Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)	Elevation (Ft.)
1	Repair	NF	LP PPBPS	50	4.2
2	Repair	Pink	LP PPBPS	88	
3	Repair	Orange	LP PPBPS	89	
4	Repair	Red	LP PPBPS	87	
5	System	Blue	25% Reduction	80 endfed	
6	System	Pink	25% Reduction	80 endfed	
7	System	Orange	25% Reduction	80 endfed	
8	System	Red	25% Reduction	80 endfed	
9	System	Blue	25% Reduction	80 endfed	
				Total System: 314'	
				Total Repair: 383'	

Tank	Red	1000 gal (2 compartment)	9.4
Pump Tank	Red	1000 gal.	9.4
House	Blue		

Manifold Information	
Tap Size (In.)	1/2
Tap Material	SCH 80 PVC
No. Taps	5
Barrel Size (In.)	4
Barrel Material	SCH 80 PVC
Flow (gpm)/Tap	5.5

Note:

Lot 3 Hawks Landing Subdivision Fast Track

Number of Bedrooms	**4**
Basement or Crawl	**Crawls Space**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.3**
Primary System Type	**25% Reduction**
No. Lines	5 (See Table)
Total Linear Feet	400
Trench Width	3' min.
Trench Spacing	9' min.
Trench Bottom Depth (low side)	36"
Pump Required	Yes
Distribution Device	Pressure Manifold
Maintenance Agreement Required	No
Length and Diameter of Supply Pipe	70' of 2" SCH 40 PVC
Flow Rate through the system	27.5 gpm
Elevation head	Approx. 11.2'
Pressure head	2.0'
Friction head	1.1'
20% Contingency	2.9'
Total Head	17.2'
Pump Requirements	27.5 gpm @ 17.2' of head To be designed by installer.
Maximum Dosing Volume	240 gal -2.0 doses/day @ design flow
Volume of water pumped per dose	Calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Pump Run per dose	approx.8.7 min.
Repair System	**LP PPBPS**
Total Linear Feet	314
Repair Loading Rate	0.3