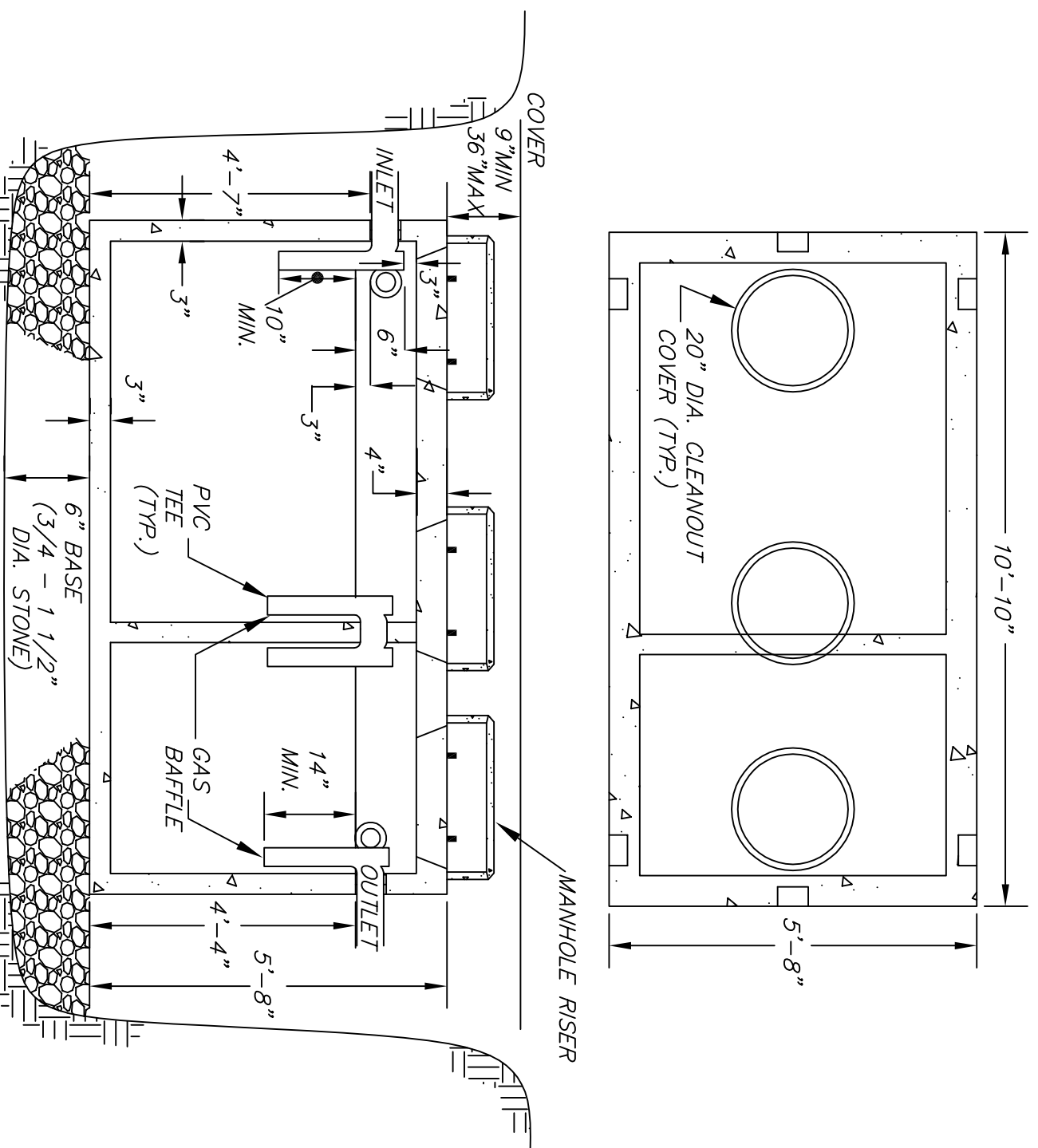


- 1) FIRST COMPARTMENT: 880 GALLONS
 2) SECOND COMPARTMENT: 440 GALLONS
 3) PROVIDED: 1500 GALLON 2-COMPARTMENT SEPTIC TANK

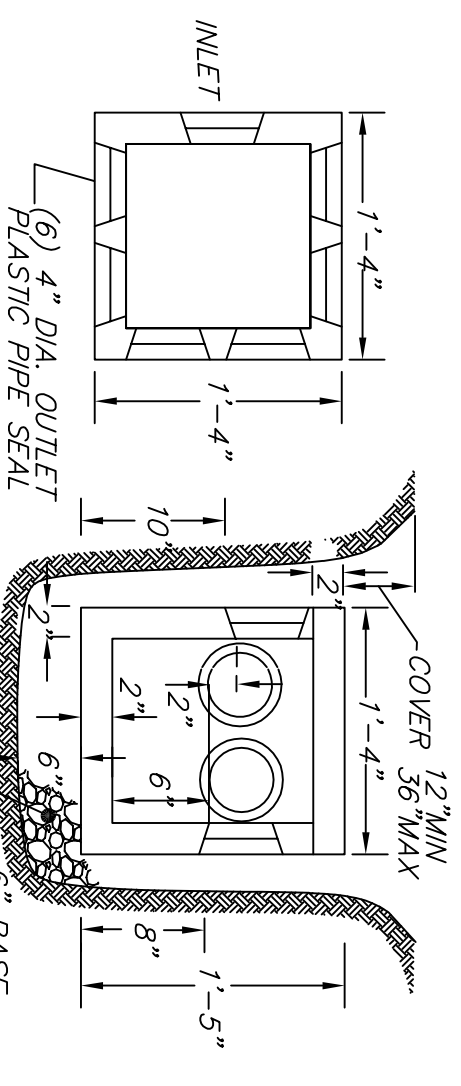
SEPTIC TANK REQUIREMENTS



- NOTES:
 SHEA CONCRETE MODEL TK-M15002C STANDARD, OR EQUAL
 WEIGHT OF TANK = 1184 LBS
- 1) TANK SHALL BE WATERTIGHT THROUGH MANUFACTURER'S SPECIFICATIONS AND WARRANTY.
 - 2) TANK SHALL BE SET LEVEL AND TRUE TO GRADE ON A LEVEL BASE WHICH HAS BEEN MECHANICALLY COMPACTED.
 - 3) TANK SHALL BE EMBOSSED WITH A SEAL STATING THAT ASTM STANDARD C 1227-93 HAS BEEN MET.
 - 4) THE OUTLET TEE SHALL BE EQUIPPED WITH A GAS BAFLE.
 - 5) ALL COVERS SHALL HAVE A RISER TO WITHIN 6" OF FINISH GRADE.
 - 6) SECURE COVERS TO PREVENT UNAUTHORIZED ACCESS.

1500 GALLON MONOLITHIC SEPTIC TANK

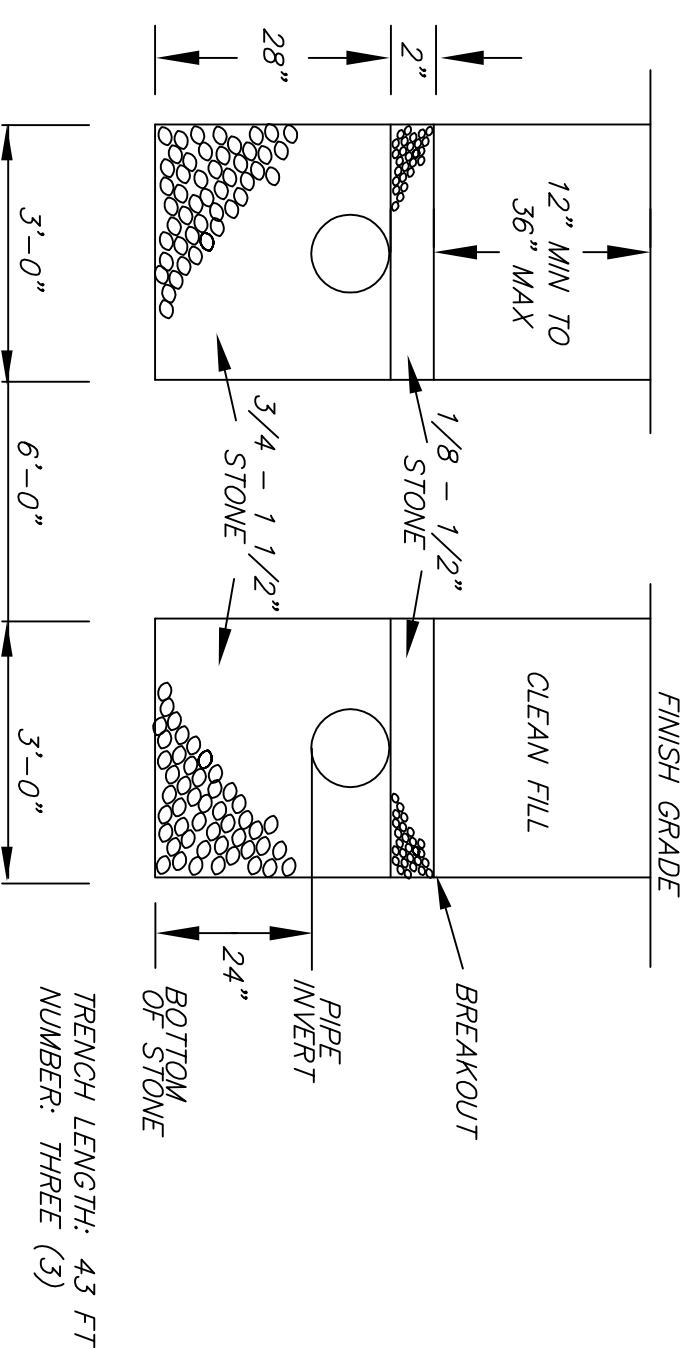
310 CMR 15.223 - 15.228
 (NOT TO SCALE)



- 1) DBOX SHALL BE WATERTIGHT THROUGH MANUFACTURER'S SPECIFICATIONS AND WARRANTY.
- 2) SPEED-LEVELERS SHALL BE INSTALLED IN OUTLET PIPES.
- 3) OUTLET PIPES SHALL BE LEVEL FOR THE FIRST TWO FEET (MIN.).
- 4) OUTLET PIPES SHALL BE CEMENTED TO DBOX USING HYDRAULIC CEMENT

DISTRIBUTION BOX (6-OUTLET)

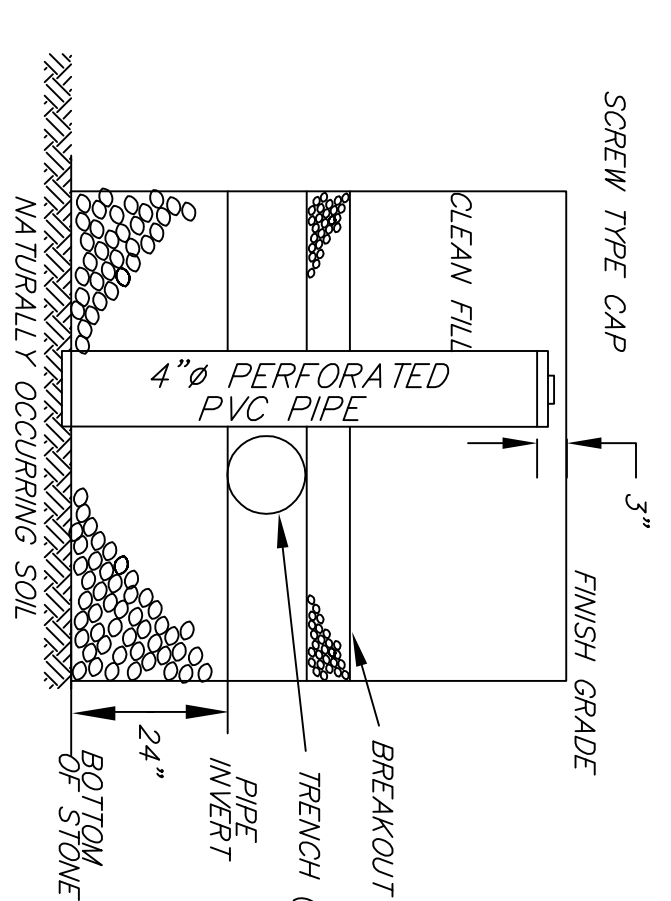
310 CMR 15.232
 (NOT TO SCALE)



- 1) BOTTOM OF EXCAVATION SHALL BE LEVEL AND SCARIFIED PRIOR TO PLACING STONE.
- 2) PIPE SHALL BE LAID WITH GRIGGES AT 5 AND 7 O'CLOCK.
- 3) DISTRIBUTION LINES SHALL BE LAID AT A SLOPE OF 0.005 FT/FT.

LEACH TRENCH DETAIL:

310 CMR 15.252
 (NOT TO SCALE)



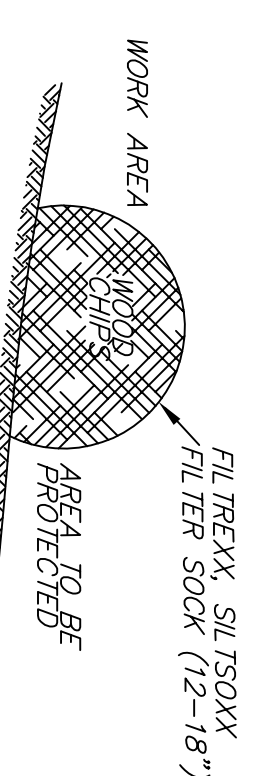
INSPECTION PORT

310 CMR 15.240(13)
 (NOT TO SCALE)

DETAILS & NOTES

SHEET 2 OF 2 SCALE: 1" = 20'
 PROJECT # 0632

- NOTES:
 1. THIS PLAN IS INTENDED ONLY FOR THE CONSTRUCTION OF A SEPTIC SYSTEM TO SERVE THE SITE. NO OTHER USE OF THIS PLAN IS AUTHORIZED. PROPERTY LINES SHOWN HERE-ON ARE APPROXIMATE AND INTENDED ONLY TO SHOW THAT MINIMUM SETBACKS HAVE BEEN MET. NO BOUNDARY SURVEY WAS PERFORMED IN PREPARATION OF THIS PLAN.
 2. CONTRACTOR SHALL NOTIFY DISSAFE AT 1-888-DIG-SAFE (888-233-7233) AT LEAST 72 HOURS BEFORE COMMENCING WORK.
 3. CONTRACTOR SHALL MAKE THEMSELVES AWARE OF ALL CONSTRUCTION REQUIREMENTS ASSOCIATED WITH THE JOB.
 4. ANY AND ALL REVISIONS TO THE APPROVED PLAN SHALL BE APPROVED BY THE DESIGN ENGINEER AND THE APPROPRIATE TOWN REPRESENTATIVE.
 5. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROJECT WITH RESPECT TO SAFETY METHODS, CONSTRUCTION METHODS AND SUPERVISION OF WORKMEN FOR THE PROJECT AND SHALL BE A LICENSED SEPTIC INSTALLER IN THE TOWN IN WHICH THE SEPTIC SYSTEM IS BEING INSTALLED.
 7. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF BENCHMARKS PRIOR TO CONSTRUCTION.
 8. CONTRACTOR SHALL NOTIFY OF ANY DISCREPANCIES IN THE BENCHMARK ELEVATIONS.
 9. CONTRACTOR SHALL CONFIRM THAT THE DESIGN PLAN DETAILS ARE CONSISTENT WITH THE CURRENT MANUFACTURER'S SPECIFICATIONS.
 9. APPROVAL OF THE SEPTIC DESIGN, ISSUANCE OF A DISPOSAL SYSTEM CONSTRUCTION PERMIT AND SEPTIC SYSTEM WILL BE FUNCTION SATISFACTORILY.
 10. BACKWASH FROM A WATER SOFTENER SHALL NOT BE DISCHARGED INTO A SEPTIC SYSTEM.
 11. ALL WORK SHALL COMPLY WITH 310CMR15.000 AND LOCAL BOARD OF HEALTH REGULATION, UNLESS VARIANCES/WAIVERS HAVE BEEN APPROVED.
 12. ALL WORK OUTSIDE OF THE BUILDING THAT IS LESS THAN 10 FEET FROM THE OUTSIDE FACE OF THE BUILDING SHALL CONFORM TO APPROVED, THE STATE FLOWING CODE.
 13. ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE BOARD OF HEALTH WATER SUPPLIES AND GREATER THAN 200 FEET FROM ANY TRIBUTARY TO A SURFACE WATER SUPPLY.
 14. THERE ARE NO KNOWN WELLS WITHIN 100 FEET OF THE SOIL ABSORPTION SYSTEM OR WITHIN 50 FEET OF ANY SEPTIC COMPONENTS.
 15. THERE ARE NO KNOWN WETLANDS WITHIN 100 FEET OF THE SOIL ABSORPTION SYSTEM OR WITHIN 100 FEET OF ANY SEPTIC COMPONENTS.
 16. ALL SEPTIC COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE METHOD IN ORDER TO BE LOCATED.
 17. SITE CEMENTS WITH 310CMR15.214 - NITROGEN LOADING LIMITATIONS.
 18. FILL MATERIAL FOR SYSTEMS CONSTRUCTED IN FILL SHALL CONSIST OF ASTM C-33 SAND AND SHALL CONFORM TO 310CMR15.255(3).
 19. CONTRACTOR SHALL REMOVE A-SOIL HORIZON(S) AND OTHER DELETERIOUS MATERIAL WITHIN 5 FT OF SOIL ABSORPTION SYSTEM AND REPLACE WITH ASTM C-33 SAND UP TO BREAKOUT ELEVATION.
 20. ENGINEER'S PERMISSION SHALL BE REQUIRED FROM EACH OF THE FOLLOWING:
 21. VEHICULAR TRAFFIC, PARKING OF VEHICLES, STOCKPILING OF MATERIALS AND STORAGE OF EQUIPMENT OVER LEACHING AREA IS PROHIBITED.
 22. WETLAND ONSITE WERE DELINEATED BY JULIE VONDRAK, AUGUST, 2014.
 23. THE EXISTING SEPTIC SYSTEM SHALL BE EITHER CRUSHED AND FILLED WITH CLEAN FILL, OR REMOVED, AS PER 310CMR15.00.
 24. CONTRACTOR SHALL VERIFY THAT THE SEPTIC TANK CAN BE CONNECTED TO THE BUILDING SEWER AS SHOWN, WITH A MINIMUM 2% SLOPE. IF NOT, CONTRACTOR SHALL NOTIFY ENGINEER, IMMEDIATELY.
 25. THESE PLANS TO ACCOMPANY A REQUEST FOR DETERMINATION OF APPLICABILITY, FILED WITH THE BOARD CONSERVATION COMMISSION AND THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION.



SILTATION BARRIER

(NOT TO SCALE)

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CLAYTON & SARAH SMITH
 8A PORTER ROAD
 BOXFORD MA

PREPARED FOR:

MAP: 13
 BLOCK: 2
 LOT: 34

ASSESSORS INFORMATION:

DEED:
 BOOK NO.: 14676
 PAGE NO.: 527

REGISTRY INFORMATION:

8A PORTER ROAD
 BOXFORD MA

SUBSURFACE SEWAGE DISPOSAL SYSTEM UPGRADE