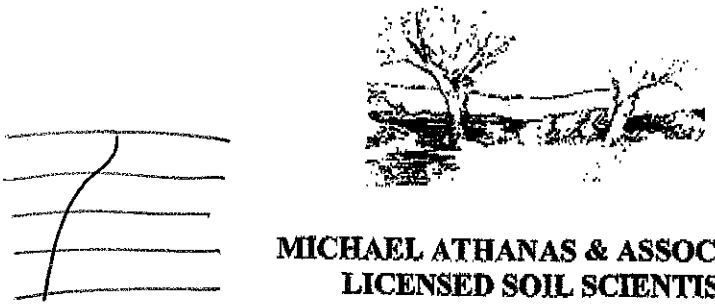


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Reference: Data Sheet for Lot 4, Kings Cross Lane, 4.39 Acres, Iredell County NC
House Footprint: Refer to Existing Permit/ Survey
Water Source: Private Well
Number of Bedrooms: 4/480gpd (Currently permitted for four bedrooms)
LTAR : Initial 0.3 gpd/ft2, Repair 0.3 gpd/ft2
Suggested System Type: Gravity
Distribution: Drop Boxes
Total Linear Footage: 400'
Proposed Trench Depth: 30-36"
Septic tank size: 1000gal

Line	Actual Length	Design Length	Elevation
Yellow 1	80' 86	80'	
Orange 2	80' 81	80'	
Pink 3	80' 76	80'	
Blue 4	85' 81	80'	
Yellow 5	80' 76	80'	

Initial System: 400' of 25% Red., Y1-Y5
ST: 1000gal

Repair System: Refer to Current Permit

Comments: Currently lot 4 is permitted for a four bedroom 25% reduction pump septic system (refer to existing permit). After further evaluation of the site, MA&A located an area that can accommodate their wastewater needs by use of a gravity system. This area possesses provisionally suitable soils (.3gpd), three soil observations were completed in this area. We are proposing to change the initial septic area in order to obtain a gravity system and use the currently permitted area as the repair. Please note, we shot the elevation of the proposed tank location and the first line of the proposed initial area and there is 2.8 feet of fall, therefore gravity distribution should not be a problem. If there are any questions, please feel free to contact me @ 704 576 3887.