

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
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Reference: Data Sheet For Parkwood @ Falls Cove, Lot 628
House Footprint: See attached
Building Setbacks: 99' front, 15' side, 50' lake
Water Source: Community Water
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2 (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" SCH40
System Flow: 28.4 GPM
Dosing Volume: 175 gallons
Pump Run Time: 6.2 minutes
Elevation Head: 26.9'
Friction Head: 5.3'
Pressure Head: 2'
Total Dynamic Head: 34.2'
Supply Line Length: 285'
Septic/Pump Tank Size: 1000/1000 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Actual Length	Elevation
Orange 1		75'	2.0'
White 2		103'	3.0'
Blue 3	**100'**	**102'**	**3.3'**
Orange 4	**100'**	**127'**	**4.2'**
White 5	**100'**	**124'**	**5.1'**
Blue 6	**100'**	**116'**	**5.9'**
Orange 7		102'	6.5'
White 8		81'	7.1'
Blue 9		80'	8.0'