CALCULATIONS

Location OAK RIDGE SUBDIVISION

Project Number 01-1185

Lot No: Lot 10

No. of Bedrooms	3	
Design Flow	360	$^{gal}/_{day}$
LTAR	0.3	$^{gal}/_{ft^2\ day}$
25% RED.? (YES OR NO)	YES	
Supply Line Length	29	ft.
Supply Line Volume	5.046	gal.
Required Feet of Line	300	ft.
Amount of Line from Layout	300	ft.
Gallons per Minute NA		$^{gal}/_{min}$
Required Septic Tank Capacity	1000	gal.
Minimum Standard Tank Size	1000	
Lateral Line Volume	195.9	gal.
Dosing Volume NA		gal.

Note: Dosing Volume based on70% of lateral line volume

FRICTION FACTOR INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
	-1.28
30	1.78
	-1.76
35	2.37
	-2.25
40	3.03
43.07	3.48
45	3.77
48.14	4.28
50	4.58
57.11	5.89
60	6.42

Tank Draw Down NA		*Generic Draw Down of 21 gal.per in.*
Pump Run Time NA		minutes
Elevation Head NA		ft.
Pressure Head NA		ft.
Friction Factor NA		ft./100 ft. *(From the interpolater.)*
Friction Head NA		ft.
Total Dynamic Head (+15%) NA		ft.