

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
803-802-4403 (office)
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Reference: Data Sheet for Lot 984, Dedham Loop, Point S.D., Iredell County NC
House Footprint: Refer to Drawing
Water Source: Community Well
Number of Bedrooms: 4/480gpd
LTAR: Initial 0.3 gpd/ft2, Repair 0.3 gpd/ft2
Suggested System Type: 25% Reduction, Repair LP PPBPS
Distribution: Gravity, Drop Boxes
Total Linear Footage: 400'
Proposed Trench Depth: 36"
Septic/ Pump tank size: 1500gal

Line	Actual Length	Design Length	Elevation
White 1	**81'**	**80'**	**G**
Blue 2	**81'**	**80'**	**R**
Pink 3	**81'**	**80'**	**A**
White 4	66'	66'	**V**
Blue 5	**101'**	**80'**	**I**
Pink 6	**80'**	**80'**	**T**
White 7	70'		**Y**
Blue 8	61'		
Pink 9	61'		
White 10	54'		

Initial System: 400' of 25% Red., W1-P3, B5-P6 **Repair System:** 312' PPBPS, W4, W7-W10
ST/PT: 1000 gal. **House Corner:** N/A

Comments: Currently lot was permitted in 2002 for a 4 bedroom, 25% reduction system at a .3 LTAR. MA & Assoc. is recommending the same system type at the same application rate, although we have centered the house location. These septic lines have been located by the surveyor, please note do not cut house pad, only fill, that way we can ensure a gravity system. Please note this is a crawl only/no basement and do not cut pad.

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: 4624-28-543
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Lynn Bedow APPLICATION DATE: 2-24-12
ADDRESS: 1999 Candlewick Dr Fort Mill SC 29715 DATE EVALUATED: 2-18-13
PROPOSED FACILITY: 4Br. PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE: 1.23
LOCATION OF SITE: Lot 984 Dedham Loop PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☐ Public * Well ☐ Spring ☐ Other
EVALUATION METHOD: * Auger Boring Pit ☐ Cut TYPE OF WASTEWATER: * Sewage ☐ Industrial Process ☐ Mixed

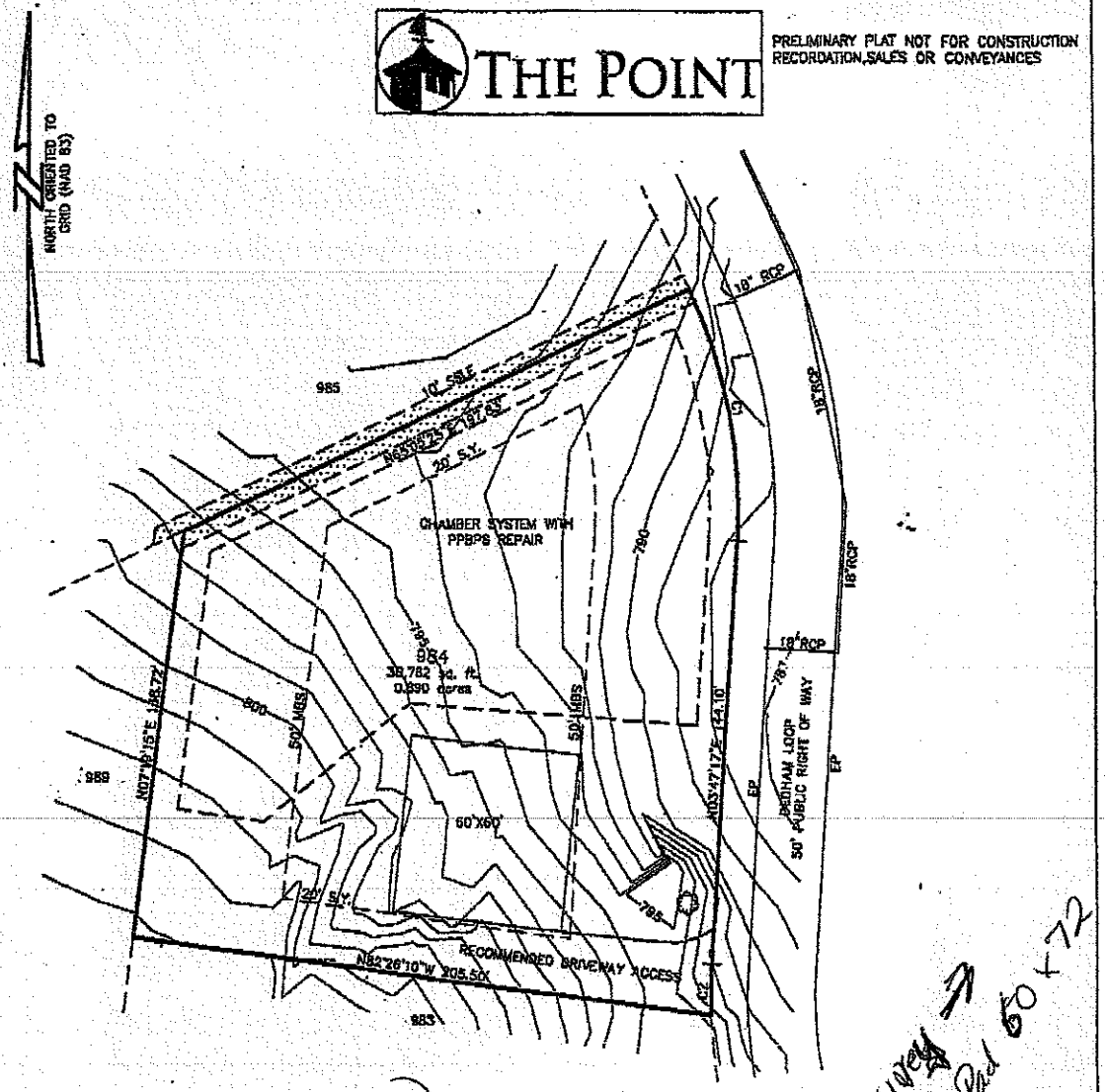
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 5%	0-12	Br. SCL WSBK	FR SS/SP SEXP	NA	48"	NA	NA	PS .3
		2-24	R C SBK	FR SS/SP SEXP					
		24-48	R CL SBK/WSBK	FR SS/SP SEXP					
2	LS 5%	0-16	Br. SCL WSBK	FR SS/SP SEXP	NA	48"	NA	NA	PS .3
		16-40	R C SBK	FR SS/SP SEXP					
		40-48	R CL SBK	FRI SS/SP SEXP					
3	LS 5%	0-10	Br. SCL WSBK	FR SS/SP SEXP	NA	48"	NA	NA	PS .3
		10-30	R C SBK	FR SS/SP SEXP					
		30-48	R CL WSBK	FR SS/SP SEXP					
4	LS 5%	0-10	Br. SCL WSBK	FR SS/SP SEXP	NA	48"	NA	NA	PS .3
		10-28	R Clay SBK	FR SS/SP SEXP					
		28-48	R CL SBK	FR SS/SP SEXP					

Comments:

Approved ICHD
3-8-13

THE POINT

PRELIMINARY PLAT NOT FOR CONSTRUCTION
RECORDATION,SALES OR CONVEYANCES



(Survey) (Pad) F Survey Building Pad 60 x 72

CURVE TABLE					
CURVE	RADIUS	LENGTH	BEARING	CHORD	DELTA
C1	175.00'	88.84'	N10°45'16"W	87.88'	29°05'08"
C2	175.00'	17.84'	S00°32'04"W	17.83'	5°50'25"

LEGEND
R/W=RIGHT-OF-WAY
SSRW = SEWER R/W
MBS = MINIMUM BUILDING SETBACK
S.Y. = SIDE YARD
R.Y. = REAR YARD
PDE = PUBLIC DRAINAGE EASEMENT
FPE = FLOOD PROTECTION ELEVATION
PSDE =PERMANENT STORM DRAINAGE EASEMENT
○ = RED MAPLE "AUTUMN FLAME"

THIS PROPERTY SUBJECT TO A 10' FLOOD EASEMENT TO ELEVATION 770' PER DUKE POWER.

STREET TREES TO BE PLANTED OUTSIDE OF R/W

"Prior to constructing any pier,structure or other improvement within any pier zone shown on this plat, a permit must be obtained by the applicable lot owner from Duke Energy Corporation in accordance with the terms of the applicable Lot Purchase and Sale agreement and the Declaration of Covenants,Conditions and Restrictions for The Point."

Piers may extend from the shore for a distance of 80 feet regardless of the water depth and may extend to a maximum length of 120 feet to achieve a water depth of 10 feet, measured at full pond. In no event may a pier extend more than 1/3 of the width of the cove in which it is located. The top decking of all piers must be at least 1 foot above the water surface at full pond.

PHASE 9 LOT # 984

DEDHAM LOOP

0.890 ACRE 38,782 (SF)

WOODED

1"=50'

05/31/02

PH9NR984.DWG

BAR SCALE 1"=50'

0 25 50 100

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