LEACH FIELD SECTION

TOPSOIL FOR SETTLING
EARTH BACKFILL
UNTREATED BLDG. PAPER OR STRAW
DISTRIBUTOR PIPE – 6” O.C.

SLOPE TRENCH BOTTOM
1/16” – 1/32” PER FOOT
CRUSHED STONE OR WASHED GRAVEL 3/4” TO 1 1/2”

BEDROCK, IMPERVIOUS LAYER, OR EVIDENCE OF HIGHEST LEVEL OF GROUND WATER

PROVIDE 100% EXPANSION AREA FOR LEACH FIELD. MAINTAIN SEPARATION REQUIREMENTS TO ADJACENT WELLS, WATER BODIES AND PROPERTY LINES PER NYSDOH.

LEACH FIELD PROFILE

GROUND SURFACE
LOCATION STAKE
ASPHALTIC SEAL
MANHOLE COVER
INLET
CAULKED JOINT
SANITARY TEE
OUTLET
ASPHALTIC SEAL
RING BOLTS
FOR 1–3 BEDROOMS USE 1,000 gal. TANK
4 BEDROOMS USE 1,250 gal. TANK
5 BEDROOMS USE 1,500 gal. TANK
INLET
SEPTIC TANK PLAN
OUTLET

SEPTIC TANK SECTION

3" MIN. CLEAN SAND OR PEA GRAVEL
6" MIN. DEPTH OF MAINTENANCE BAY
LIQUID LEVEL 2" ABOVE INVF OF INLET
CAULKED JOINT
BRAFLES MAY BE USED INSTEAD OF SANITARY TEE

NOTES:
1.) PLANS FOR PRIVATE WASTEWATER TREATMENT SYSTEMS MUST BE PREPARED BY A NEW YORK STATE LICENSED DESIGN PROFESSIONAL.
2.) PRIVATE WASTEWATER TREATMENT SYSTEMS SHALL ONLY BE APPROVED WHERE PUBLIC FACILITIES ARE NOT FEASIBLE;
3.) OWNER IS RESPONSIBLE FOR OPERATING AND MAINTAINING SYSTEM IN A SANITARY MANNER AT NO EXPENSE TO THE CITY PER CITY CODE SECT. 231–15.
4.) CALCULATIONS FOR SYSTEM SIZING, PERCOLATION TEST RESULTS AND TEST HOLE DATA SHALL BE PROVIDED TO THE CITY ENGINEER PRIOR TO INSTALLATION.

APPROVED: 1/13/2010
PLANNING BOARD DATE
CITY OF SARATOGA SPRINGS, NEW YORK STANDARD DETAIL
Septic System SA-5