Environmental Services.

BELLS CROSSING LOT 60
GRAVITY DISTRIBUTION DESIGN

DESIGN FLOW:	480	
SOIL APPLICATION RATE:	0.3	
TOTAL AREA TRENCH BOTTOM:	1215	
TOTAL LATERAL LENGTH:	405	
NUMBER OF FIELDS:	1	
LATERAL LENGTH REQUIRED PER FIELD:	400	
SUPPLY LINE LENGTH:	57	
TOTAL DYNAMIC HEAD:	N/A	
MANIFOLD SIZE:	N/A	
DOSING VOLUME:	N/A	
PUMP TANK DRAW DOWN*:	N/A	
SEPTIC TANK SIZE:		1000
PUMP TANK SIZE:	N/A	

BELLS CROSSING LOT # 60

Project #: 01-1429

LAYOUT FOR 4 BEDROOM HOME

October 23, 2008

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM		N/A			N/A		
INSTR. 1			N/A				
HOUSE CNR				N/A	N/A		
P. TANK				N/A	N/A		
1	RED			N/A	N/A	60	60
2	ORANGE			N/A	N/A	60	60
3	BLUE			N/A	N/A	90	90
4	RED			N/A	N/A	40	40
5	PINK			N/A	N/A	90	90
6	ORANGE			N/A	N/A	70	70
7	RED			N/A	N/A	88	85
8	***BLUE***			***N/A***	***N/A***	***90***	***90***
9	***PINK***			***N/A***	***N/A***	***83***	***80***
10	***RED***			***N/A***	***N/A***	***83***	***80***
11	***ORANGE***			***N/A***	***N/A***	***84***	***80***
12	***BLUE***			***N/A***	***N/A***	***76***	***75***
					Total	**914**	**900**

	LINE LENGTH	LTAR GPD/FT^2	SYSTEM TYPE	SOIL LTAR GPD/FT^2	TRENCH SYSTEM	DISTRIBUTION
**** System***	***405***	***0.300***	***ACCEPT.***	***0.300***	***25% RED.***	**GRAVITY DISTRIBUTION**
Repair	375	0.250	MOD.	0.250	PPBPS	LOW PRESSURE

Notes:

**All measures in feet

**Nitrification lines are demonstrated on contour via colored pin flags

**BS, HI, and FS indicate rod readings

74
74
54
78