County Copy



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LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
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Reference: Data Sheet for Lot 577 Farms SD, Iredell County NC
House Footprint: Existing
Water Source: Community Well
Number of Bedrooms: 5 Bedrooms, 600gpd (Currently Permitted for 5 Bedrooms)
Pre-determined LTAR: Initial 0.3 gpd/ft2, Repair 0.3 gpd/ft2
Pre-determined System Type: 5x100'
Distribution: Gravity
Trench Bottom Square Footage: 1500 ft2
Septic Tank Size: 1500 gal

Line	Actual Length	Design Length
~~White~~ 1 WHITE	40'	
~~Orange~~ 2 ORANGE	71'	
Blue 3	75'	
White 4	70'	
Pink 5	**120'**	**100'**
Orange 6	**150'**	**100'**
~~Orange~~ 7 BLUE	**132'**	**100'**
~~Pink~~ 8 WHITE	**124'**	**100'**
~~White~~ 9 ORANGE	**111'**	**100'**

Initial System: 500' of 25% Red.
Septic Tank: 1500 gal

Repair System: 368'+ of PPBPS

Comments: This lot is currently permitted as a 5 bedroom gravity 25% reduction system. The current owners wish to acquire a pool; therefore MA&A laidout the initial septic area in the same location where it is currently permitted and relocated the proposed repair area in order to obtain adequate space for the pool. We are in full agreement on the location of the septic tank and the soil rating of .3gal/day/ft2 previously determined by Iredell County, although one additional soil boring was completed to verify the soil rating. Please note the remainder of the initial lines was used to determine repair area.