

SETEC

General Information

Lot: 28

Health Department

Telephone No:

Signature: Charles Nelson

depth at site designated on permit.

Site Disapproved:

1 Position in landscape subject to flooding or periodic saturation.
2 Insufficient depth of suitable soil over hard rock.
3 Insufficient depth of suitable soil over water table.
4 Rates of absorption too slow.
5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
6 Proposed system too close to well
7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 8/29/02

Health Department
Identification No.

x See application sketch

See construction permit

Subdivision: Stone Ridge

Lot: 28

Hole #	Horizon	Depth	Description	Texture Group
1	Ap	0-6	Dark Yellowish Brown (10YR 4/4) loam	2
	Bt	6-40	Yellowish Brown (10YR 5/6) sandy clay loam	2
	C	40-48	Brownish Yellow (10YR 6/8) sandy loam	2
2	Ap	0-4	Dark Yellowish Brown (10YR 4/4) loam	2
	Bt	4-20	Yellowish Brown (10YR 5/6) loam	2
	BC	20-38	Yellowish Brown (10YR 5/6) gravelly loam; 15% coarse fragments	2
	C	38-50	Yellowish Brown (10YR 5/8) clay loam	3
3	Ap	0-5	Dark Yellowish Brown (10YR 4/4) loam	2
	Bt	5-34	Yellowish Brown (10YR 5/8) very gravelly sandy loam; 35% coarse fragments	2
	Cr	34-37	Brownish Yellow (10YR 6/6) through Light Gray (10YR 7/1) loamy sand; granitic saprolite	1
	R	37	Hard Rock	

Subdivision: Stone Ridge

Lot: 28

**DRAINFIELD RECOMMENDATIONS
DESIGN BASIS & AREA CALCULATIONS**

Type of system	Gravity with Microfast 500 GPD Pretreatment Unit		
EPR	45	Reserve Area Required	NO
Slope %	18	Type of Reserve	N/A
# Bedrooms	3	Length of Reserve (feet)	N/A
Installed <24" from Rock or Other Impervious Strata	N/A	# Lines in Reserve	N/A
Area (Sq. ft.) required per bedroom	344	Square Footage in Reserve	N/A
Absorption Area Increase %	N/A	Backfilling Required	NO
Total Square ft. required (Main DF)	1032	Backfilling Depth (inches)	N/A
Line Length (feet)	70	Width required (Main DF)(ft.)	39
# Lines Installed	5	Width of Available Area (Main DF + Reserve) (ft.)	39
Installation Depth inches (into natural soil)	18	Length of Available Area (ft.)	70
Width of Trench (feet)	3	Square Footage in Design (Main DF + Reserve)	1050
Centers (feet)	9		

Note: Effluent must be treated before being released into the drainfield.