

MICHAEL ATHANAS & ASSOCIATES, INC.
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, SC 29715
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Reference: Data Sheet for The Farms Ph. 2, Lot 212
House Footprint: see plat
Building Setbacks: 50' front/back, 20' sides
Water Source: Community Well
Number of Bedrooms: 5/600 gpd
Proposed LTAR: 0.3 gpd/ft2
Suggested System Type: LP Panel Block
Repair System: LP Panel Block
Distribution: Central Valve Box
Pressure Head: 2'
Hole Size: 3/16"
Flow per Tap: 0.59 gpm
System Flow: 44.43 gpm (77 Panels)
Dosing Volume: 277.20 gal
Pump Tank Drawdown: 8.94
Pump Run Time: 6.1 min
Elevation Head: 3.9'
Friction Head: 1.6'
TDH: 9.0'
Septic/Pump Tank Size: 1500
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length	Elevation
Pink 1		*40'*	*3.6'*
Orange 2	**50'**	**50'**	**4.2'**
White 3	**50'**	**50'**	**4.5'**
Blue 4	**50'**	**50'**	**4.7'**
Yellow 5	**50'**	**50'**	**5.4'**
Orange 6	**50'**	**50'**	**5.9'**
Blue 7	**50'**	**50'**	**6.3'**
White 8	**50'**	**50'**	*6.7'*
Pink 9		*76'*	*7.4'*
Orange 10		*102'*	*8.4'*
Blue 11		*121'*	*9.1'*
~~*Pink 12*~~		~~*80'*~~	~~*9.6'*~~

Initial System: ~~333'~~ 350'* *Repair System:* 339'
Pump Tank Elev: 3.1' **Benchmark:** 5.0' **House Corner:** 3.6'

Comments: This site was previously permitted for a four bedroom @ .3 LTAR. Please see attached permit.

* per conversation w/ Mike Athanas 4-9-12