

Aspen Estates - Lots 5A and 5B

Per American Engineering Report of Sept. 16:

Bore Hole No. 4 indicates acceptable soils to 8 feet, where sandstone (probably weathered, I surmise) is encountered.

The perc rates for the three tests are fairly uniform and average 39 Minutes per inch. The proposed dwelling will have four bedrooms. Per 74:03:01:69, Table 5, the minimum absorption trench area is 250 s.f. per bedroom. The total trench area required is 1000 s.f. Using a 3 foot trench width, 333.3 L.F. of trench is required. The installer may provide more than the required 6" granular fill below the distribution pipes, but prefers to not reduce the trench area in order to provide more than the minimums. I concur. The terrain is gently rolling mountain meadow which would be able to accommodate four, 85 foot distribution laterals.

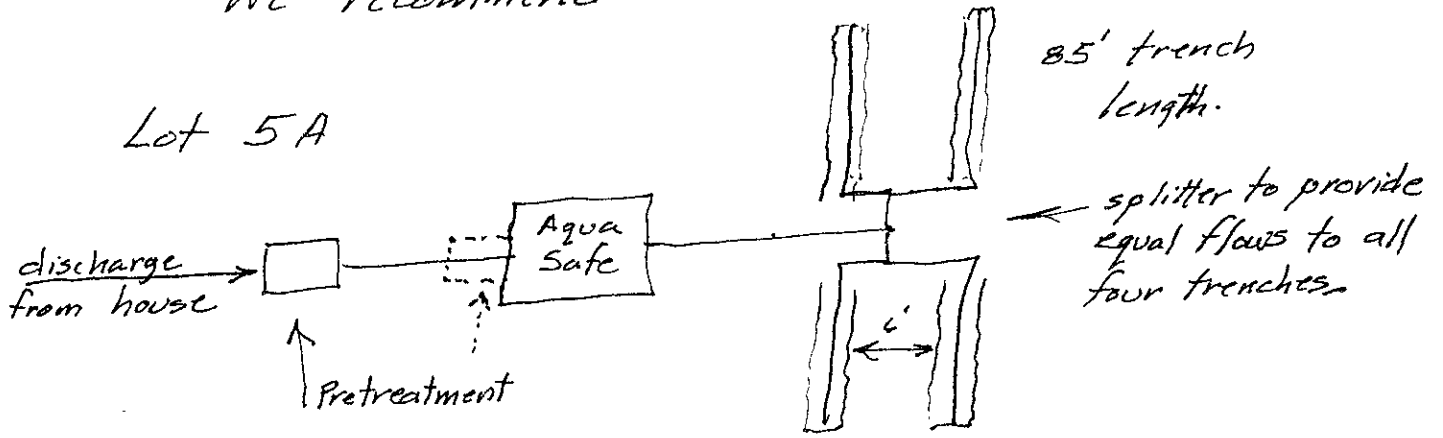
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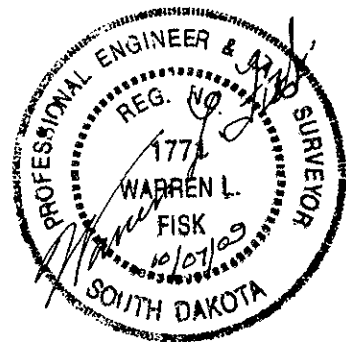
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The treatment unit furnishing effluent to the drainfield is an Aqua Safe advanced aerobic unit with a 1000 gallon

capacity. This unit shall have a pre-treatment tank of 500 gallon capacity that is either separate or combined with the Aqua Safe unit. Alternate systems that meet this criteria are acceptable. The installer shall select the final layout once the homesite grades have been established. We recommend:



Lot 5B system is existing but will have the septic tank replaced by an Aqua Safe Unit.



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