Carlyle Road
LP PPBPS

DESIGN FLOW:	360
SOIL APPLICATION RATE:	0.3
TOTAL AREA TRENCH BOTTOM:	400
TOTAL LATERAL LENGTH:	200
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	200.00
SUPPLY LINE LENGTH:	110
TOTAL DYNAMIC HEAD:	18.31
MANIFOLD SIZE:	N/A
DOSING VOLUME:	108.54
PUMP TANK DRAW DOWN*:	5.2
SEPTIC TANK SIZE:	1000
PUMP TANK SIZE:	1000

**Pump tank draw down based on a volume basis of 21 gallons per inch. Draw down may vary among pump tank manufacturers.*

Carlyle Road

LAYOUT FOR 3 BEDROOM HOME

August 3, 2013

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
HOUSE CNR					920'.00		
P. TANK					923.00'		
1	***ORANGE***				***930.78'***	***40***	***40***
2	***DARK PINK***				***928.90'***	***40***	***40***
3	***ORANGE***				***927.50'***	***40***	***40***
4	***DARK PINK***				***925.84'***	***40***	***40***
5	***ORANGE***				***924.10***	***40***	***40***
6	DARK PINK				922.54'	26	26
					Total	226	226

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
** System*	*200*	*0.3*	*MOD.*	*0.3*	*PPBPS*	*LOW PRESSURE*
Repair	3,320 SF	0.15	INNOV.	0.15	SUB-SURFACE DRIP	LOW PRESSURE

Notes:
** Septic Lines located via RLS
**All measures in feet
**Nitrification lines are demonstrated on contour via colored pin flags
**Surface Water diversion required to shed water around tanks

LP PPBPS TAPSHEET - Carlyle Road

SYSTEM

Line #	Color	Elevation	Length	Hole Size	Flow/hole	Trench Area	Number of Panels
1	*ORANGE*	*930.78'*	*40*	0.156	**0.41**	120	9
2	*DARK PINK*	*928.90'*	*40*	0.156	**0.41**	120	9
3	*ORANGE*	*927.50'*	*40*	0.156	**0.41**	120	9
4	*DARK PINK*	*925.84'*	*40*	0.156	**0.41**	120	9
5	*ORANGE*	*924.10*	*40*	0.156	**0.41**	120	9
	total	**feet =**	**200**	**gal/min =**	**18.45**		45

Des. Flow	**360**
Pump Run=	**5.88**
soil LTAR	**0.3**
LTAR +5%	**0.315**
LTAR with mod.	**0.6**
LTAR with mod.. + 5%	**0.63**

.156 equals 5/32 inch hole