

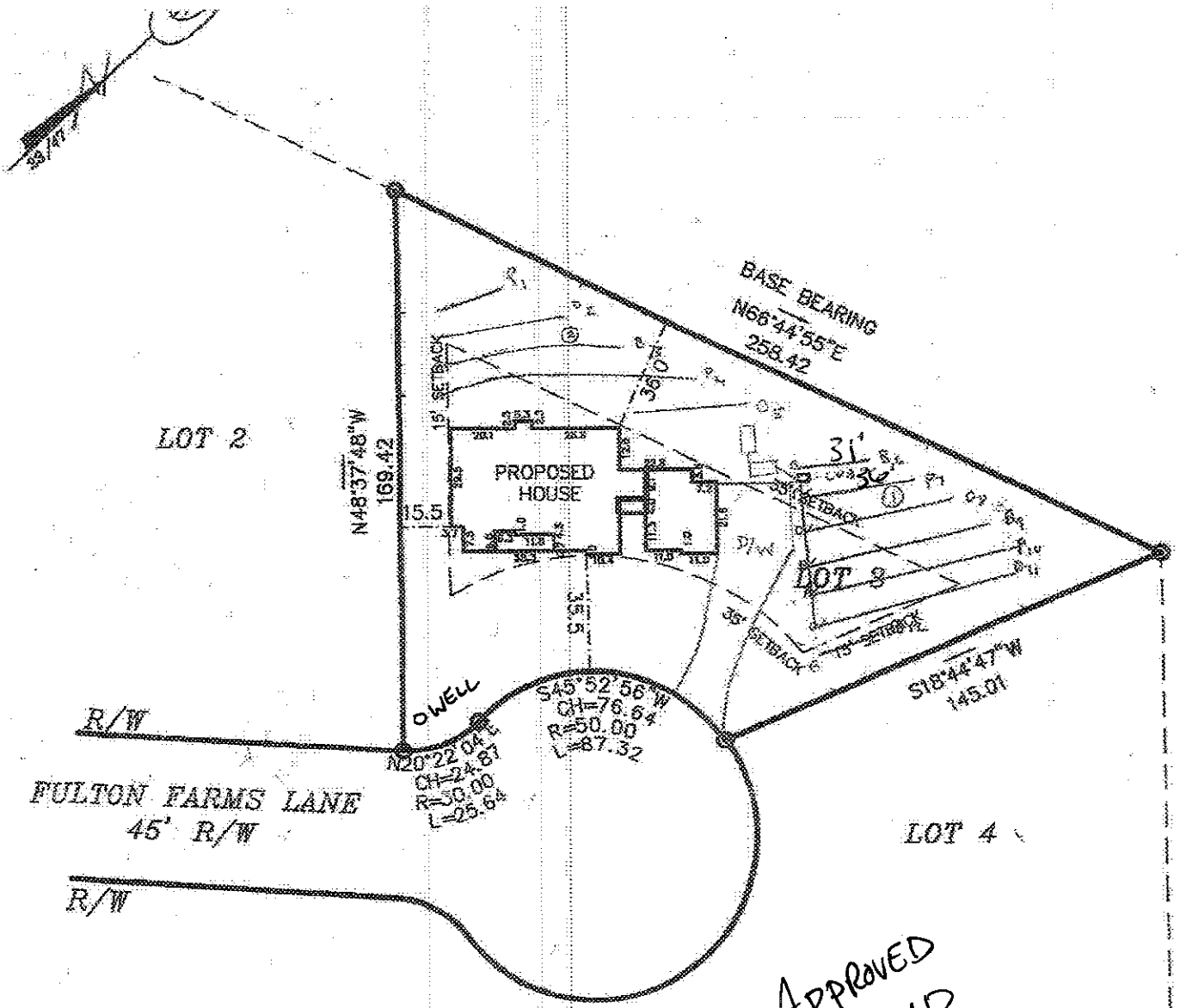
MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
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Reference: Data Sheet for Lot 3, Brookridge Shores S.D., Iredell County NC
House Footprint: Refer to Drawing
Water Source: Well
Number of Bedrooms: 4/480gpd (Currently existing three bedroom residence, ppbps)
Pre-determined LTAR: Initial 0.3 gpd/ft2, Repair 0.3 gpd/ft2
Suggested System Type: LP PPBPS, Repair LP PPBPS
Distribution: CVB
Pressure Head: 2'
Flow per Orifice: .59
Hole Size: 3/16
Number of Panels: 61
System Flow: 36 gal/min
Dosing Volume: 219.6 gal/dose
Pump Run Time: 6.10 min
Pump Tank Drawdown: 10.46"
Total Linear Footage: 267'
Proposed Trench Depth: 36"
Septic/ Pump tank size: 1000gal

Line	Actual Length	Design Length	Elevation
Pink 1	21'		
Orange 2	41'		
Blue 3	60'		
Pink 4	79'		
Orange 5	35'		
Blue 6	22'		
Pink 7	**33'**	**33'**	
Orange 8	**45'**	**34'**	
Blue 9	***66'***	***66' Existing***	
Pink 10	***67'***	***67' Existing***	
Orange 11	***67***	***67' Existing***	
Blue 12	22'		

Initial System: P7-011, 267' **Repair System:** P1-B6 & B12, 280'
ST/PT: 1000gal

Comments: Currently lot 3 is permitted for a three bedroom septic system; the current owners wish to adjust the driveway location of the current house and add a fourth bedroom. The site is permitted with a .3 LTAR for both the initial and the repair, two additional soil observations were completed and all verified the current rating of .3g/d/ft2 or better. In order to accommodate the new driveway, the present cvb will need to be relocated above the pink 7 lateral.



APPROVED BY ICHD

0' 25' 50' 100'

SCALE IN FEET

LEGEND

- P.P. = POWER POLE
- = DUKE 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.

PLOT PLAN SURVEY

OF

#133 FULTON FARMS LANE

LOT 3, BROOKRIDGE SHORES PHASE 4

SCALE 1" = 50'

DAVIDSON TWSP., IREDELL CO., NC

ACQUIRED BY: THE MOELLMAN GROUP

FIELD BOOK:
FILE: BROOKRIDGE SHORES PHASE 4
DC FILE:
TAX MAP NO: 4626-67-3077