

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

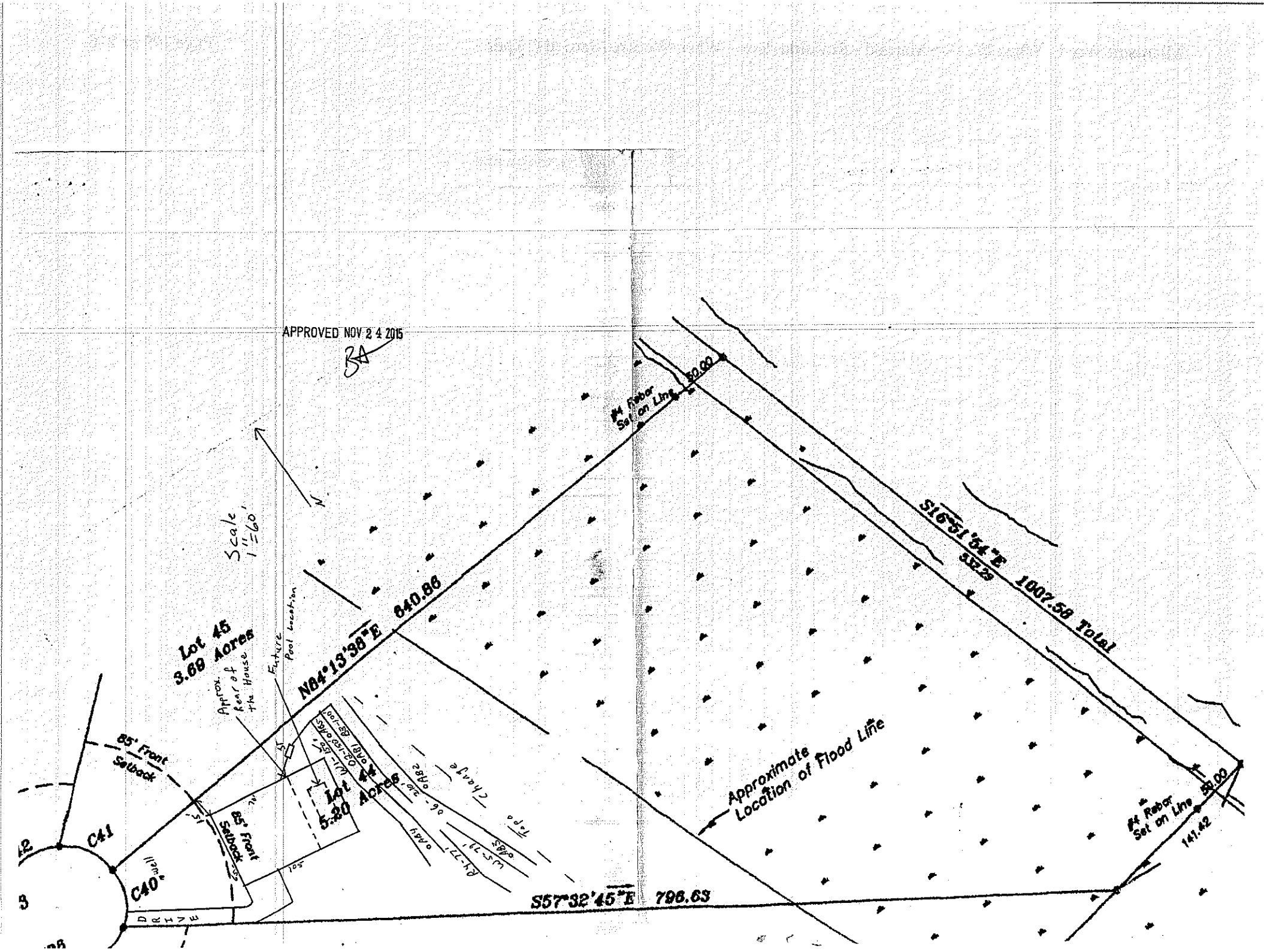
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Reference: Data Sheet for 122 Walnut Hill Ct. Walden Ridge Lot 44
House Footprint: See attached
Building Setbacks: 85' front, 15' side, 35' rear
Water Source: Private well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Gravity-End cap/Drop boxes
Septic Tank Size: 1000 gallons
Proposed Trench Bottom: 36" maximum

Line	Design Length	Actual Length
White 1	**150'**	**181'**
Orange 2	**150'**	**182'**
Blue 3	**100'**	**105'**
Red 4		77'
White 5		79'
Orange 6		210'

Initial System: 400' **Repair System:** 366'

Comments:
The box staked in blue represents the house and area reserved for a pool and undisturbed yard. The actual house is approximately 70' deep. The box area is 65' x 105'.


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Scale 1"=60'
N
Lot 45
3.69 Acres
Approx. Rear of the House
Future Pool location
N84°13'38"E 840.86
#4 Rebar Set on Line
50.00
S16°51'54"E 532.29
1007.58 Total
Approximate Location of Flood Line
85' Front Setback
85' Front Setback
Lot 44
5.20 Acres
C41
C40°
DRIVE
S57°32'45"E 796.63
#4 Rebar Set on Line
50.00
141.42

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

APPROVED NOV 2 4 2015

PROPERTY ID #: 4676728591_
COUNTY: Iredell_____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _Nathan Marion_____ APPLICATION DATE_____
ADDRESS: 17932 River Ford Dr. Davidson, NC 28036_____ DATE EVALUATED: _____
PROPOSED FACILITY: _4 bdrm_____ PROPOSED DESIGN FLOW (.1949): _480 GPD_____ PROPERTY SIZE: __5.20 AC_____
LOCATION OF SITE: 122 Walnut Hill CT, Walden Ridge Lot 44_____ PROPERTY RECORDED: _12/9/2005_____
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 25%	0-38	R C SBK	FR SS SP	N/A	48"	N/A	N/A	PS 0.3
		38-48	R CL WSBK	FR SS SP					
2	LS 25%	0-34	R C SBK	FR SS SP	N/A	48"	N/A	N/A	PS 0.3
		34-48	R CL WSBK	FR SS SP					
3	LS 20%	0-36	R C SBK	FR SS SP	N/A	48"	N/A	N/A	PS 0.3
		36-48	R CL WSBK	FR SS SP					
4	LS 18%	0-3	Br CL WSBK	FR SS SP	N/A	48"		N/A	PS 0.3
		3-28	R C SBK	FR SS SP					
		28-48	R CL WSBK	FR SS SP			F-C SAP @ 46"		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	1200 FT2	1098 FT2
System Type(s)	25% Reduction	PPBPS
Site LTAR	0.3	0.3

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

COMMENTS:_____

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

APPROVED NOV 2 4 2015
RA

PROPERTY ID #: _4676728591_
DATE OF EVALUATION: __________
COUNTY: _IREDELL____

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	
5	LS 25%	0-4	Br CL WSBK	FR SS SP	N/A	48"		N/A	PS 0.3
		4-33	R C SBK	FR SS SP					
		33-48	R CL WSBK	FR SS SP			F-C SAP		

COMMENTS: