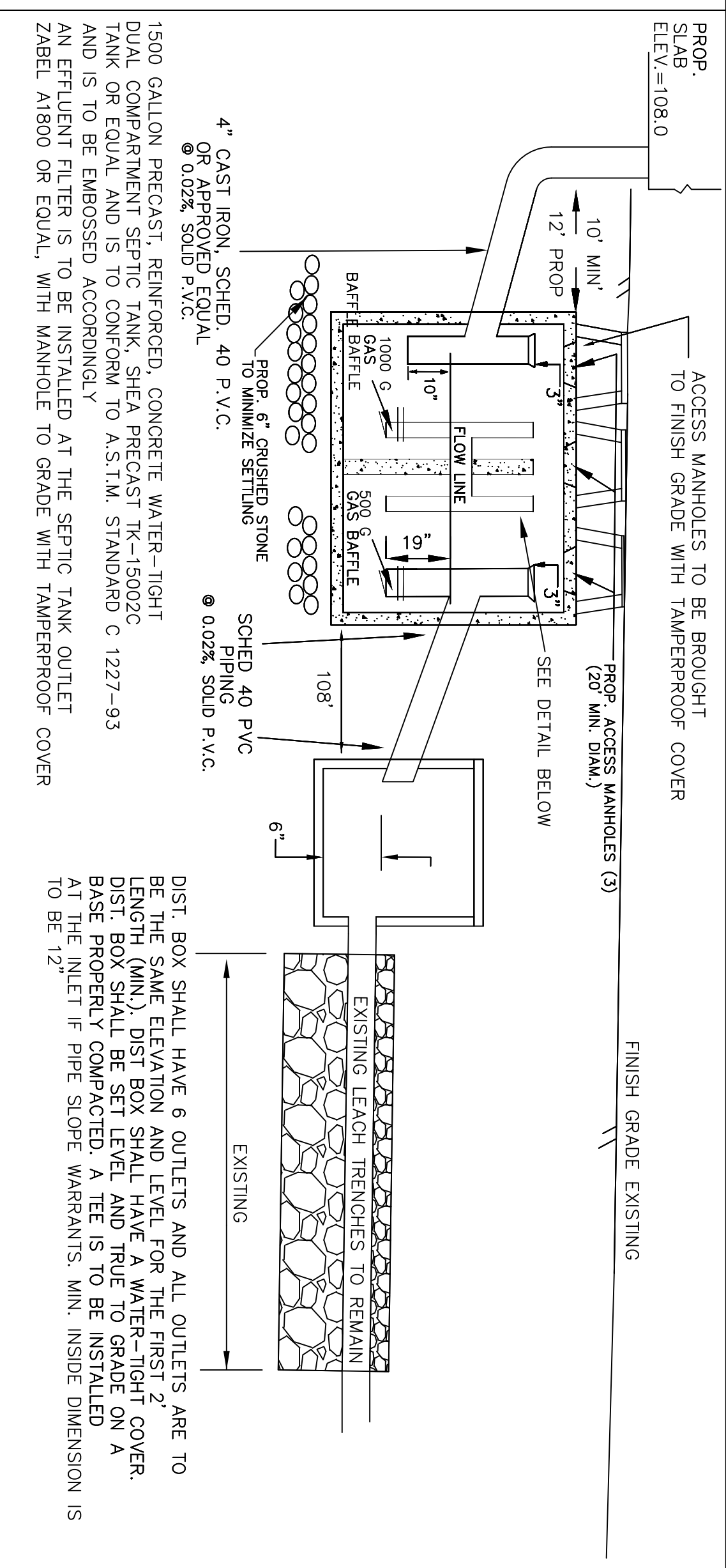


NOTES:

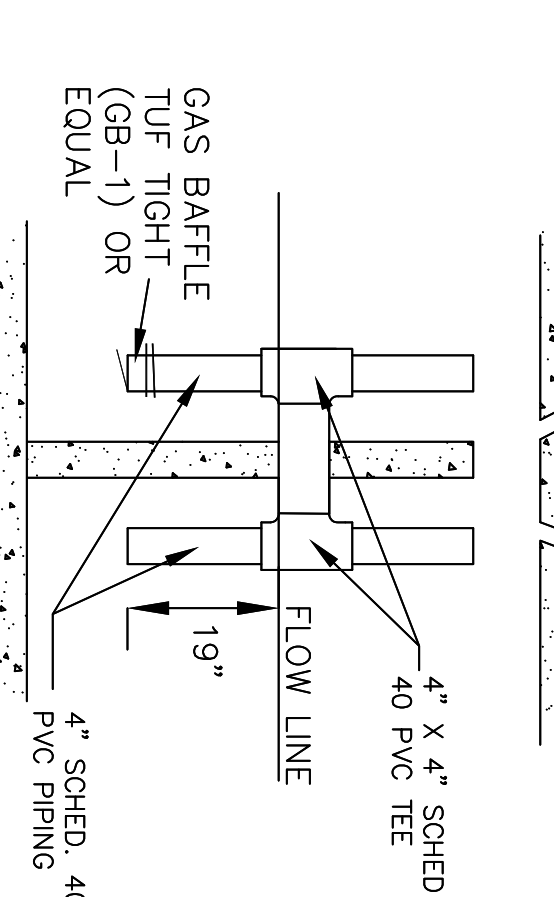
- 1) ELEVATIONS SHOWN REFER TO AN ASSUMED ELEVATION
- 2) THE INSTALLATION OF THIS SYSTEM SHALL BE IN ACCORDANCE WITH ALL LOCAL AND STATE BOARD OF HEALTH REQUIREMENTS
- 3) ALL LOAM, SUBSOIL AND OTHER DELETERIOUS MATERIAL SHALL BE EXCAVATED TO BEARING MATERIAL PRIOR TO THE INSTALLATION OF THE SEPTIC TANK, BUILDING SEWER OR OTHER PIPING
- 4) THIS SYSTEM DESIGN IS FOR NORMAL DOMESTIC USE. CONSISTING OF WATER CARRIED PUTRESCENT WASTE AND FOR THE DAILY FLOWS NOTED IN THE DESIGN CRITERIA ONLY
- 5) THIS PLAN REFERS TO ZONE DISTRICT RC*
- 6) ANY REVISIONS, VERTICAL OR HORIZONTAL, TO THIS PLAN MUST BE APPROVED, IN WRITING, BY THIS OFFICE
- 7) PROPERTY LINE INFORMATION TAKEN FROM PLAN #1016 OF 1977
- 8) TOPOGRAPHICAL INFORMATION TAKEN FROM A PLAN BY GJM ENGINEER, CONSULTANTS INC. DATED 8/28/16. IT IS NOT THE RESULT OF A FIELD SURVEY BY THIS OFFICE
- 9) IF REQUIRED, EROSION CONTROL MEASURES ARE TO BE PLACED PRIOR TO CONSTRUCTION AT APPROPRIATE LOCATIONS. (SEE DIRECTION FROM SHERBORN CONSERVATION COMMISSION, IF ANY)
- 10) IN ACCORDANCE WITH M.G.L., CHAPTER 82, SECTION 40, INCLUDING ALL AMENDMENTS, ALL CONTRACTORS, BUILDERS AND SEPTIC INSTALLERS SHOULD NOTIFY, IN WRITING, ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK AND CALL "DIG-SAFE" @ 1-888-344-7233
- 11) PRIOR TO THE ISSUANCE OF A CERTIFICATE OF COMPLIANCE, THE SYSTEM INSTALLER AND DESIGNER SHALL CERTIFY THAT THE SEPTIC TANK AND BUILDING SEWER BEEN CONSTRUCTED IN COMPLIANCE WITH 310 CMR 15.00. APPROVED DESIGN PLANS AND LOCAL REGULATIONS. SYSTEM COMPONENTS ARE NOT TO BE BACKFILLED WITHOUT INSPECTION AND APPROVAL FROM THE BOARD OF HEALTH
- 12) MAGNETIC TAPE IS TO BE INSTALLED OVER THE BUILDING SEWER PRIOR TO BACKFILLING
- 13) ALL SEPTIC SYSTEM PIPING IS TO BE SCHEDULE 40 - 4" PVC PIPE
- 14) LID TRUE TO GRADE AND LINE
- 15) SEPTIC TANK IS TO BE INSTALLED ON A COMPACTED, STABLE BASE WITH 6" CRUSHED STONE TO MINIMIZE SETTLEMENT
- 16) NO GARBAGE GRINDER IS ALLOWED PER THIS DESIGN
- 17) AS-BUILT PLANS ARE REQUIRED IN ACCORDANCE WITH 310 CMR 15.220
- 18) MAINTENANCE AND INSPECTION ACTIVITIES OF ELEMENTS OF THE SOIL ABSORPTION SYSTEM SHOULD BE UNDERTAKEN ON A PERIODIC BASIS (I.E. EVERY TWO YEARS). THE SEPTIC TANK SHALL BE PUMPED WHEN COMBINED THICKNESS OF THE SLUDGE AND SOLID LAYERS EQUAL MORE THAN 1/4 OF THE LIQUID DEPTH INSIDE THE TANK
- 19) THIS PLAN INCLUDES SITE FEATURES VISIBLE ON THE DATE OF THE TOPOGRAPHICAL SURVEY. IT SHOULD NOT BE CONSIDERED AS A COMPLETE SURVEY OF SURFACE STRUCTURES OR UTILITIES. THE OWNER/CONTRACTOR/INSTALLER IS RESPONSIBLE FOR IDENTIFYING ANY SUCH FEATURES PRIOR TO THE START OF CONSTRUCTION ACTIVITIES. ANY DISCREPANCIES SHOULD BE REPORTED TO THE DESIGNER FOR CONSIDERATION PRIOR TO THE START OF CONSTRUCTION. THE DESIGNER IS NOT RESPONSIBLE FOR ANY COSTS OR DELAYS ASSOCIATED WITH THE EXISTENCE OF SUCH SURFACE FEATURES
- 20) THE PROPOSED BUILDING SEWER IS TO BE LAID ON A FIRM, COMPACTED SOLE WITH A PREFERRED SLOPE OF 2% (1% MIN.) AND SHALL HAVE A CONSTANT SLOPE. PROPOSED PIPING IS TO BE SCHEDULE 40 PVC TIGHT JOINT PIPE
- 21) THIS PLAN IS FOR THE INSTALLATION OF THE PROPOSED SEPTIC TANK AND BUILDING SEWER ONLY. ANY OTHER USE OF THE INFORMATION SHOWN ON THIS PLAN IS NOT THE RESPONSIBILITY OF THE DESIGNER. SOIL SUBSTRATE INFORMATION IS UNKNOWN AND SHOULD BE VERIFIED PRIOR TO INSTALLATION. SOIL TESTING PRIOR TO THE START OF CONSTRUCTION ACTIVITIES, IF NECESSARY, ADDITIONAL SOIL TESTING PRIOR TO THE START ON CONSTRUCTION ACTIVITIES, IF NECESSARY, THE PARCEL DOES FALL WITHIN A NITROGEN SENSITIVE AREA AS OUTLINED ON A PLAN PREPARED FOR THE EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
- 22) THERE ARE NO PORTABLE WELLS OBSERVED WITHIN 125' OF THE PROPOSED SOIL ABSORPTION SYSTEM
- 23) SEE ASBUILT PLAN OF LAND PREPARED BY MCCARTHY & SULLIVAN ENGINEERING INC. DATED DEC. 12, 1980 FOR INFORMATION REGARDING THE EXISTING SOIL ABSORPTION SYSTEM WAS DESIGNED FOR FOUR BEDROOMS SHALL BE RECORDED AT THE MIDDLESEX REGISTRY OF DEEDS PRIOR TO SUBMISSION OF A BUILDING APPLICATION FOR THE PROPOSED BARN APARTMENT CONTAINING TWO PROPOSED ROOMS
- 26) NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE MATERIALS OR FUNCTION OF THE EXISTING SOIL ABSORPTION SYSTEM. A REVIEW OF ALL COMPONENTS OF THE EXISTING SOIL ABSORPTION SYSTEM IS SUGGESTED BY THIS OFFICE PRIOR TO THE START OF CONSTRUCTION ACTIVITIES
- 27) THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SURGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT FLOODING, PROVIDE POSITIVE DRAINAGE FLOW AS REQUIRED



DESIGN INFORMATION
 DATE SOIL TESTING UNDERTAKEN: VARIES
 DESIGN RATE: 15 MPI
 DAILY FLOW: 440 GPD

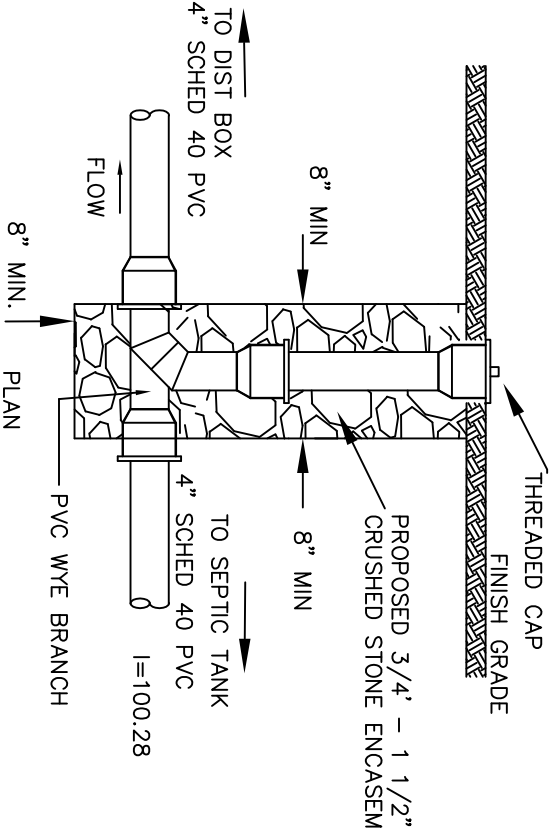
SCHEDULE OF ELEVATIONS:

INVERT AT FOUNDATION	104.00
INVERT AT S. TANK INLET	103.75
INVERT AT S. TANK OUTLET	103.50
INVERT AT D. BOX INLET	95.25+/- EX.
INVERT AT D. BOX OUTLET	EXISTING
INVERT AT BEGIN. OF TRENCH	N.A.
INVERT AT END OF TRENCH	N.A.
ELEV. OF GROUND WATER	N.A.



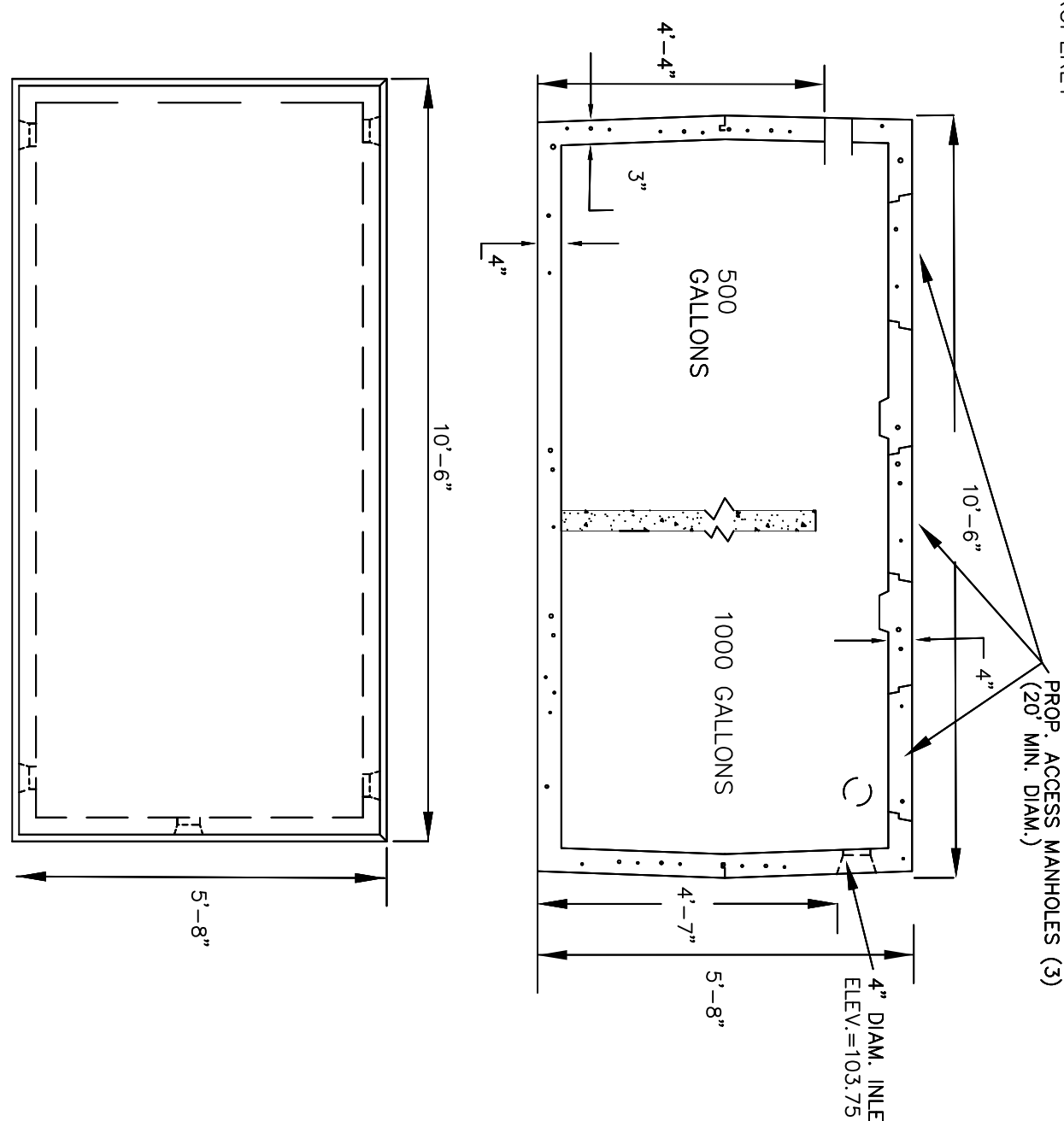
NOTE:
 BOTTOM OF BOTH LEGS OF THE INVERTED U" SHALL BE THE SAME ELEVATION AS THE BOTTOM OF THE TEE @ THE SEPTIC TANK OUTLET

"INVERTED U" DETAIL: N.T.S.



NOTES:
 1) DIRECT SURFACE FLOW AWAY FROM CAP LOCATION

SEPTIC TANK DETAIL: NOT TO SCALE



NOTES:
 1) TANK TO SHEA PRECAST TK-15002C (DUAL COMPARTMENT) TANK
 2) ALL CONCRETE TO BE 4000 PSI AT 28 DAYS

SHEET 2 OF 2 #5918

BOARD OF HEALTH PLOT PLAN
 SHERBORN MASSACHUSETTS
 16 NASON HILL LANE
 PARCEL - ID: MAP 8 LOT 136
 PROPOSED CONDITIONS PLAN OF LAND
 PREPARED FOR: MICHAEL NEWMAN
 SHERBORN MA

J.D. MARQUEDANT & ASSOCIATES INC.
 LAND SURVEYING
 6 WALCOTT STREET HOPKINTON MA
 PHONE: 508-435-4145 FAX: 508-435-0157

SCALE: 1"=40'
 DATE: NOV. 6, 2017
 DRAWN BY:
 CHECKED BY: