

MICHAEL ATHANAS & ASSOCIATES, INC.
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, SC 29715
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Reference: Data Sheet for Morrison Point lot 19
House Footprint: see plat
Building Setback: 35' front/back, 15' side, 50' lake
Water Source: Well
Number of Bedrooms: 4/480gpd
Proposed LTAR: 0.3 gpd/ft2
Suggested system type: PPBPS
Distribution: Low Pressure
Pressure Head: 2'
Flow per tap: 0.59 gpm
Hole size & Material: 3/16"
System Flow: 36.58 gpm
Dosing volume: 223.2 gallons
Pump Run Time: 6.10 min
Elevation Head: 17.4'
Friction Head: 7.4'
TDH: 26.8'
Septic/ Pump tank size: 1000 gallons
Proposed Trench Bottom: 36"

Line	Length	Elevation
Orange 1	**27'**	**4.7'**
Pink 2	**56'**	**5.4'**
White 3	**57'**	**5.9'**
Orange 4	**52'**	**6.5'**
Pink 5	**40'**	**6.9'**
Orange 6	**38'**	**7.1'**

Initial system: 270'(62 panels) ***Repair system:*** *NA*
Tanks Elevation: 17.4' **House Elevation:** 17.4'
Benchmark: 1.2'

Comments: No repair area is required. The property was deeded in 1967 (see attached). The system is 5' from property lines (rule .1951). Because of the limited space, it may be necessary to have the valves at the end of each line instead of a central valve box.

Consultant wishes to be onsite at the time of evaluation by the County.