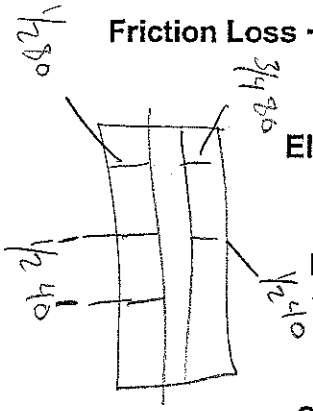
Bells Crossing S/D Lot 64

Layout/Design Specifications

Facility Type:	Single Family Home	
# of Bedrooms:	4	
Daily Flow:	480	**gal/day**
L.T.A.R.:	0.28	**gal/day/sq.ft**
Trench Depth:	24	**in**
Trench Width:	36	**in**
Stone Depth:	chamber	**in**
Manifold Length:	48	**in**
Manifold Diameter:	4	**in sch 80pvc**
Supply Line Length:	131	**ft**
Supply Line Diameter:	2	**in sch 40pvc**
Supply Line Volume:	22.79	**gallons**
Friction Loss + Fitting Loss:	7.90	**ft(supply line length + 70' for fittings in pump tank)**
Design Head:	2	**ft**
Elevation Head:	6.40	**ft**
Total Head:	16.30	**ft**
Dose Volume:	227.45	**gals**
% of Pipe Vol.	.75	
Drawdown:	10.58	**in @ 21.5 gal/in**



Control Panel: SJE Rhombus Model112 control panel (or approved equivalent)

Pump: Zoeller M140 Flow-Mate (or approved equivalent)

Septic Tank Effluent Filter: Zoeller 170-0144 residential effluent filter (or approved equivalent)

Septic Tank: 1000 **gallon**

Pump Tank: 1000 **gallon**