C:\Users\Office\Desktop\logo.tif

C:\Users\Office\Desktop\car-gaspump.tif

Vicinity Map
Scale None

Rodger C. Jennings
PB 2185 pg 257

Lot 1
Peter Snyder
DB 1900 pg 291

N 89°05'58"W 102.72'

N 04°51'15"W 105.45'

N 87°21'14"E 543.81'

N 03°36'27"E 102.39'

S 03°14'05"W 105.93'

S 87°21'14"W 528.87'

9.03'
S 78°28'35"E
(EIR found off line)

DRIVEWAY

35' Front Setback

Lot 2
1.297 ACRES

BUILDABLE AREA

WELL

2 PINK 80'
6 BLUE 88'
5 ORANGE 76'
4 RED 100'
34 YELLOW 38'
30'
2 PINK 56'
1 BLUE 38'
TANK

FILL IN GULLY BETWEEN HOUSE AND SEPTIC FIELD

Lot 3
Barb R. Pitts
DB 1932 pg

Coddle Creek Road (NC Hwy 3) 60' R/W

Partition & Dedication Plat
MB 60 pg 18

LEGEND
DB = Deed Book
pg = Page
PP = Power Pole
MN = Mag Nail
MH = Man Hole
EIP = Existing Iron Pipe
EIR = Existing Iron Rod
NIR = New Iron Rod
CM = Concrete Marker
Dwlg = Dwelling
Bldg = Building
C/L = Center Line
R/W = Right of Way
CP = Computed Point

I, David S. Clark, PLS certify that this plat was drawn (under) my supervision from an actual survey made under my supervision (deed description) recorded in Book ..... page ..... (that the boundaries not surveyed are clearly indicated as drawn from information found in Book ..... page .....; that the ratio of precision as calculated is 1: .....; that this plat was prepared in conformance with Standards of Practices; witness my original signature, licensed number and seal this ..... day of ....., A.D., ...

Surveyor

60 0 60 120 180

GRAPHIC_SCALE_-_FEET

Survey Plat for

Donna H. Kistler

Coddle Creek Township, Iredell County, North Carolina

PIN 4674375567.000
DB 1913 pg 1072
Date Aug 21st, 2013

Drawn By DKC
FB 140 pg 5
Scale 1"=30'

Rocky River Estates File 22 pg 21

David S. Clark Surveyor
1920 32nd St. NE, Hickory, NC 28601
828-256-6400 www.clarksurveying.com

CALCULATIONS

Location ROCKY RIVER ESTATES LOT 2

Project Number 01-1903

Lot No: 2

No. of Bedrooms	3	
Design Flow	360	$^{gal}/_{day}$
LTAR	0.30	$^{gal}/_{ft^2\ day}$
25% RED.? (YES OR NO)	YES	
Supply Line Length	26	ft.
Supply Line Volume	9.36	gal.
Required Feet of Line	300	ft.
Amount of Line from Layout	300	ft.
Gallons per Minute	NA	$^{gal}/_{min}$
Required Septic Tank Capacity	1000	gal.
Minimum Standard Tank Size	1000	
Lateral Line Volume	195.9	gal.
Dosing Volume	NA	gal.

Note: Dosing Volume based on70% of lateral line volume

Tank Draw Down	NA	*Generic Draw Down of 21 gal.per in.*
Pump Run Time	NA	minutes
Elevation Head	NA	ft.
Pressure Head	NA	ft.
Friction Factor	NA	ft./100 ft. *(From the interpolater.)*
Friction Head	NA	ft.
Total Dynamic Head (+15%)	NA	ft.

FRICTION FACTOR INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
	-1.28
30	1.78
	-1.76
35	2.37
	-2.25
40	3.03
43.07	3.48
45	3.77
48.14	4.28
50	4.58
57.11	5.89
60	6.42