

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
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Reference: Data Sheet for Royal Point Lot 29
House Footprint: See Plat
Building Setbacks: 35' front/back, 15' side
Water Source: Community Water
Number of Bedrooms: 3/360 gpd
Pre-determined LTAR: 0.3gpd/ft2
Suggested System Type: Existing conventional
Repair System Type: Low Pressure PPBPS
Distribution: existing distribution box
Septic Tank Size: existing 1000 gal.
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length
White 1		*29'*
Pink 2		*32'*
Blue 3		*42'*
White 4		*56'*
Blue 5		*54'*
Pink 6 (existing)		125'
White 7 (existing)		135'
Blue 8 (existing)		140'

Initial System: 400' **Repair System:** 213'

Comments:
The purpose of this investigation was to determine if a pool could be installed. There is an existing conventional system installed. Iredell County HD determined the site LTAR to be 0.3 gpd/ft2 and Michael Athanas & Assoc. conducted a soil observation to verify. In the process of

finding the existing system, we found that the corner of the patio and the walkway covered a part of the system. There is space available below the lowest existing line if Iredell County wants to make up the difference of what was covered.