

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
803-802-4403 (office)
803-802-4402 (fax)

Reference: Data Sheet for Nautical Point Subdivision, Lot 10
House Footprint: See attached plan
Building Setbacks: 35' front/back, 15' side
Water Source: Private well
Number of Bedrooms: 2/240 GPD
Proposed LTAR: 0.3 GPD/FT2 (Pre-determined by ICHD)
Proposed System Type: 25% Reduction
Proposed Repair System Type: 25% Reduction
Distribution: Pressure Manifold
Flow per Tap: 7.11 GPM
Tap Size & Material: ½" SCH 40
System Flow: 14.22 GPM
Dosing Volume: 87.5 gallons
Pump Run Time: 6.2 minutes
Elevation Head: 8'
Friction Head: 0.6'
Pressure Head: 2'
Total Dynamic Head: 10.6'
Supply Line Length: 100'
Septic/Pump Tank Size: 1000/1000
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length	Elevation
White 1		60'	5.1'
Pink 2		68'	3.8'
Orange 3		40'	2.9'
White 4		38'	2.9'
Blue 5	**100'**	**100'**	**3.5'**
Pink 6	**100'**	**110'**	**4.4'**

Initial System: 200' **Repair System:** 206'
Pump tank: 6.5' **House corner:** 3.3' **Benchmark:** 4.1'