

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
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Weddington, NC 28173
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Reference: Data Sheet for 141 Mills Plantation Circle, Georgia Mills Lot 39
House Footprint: See attached
Building Setbacks: 35' front/rear, 15' side
Water Source: Private well
Number of Bedrooms: 3/360 GPD
Predetermined LTAR: 0.25 GPD/FT2 (repair)
Existing System Type: 25% Reduction
Proposed Repair System Type: Deep Sand Lined Trench
Distribution: Low Pressure (repair)
Septic Tank Size: 1000/1000 gallon (existing)
Proposed Trench Bottom: 60" (repair)

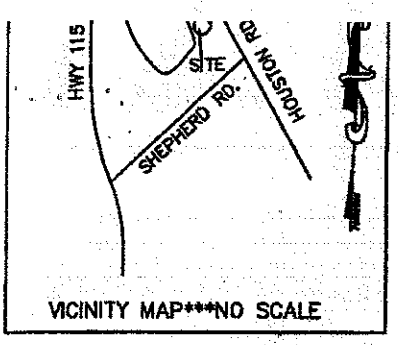
Line	Design Length	Actual Length
Pink 1		50'
White 2		53'
Blue 3		60'
Pink 4		105'
White 5		82'
Blue 6		105'
Pink 7		50'
Blue 8	**48'**	
Pink 9	**48'**	
White 10	**48'**	
Orange 11	**48'**	
Blue 12	**48'**	
Pink 13	**48'**	
White 14	**48'**	
Orange 15	**48'**	
Blue 16	**48'**	
Pink 17	**48'**	

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Initial System: 480' Existing **Repair System:** 505'

Comments:
The purpose of this evaluation is to show room for a pool. MA&A had previously designed a Deep Sand Lined Trench for a four bedroom repair area. The owner has since converted a small bedroom into a walk-in closet, making the house three bedrooms. We have laid out the repair area based on the new pool size and as a three bedroom. The existing system will remain unchanged.





LAND SURVEY
WILLIAM M. ALLEN

LOT 60
J&E LAND HOLDING LLC
2354\2076

LOT 61
GERALD ANDREWS
2278\1155

LOT 59
REMESE DEV. LLC
2354\~~2074~~

LOT 40
SCOTT CURRY
1964\1743

LOT 39
1.04 AC.

LOT 38
JON E. BERNAL
2280\1633

APPROVED JUN 30 2016

S63°51'36"E
109.92

S63°50'14"E
65.11

N26°02'41"E
84.96

S25°59'26"W
85.12

S32°44'23"W
221.49

S63°52'24"E
149.88

(BASE BEARING)
N26°12'01"E

220.24

42.9

35' REAR SETBACK

35' REAR

15' SIDE SETBACK

35' FRONT SETBACK

15' SIDE

15.1

45.9

45.3

36.1

GARAGE

POOL

WALL

CONC. DR.

1 STORY BRICK
COMP RF.

Berm

EIP

PM

PT

ST

R\W

MILLS PLANTATION CIR.
(50' PUBLIC R\W)

LEGEND

- P.P. = POWER POLE
- = POWER TRANS.
- E.I.P. = EXISTING IRON FOUND
- I.P.S. = #4 REBAR SET
- R/W = RIGHT-OF-WAY
- (W) = WELL

NOTES

1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.

0' 25' 50' 100'
SCALE IN FEET

PHYSICAL SURVEY

OF

141 MILLS PLANTATION CIR

LOT 39 GEORGIA MILLS PLANTATION

BARRINGER TWSP., IREDELL CO., N.C.

SCALE 1" = 50'

ACQUIRED BY: JAMES & MICHELLE LEONARD

FIELD BOOK: 500-I
FILE: GEORGIA MILLS 39
DC FILE:
TAX MAP NO: 4750719363