

MICHAEL ATHANAS & ASSOCIATES, INC.
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, SC 29715
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Reference: Data Sheet for Windward Pt. Phase 3, lot 167
House Footprint: 66' x 25'
Building Setback: 35' front/back, 15' side, 25' side road
Water Source: Well
Number of Bedrooms: 3/360gpd
Proposed LTAR: 0.3 gpd/ft2
Suggested system type: 25% Reduction (initial), PPBPS (repair)
Distribution: Pressure Manifold
Septic/ Pump tank size: 1000 gallons
Proposed Trench Bottom: 42"minimum-48" maximum

Line	Length
Pink 1 A/B	*40'/50'*
Orange 2 A/B	*40'/55'*
Pink 3 A/B	**50'/50'**
Orange 4	**52'**
Pink 5	**50'**
Orange 6	**50'**
Pink 7	**48'**
Orange 8	*47'*

Initial system: 300' ***Repair system:*** *232'*

Comments: The small gullies in the system area must be filled with soil. The pits were evaluated with Iredell County and the trench bottom was determined to be at least 42" deep to use the saprolite.