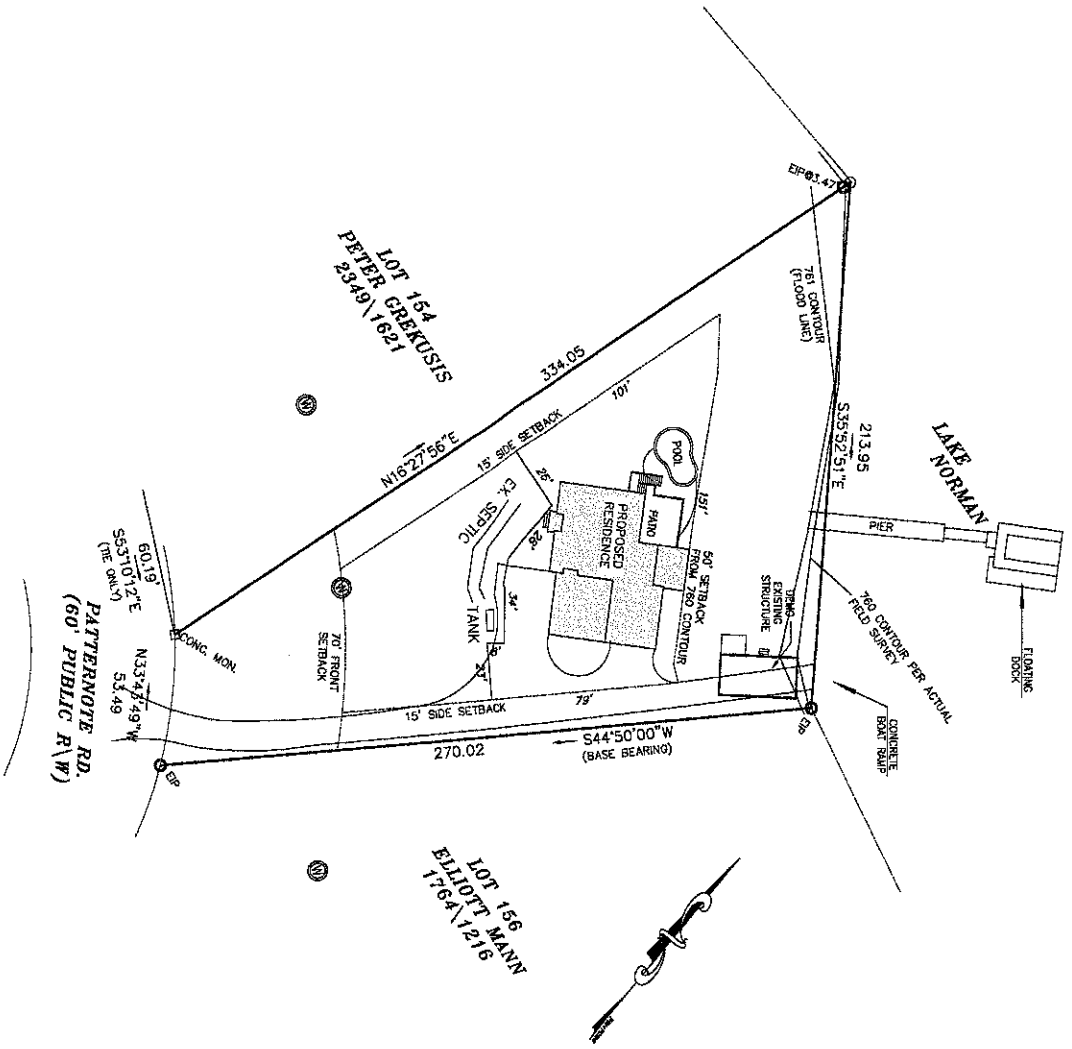


MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887

Reference: Data Sheet for 143 Patternote Rd. CL&T Sec. 9 Lot 155
House Footprint: See attached plan
Building Setbacks: 70' front, 15, side, 50' lake
Water Source: Existing private well
Number of Bedrooms: 3/360 GPD
Proposed LTAR: n/a
Proposed System Type: Existing Conventional Bed
Proposed Repair System Type: n/a
Distribution: Distribution box
Septic Tank Size: 1000 gallons (existing)
Proposed Trench Bottom: n/a

Comments:
This property has an existing three bedroom septic system. The proposed house is a crawl space. The foundation drain will be placed at the surface of the ground on top of the foundation so the septic system may encroach on the 25' setback from the foundation drain.



DRAWING: SITE PLAN	9/18/15 CLIENT REVIEW	PROJECT: CUSTOM HOME DESIGN for BILL & MARY LUCAS	BUILT BY: WAC CONTRACTING	SEAL:	DRAWN BY: ashley j design custom homes and renovations P.O. BOX 5428 CHARLOTTE, NC 28299 WWW.ASHLEYJDESIGN.COM 704-839-0491
PAGE: 3	SCALE: 1" = 20'-0"				

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

Sheet __1__ of __1__
PROPERTY ID #: 4637139341__
COUNTY: _Iredell_____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _William Lucas_____ APPLICATION DATE_____
ADDRESS: 12711 Kane Alexander Dr., Huntersville NC _____ DATE EVALUATED: _____
PROPOSED FACILITY: __4 bdrm____ PROPOSED DESIGN FLOW (.1949): _480 GPD____ PROPERTY SIZE: __0.81 AC_____
LOCATION OF SITE: 143 Patternote Rd, CL&T Sec 9, Lot 155_____ PROPERTY RECORDED: _5/9/1977_____
WATER SUPPLY: Ξ Private Public Ξ Well Spring Other _____
EVALUATION METHOD: Ξ Auger Boring Pit Cut TYPE OF WASTEWATER: Ξ Sewage Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LS 8%	0-30	R C SBK	FR SS SP	N/A	40"	F-C SAP	N/A	PS 0.3
		30-40	R CL WSBK	FR SS SP					
		40"	AR						
2	LS 8%	0-8	FILL		N/A	48"	N/A	N/A	PS 0.3
		8-30	R C SBK	FR SS SP					
		30-48	R CL WSBK	FR SS SP					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	EXISTING	LIMITED
System Type(s)	BED	
Site LTAR	N/A	N/A

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): ____PS_____
EVALUATED BY: ____M A & A_____
OTHER(S) PRESENT: _____

COMMENTS:_____