05-23-13
pd $40.00
In Office Review



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Reference: Data Sheet for Lot 376, Sect. 3 Farms S.D., Iredell County NC
House Footprint: Existing
Water Source: Community Well
Number of Bedrooms: 4/4800gpd (Currently permitted for four bedrooms)
Pre-determined LTAR: Initial 0.3 gpd/ft2, Repair 0.3 gpd/ft2
Suggested System Type: Gravity
Distribution: Drop Boxes
Total Linear Footage: 405'
Proposed Trench Depth: 36"
Septic tank size: 1500gal

Line	Actual Length	Design Length	Elevation
White 1	110'		G
Orange 2	95'		R
Blue 3	**80' (Existing)**	**35'**	A
White 4	**80' (Existing)**	**35'**	V
Blue 5	**80' (Existing)**	**35'**	I
White 6	**80' (Existing)**	**35'**	T
Blue 7	**80' (Existing)**	**35'**	Y
Orange 8	**35'+**	**35'**	
Blue 9	**35'+**	**35'**	
White 10	**86'**	**80' (Centerfeed)**	
Blue 11	**85'**	**80' (Centerfeed)**	
Pink 12	104'		
White 13	84'		

Initial System: 405' of 25% Red., B3-B11
ST/PT: 1000gal

Repair System: 393'+ PPBPS, W1-O2 & P12-W13

Comments: Currently lot 376 is a four bedroom residence; the current owners had the site re-permitted recently for a 30x30 pool, but now wish to install a pool (20'X46') in the center of the existing septic area. The site is currently permitted with a .3 LTAR for both the initial and the repair, five additional soil observations were completed and all verified current rating of .3g/d/ft2 or better. All new initial and repair lines have maintained at least a 15' offset from the water's edge. Please note we are proposing to utilize portions (35'/line) of the existing initial system. If there are any questions, please feel free to call.