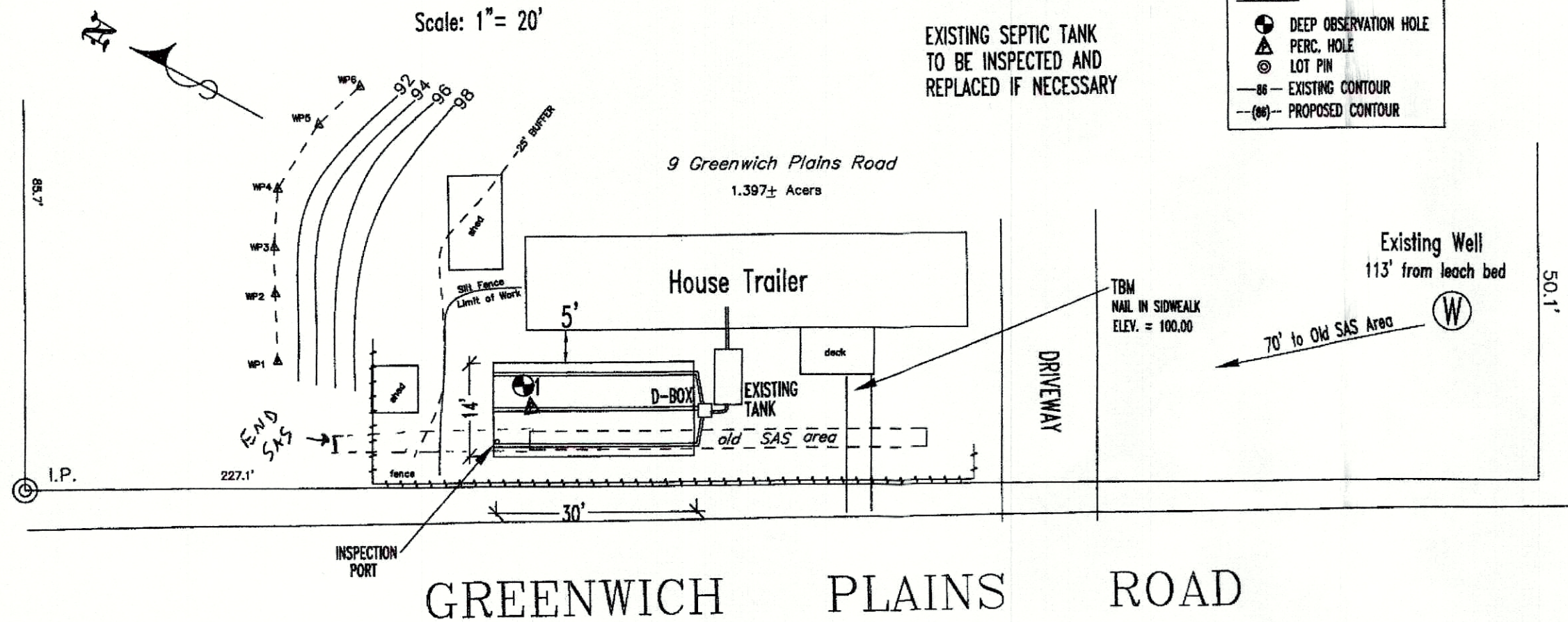
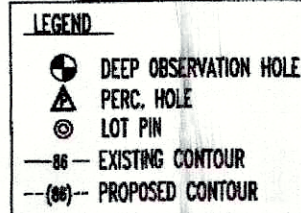


SEPTIC SYSTEM LAYOUT

Scale: 1" = 20'

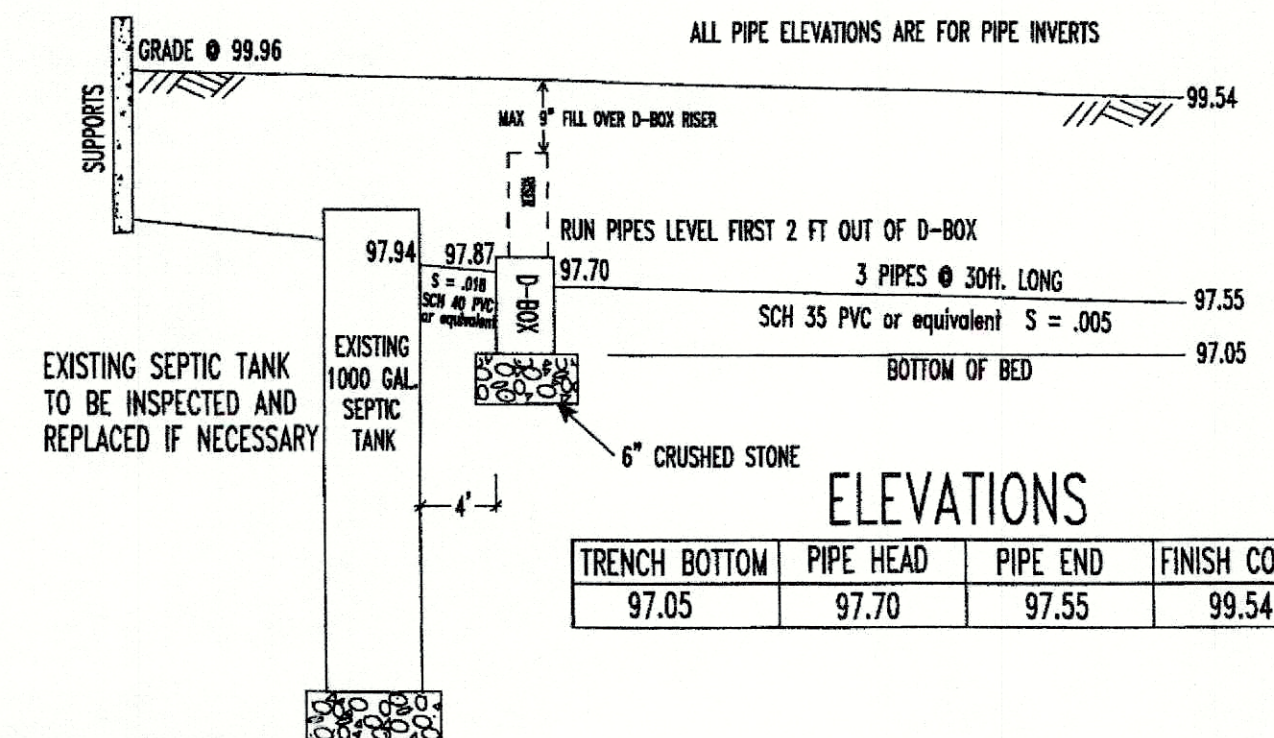
EXISTING SEPTIC TANK
TO BE INSPECTED AND
REPLACED IF NECESSARY



SEPTIC SYSTEM PROFILE

TBM @ NAIL IN SIDEWALK = 100.00

SCALE:
HORZ. 1" = 10'
VERT. 1" = 2'



NOTES

- SEPTIC TANK SHALL HAVE INLET AND OUTLET TEES.
- OUTLET TEE SHALL HAVE A GAS BAFFLE.
- D-BOX SHALL HAVE MINIMUM 12" INSIDE WIDTH AND 6" SUMP BELOW OUTLET INVERT.
- ACCESS MANHOLES TO SEPTIC TANK SHALL BE WITHIN 6" OF FINISHED GRADE.
- D-BOX OUTLET PIPES SHALL BE LEVEL A MINIMUM OF 2 FEET.
- END CAPS ON PIPES, FOR NON-VENTED SYSTEMS.
- ELEVATIONS ARE TO INVERTS UNLESS NOTED.
- NO OTHER WELLS OR WETLANDS OBSERVED WITHIN 200' OF SEPTIC SYSTEM.
- ALL LOAM, SUBSOIL AND OTHER IMPERVIOUS MATERIAL SHALL BE REMOVED WITHIN 5 FEET OF LEACHING FACILITY.
- FILL WITHIN 5 FEET OF LEACHING FACILITY SHALL MEET SPECIFICATIONS OF TITLE V, 15.255(3).
- FINISH GRADE ABOVE AND ADJACENT TO SYSTEM SHALL SLOPE AT LEAST 2% TO PREVENT ACCUMULATION OF SUBSURFACE WATER.
- DISTRIBUTION BOX SHALL HAVE AN INLET TEE OR BAFFLE EXTENDING TO ONE INCH ABOVE THE OUTLET INVERT ELEVATION PROVIDED TO DISSIPATE THE VELOCITY OF THE INFLUENT.
- SEPTIC TANK SHOULD BE INSPECTED ANNUALLY.
- ALL PIPES SHALL BE EITHER ASTM D-3034 (SDR35), ASTM D-2665 (SCHEDULE 40) OR AS NOTED.
- ALL WASTEWATER SHALL FLOW INTO THE SEPTIC TANK, WITH THE EXCEPTION OF WATERSOFTENERS/CONDITIONERS.
- LOT LINES PLOTTED FOR SEPTIC LOCATION ONLY. PLOT PLAN IS NOT AN ACTUAL SURVEY.
- NO CONSTRUCTION OF PERMANENT STRUCTURE ALLOWED OVER SEPTIC SYSTEM.
- TOPOGRAPHY SURVEY DATA APPROXIMATE.
- MAGNETIC TAPE REQUIRED OVER ALL SYSTEM COMPONENTS.
- GAS BAFFLE REQUIRED BETWEEN THE TWO COMPARTMENTS OF TANK.
- METAL REBAR REQUIRED AT D-BOX AND ALL CORNERS OF LEACH BED.
- CALL 1-888-DIG-SAFE BEFORE STARTING SITE WORK.

SITUATION:

REPAIR OF SAS AT 9 GREENWICH PLAINS ROAD.
2 BEDROOM DWELLING, NO GARBAGE GRINDER.
PERC RATE AT HOLE 1 OF <2 MINUTES PER INCH. DOP = 18" TO BOTTOM
PERC TEST DATE: 02/19/20
BOARD OF HEALTH WITNESS: FINN McCOOL
SOIL EVALUATOR: NEIL JACKSON, CERTIFIED MAY, 1998

2 BEDROOMS @ 110 GAL

TOTAL = 220 GAL

ESTIMATED AVERAGE DAILY FLOW BASED ON 1995 TITLE 5 REGULATIONS
LEACHING SYSTEM IS TO CONSIST OF A 14 FT. X 30 FT. LEACHING BED, WITH 3 DISTRIBUTION LINES, WITH A MINIMUM OF 6 INCHES OF STONE THROUGHOUT BED.

DESIGN CALCULATIONS:

SOIL CLASS I - <2 MIN./IN = 0.74 GAL/FT²

BOTTOM AREA: 14' x 30' = 420 FT²

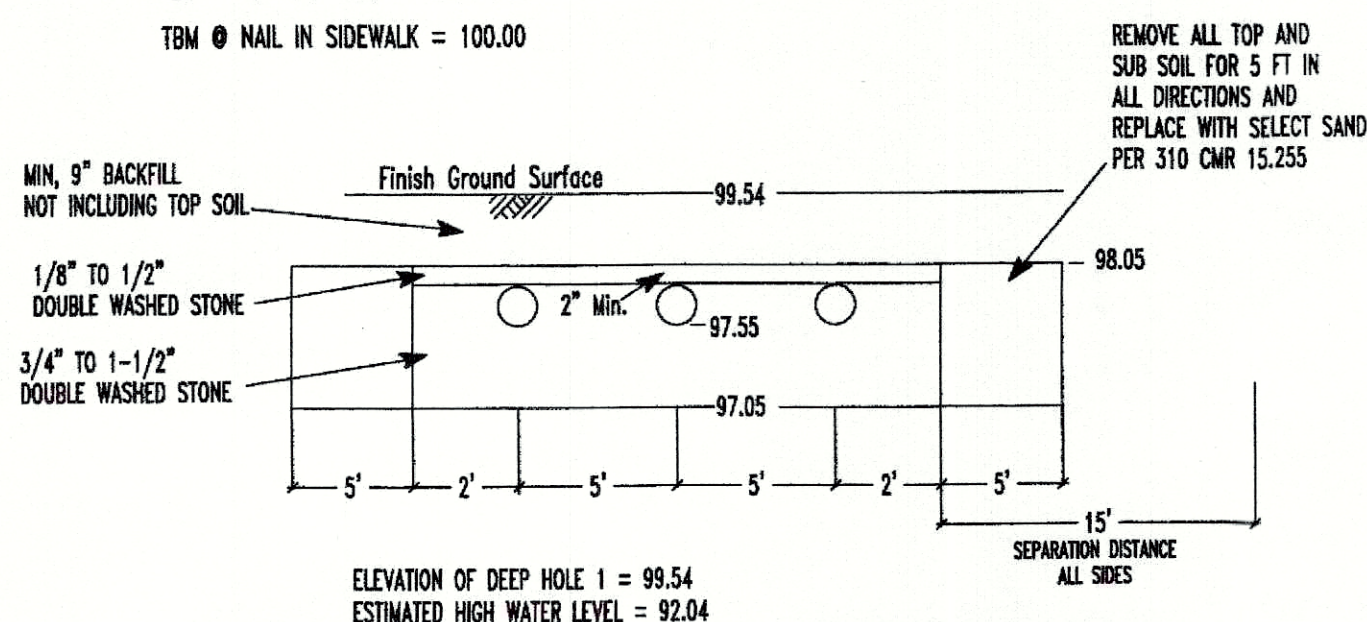
SIDE AREA: NOT ALLOWED IN BEDS

TOTAL = 420FT² = 310.8 GALLONS CAPACITY
310.8 GAL. DESIGN > 220 GAL. REQUIRED

CROSS SECTION OF LEACHING BED @ PIPE END

TBM @ NAIL IN SIDEWALK = 100.00

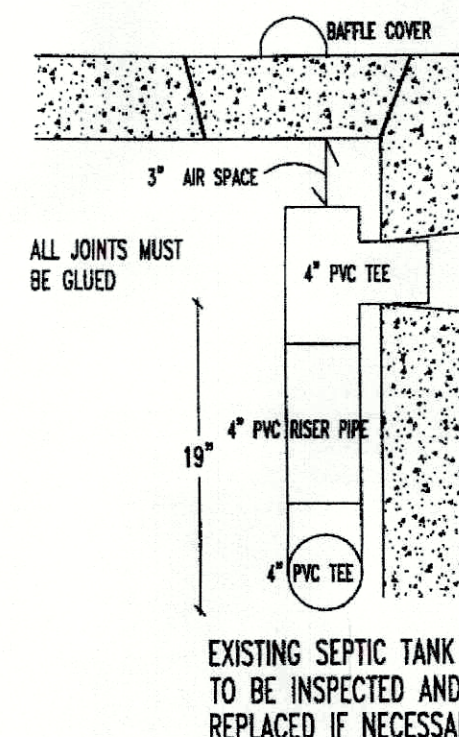
DO NOT SCALE



SEE ATTACHED SOIL LOG

GAS BAFFLE DETAIL

DO NOT SCALE



SYSTEM TO BE CONSTRUCTED IN COMPLIANCE WITH 310 CMR 15.000

LEMIEUX

9 Greenwich Plains Road
Ware, MA

SCALE: AS NOTED	DRAWING NUMBER: Lemieux-Greenwich.dwg	DESIGNED BY: NMJ
DATE: 29MAR20		DRAWN BY: HOP
APPROVED BY:		

