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

Sheet ___ of ___
PROPERTY ID #:
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Niblock Development Corp
ADDRESS: 300 McGill Ave NW Concord NC 28027
APPLICATION DATE: 4/3/08
DATE EVALUATED: 3/08
PROPOSED FACILITY: 5BR
PROPOSED DESIGN FLOW (.1949): 600gpd
PROPERTY SIZE: 2.33 ac.
LOCATION OF SITE: Shearers Rd S, Lt on Amston Way Rt on Burnett PP Hse
PROPERTY RECORDED:
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☒ Other Walking Horse
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	P 144A L/6-10%	0-15	RCwmAbk/sbk	FrSSSP SEXP	-fsap	37	PS	—	PS 0.25-0.275
		15-37	RYscl wfsbk	FrSSSP SEXP	-csap				
		37-60	verygslmass	v v v v	-f. cl. incl.				
2	P144B L/6-10%	0-17	Bsl gr	FrSSSP SEXP		44	PS	—	PS 0.275-0.25
		17-30	RBC mcsbk	FS PSEXP	-fscap				
		30-44	RYscl mvsbk	FrSSSP SEXP	-mscap				
		44-62	very sl mass	v v v v	-f.c. incl.				
3	P144C L/6-10%	0-29	RBCmf Abk/sbk	FrSSSP SEXP	-fsap	70	—	—	PS 0.275
		29-70	RYclmvsbk	FrSSSP SEXP	-mscap				
4	P144D L/6-10%	0-12	Bcl wsbk	FrSSSP SEXP		62	—	—	PS 0.25-0.275
		12-40	RCmfAbk/sbk	FrSSSP SEXP	-fsap				
		40-62	RYclmvsbk	FrSSSP SEXP	-mscap				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	0.25	0.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Rollins Soil & Envir. Svcs.
OTHER(S) PRESENT:

COMMENTS:

SOIL/SITE EVALUATION

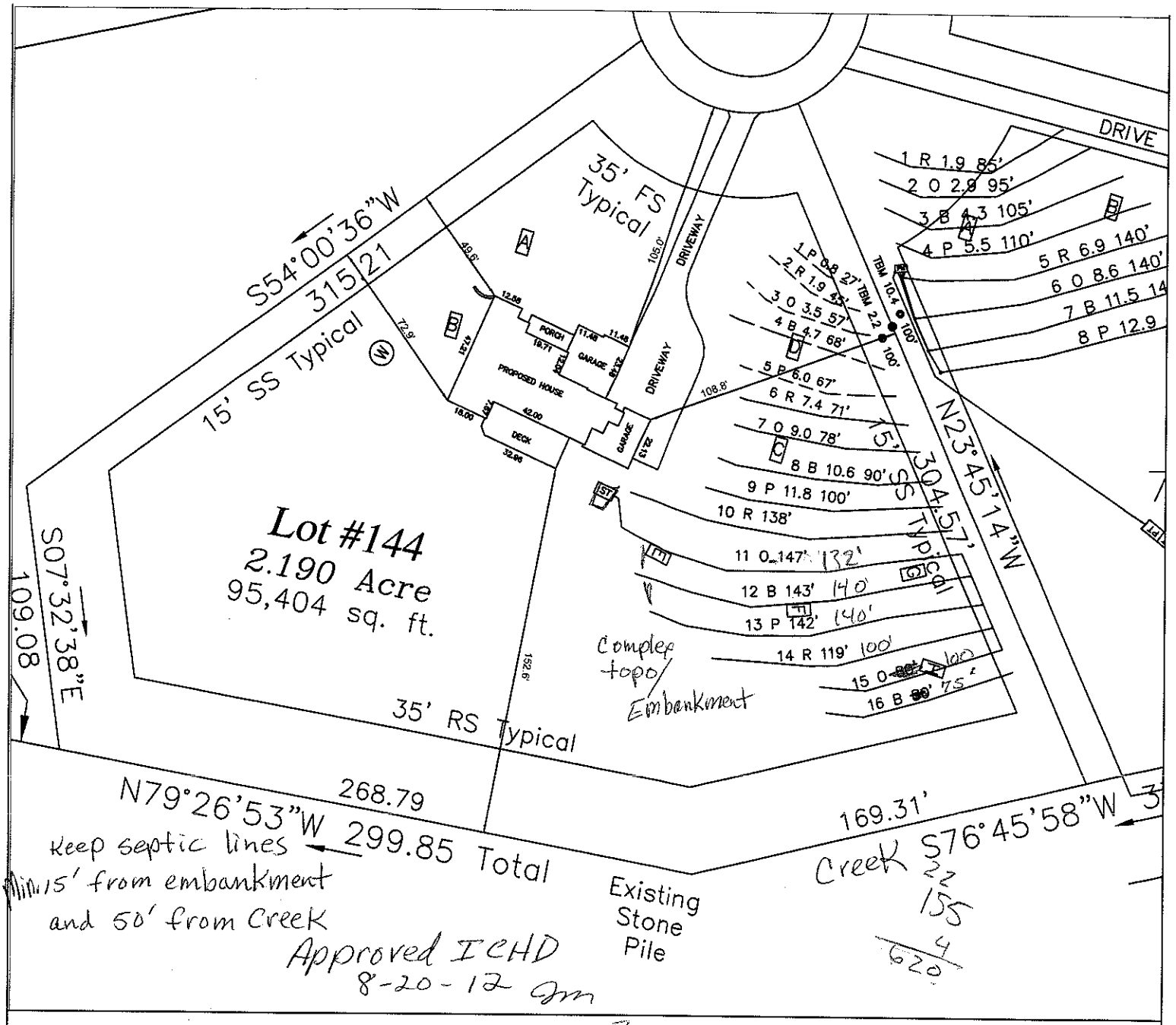
(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #:
DATE OF EVALUATION: 8/2/12
COUNTY: Iredell

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
PE	7%	0-4	Br. L. Gr.	Fr SS Sp SEXP		44"	—	—	PS .25-.275
		4-9	Br. Cl. Wfsbk	Fr SS SP SEXP					
		9-36	Rd Cl. Mmsbk/Absk	F SS SP SEXP	-F. SAP				
		36-44	Rd. Cl. Wmsbk	Fr SS SP SEXP	-C. SAP Inclus.				
		44-70	VAR L. MASS	Fr SS Sp SEXP	-F. to C. Clay Veins.				
PF	8%	0-8	Br. Cl. Wmsbk	Fr SS SP SEXP		36"	—	—	PS .25
		8-26	Rd Cl. Wmsbk/Absk	F SS SP SEXP	-F. SAP -F. Weathered Rock Veins				
		26-36	R Cl. wfsbk	F SS SP SEXP	-C. SAP/Weathered Rock				
		36-70	VAR. L. MASS	Fr SS SP SEXP	-F. to C. Clay Veins -F. to C. Weathered Rock Veins				
PG	12%	0-9	B. Cl. Wmsbk	Fr SS SP SEXP		40"	—	—	PS .275-.3
		9-30	Rd. Cl. Wmsbk/Absk	Fr SS SP SEXP	-F. SAP				
		30-40	RY. Cl. wfsbk	Fr SS SP SEXP	-C. SAP				
		40-77	VAR L. MASS	Fr SS SP SEXP					
PH	15%	0-9	B. Cl. Wmsbk	Fr. SS SP SEXP		40"	—	—	PS .25
		9-30	R. Cl. Wmsbk/sbk	F SS SP SEXP	-F. SAP				
		30-40	Ry Cl. L. Wmsbk/Absk	F SS SP SEXP	-C. SAP, VF Weathered Rock Inclusions				
		40-66	VAR L.	Fr. SS SP SEXP					

COMMENTS: Approved ICHD 8-20-12 jm



LEGEND

- Areas contain soils with 24 inches or more of useable material and have potential for conventional, modified conventional and low-pressure pipe (lpp) septic systems.
- House Footprint
- System lines.
- Repair lines.
- Temporary Bench Mark (TBM)
- Well Location. (25) Pit Location.

GRAPHIC SCALE
1" = 60'

60 0 60 120

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES. THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

PLEASE REFER TO ATTACHED SOIL REPORT FOR ADDITIONAL SITE SPECIFIC INFORMATION

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ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746 - 5046
EMAIL: rollans.ashley@yahoo.com

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: STEPHEN TENNELL / ANNISTON SUBDIVISION LOT# 144

LOCATION/DATE: SHEARER CHAPEL ROAD IREDELL COUNTY, NORTH CAROLINA AUGUST 2012

JOB # :	01-1721
FILE:	C:\JOBS\01-1721
PROJECT MGR.:	S.A.R.
FIELD WORK:	S.A.R.
DRAWN BY:	S.A.R.