

# SEPTIC SYSTEM LAYOUT DESIGN

Applicant: David Johnson Phone #: 919796-2107  
 mailing address: 20 Mary-Gray Court, Fuquay-Varina, NC 27526

Site Address: 20 Mary-Gray Court  
 P.I.N.: 0651-49-2297 Subdivision: Ballard Woods Lot #: 78

# Bedrooms: 3 Daily Flow: 360 gallons

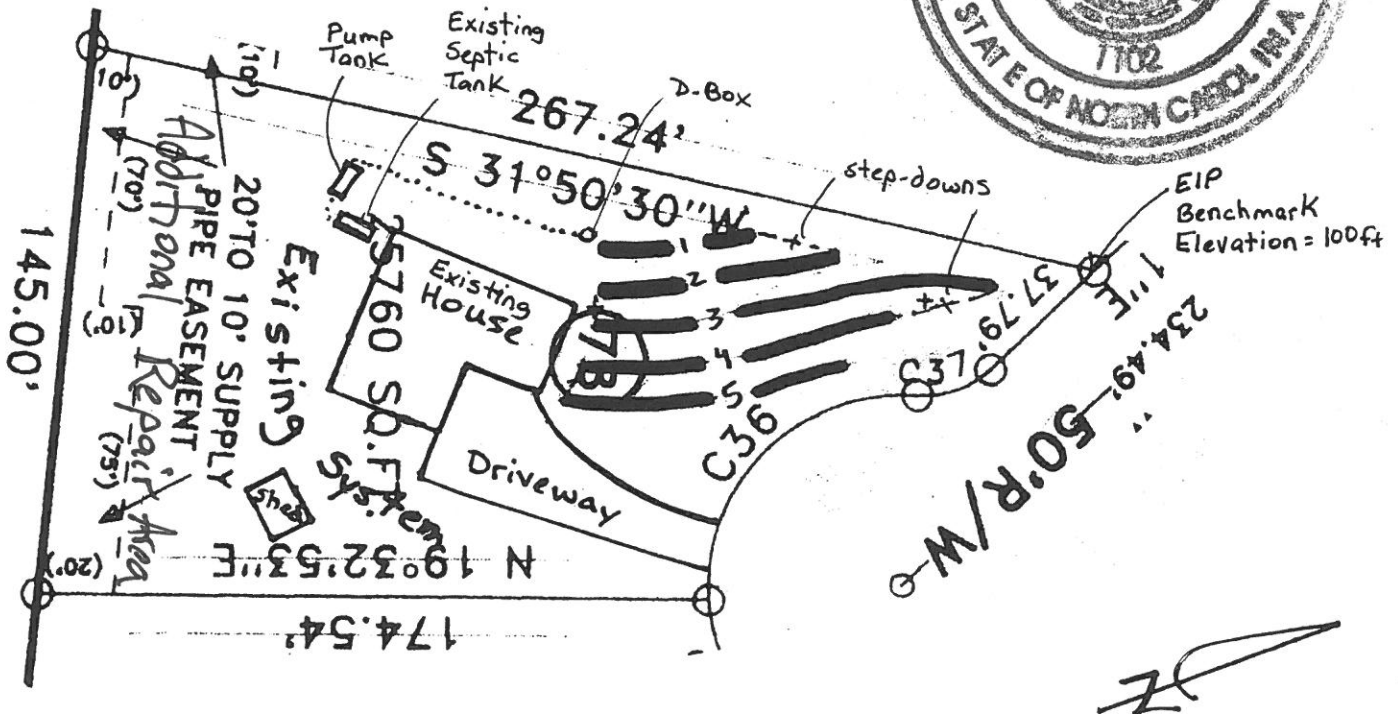
Initial System  
 Existing

Repair System  
 Pump to 1 X 365ft (X 3ft wide) serial distribution, 25% reduction drainlines  
 Install on-contour at 12'-18" inches  
 LTAR 0.25 gal/day/sqft

Lines flagged at site on 9 ft centers.

Line #	Line color	Drainline Length(ft)	Measured Field Line Length(ft)	Relative Elevation(ft)
1	Y	40	40	104.35
2	W	65	67	103.31
3	B	100	100	102.35
4	Y	85	87	101.49
5	W	75	77	100.58
Front Right corner				EIP=100.00

Scale 1 in = 50 ft



# SEPTIC SYSTEM LAYOUT DESIGN : FIELD SHEET

Project/Site: \_\_\_\_\_

Lot #: \_\_\_\_\_

# Bedrooms \_\_\_\_\_

Investigator \_\_\_\_\_

House Footprint \_\_\_\_\_

Setbacks \_\_\_\_\_

Date \_\_\_\_\_

Slope: \_\_\_\_\_

Foundation Drain: YES NO

Line		Field Line Length	System Line Length	Field Elevation			Relative Elevation
No.	color			Setup #1	Setup #2	Setup #3	
1	Y	40		5.05			
2	W	67		6.09			
3	B	100		7.05			
4	Y	87		7.91			
5	W	71		8.82			
6							
7							
8							
9							
10							
11							
12							
13							
Pump Tank							
Supply Line							
EIP Benchmark		9.40				100.0	

**PROPOSED SYSTEM:**

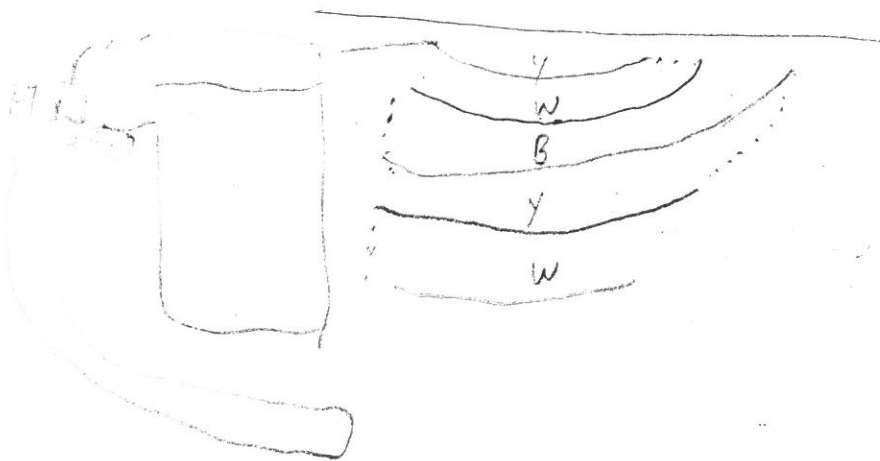
Initial System

LTAR:

Repair System

LTAR:

Scale:



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