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: __NexHomes Bradford Lee_____ APPLICATION DATE_____
ADDRESS:__PO Box 4390 Mooresville, NC 28117_____ DATE EVALUATED: _____
PROPOSED FACILITY: __5 bedroom home PROPOSED DESIGN FLOW (.1949): 500Gal/day PROPERTY SIZE: ____~5 AC_____
LOCATION OF SITE: ____135 Teague Dr._____ 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L 13%	0-1	WFGR SCL	NS NP FR NEXP	> 44"	>44"	NA	PS	PS 0.31
		1-22	MMSBK C	SS SP FR SEXP					
		22-28	MFSBK CL	SS SP FR SEXP					
		28-44+	WFSBK CL	SS SP FR					
2	L 13%	0-2	WFGR SCL	NS NP FR NEXP	> 44"	>44"	NA	PS	PS 0.31
		2-44+	MMSBK C	SS SP FR SEXP					
3	L 13%	0-5	WFGR SCL	NS NP FR NEXP	>46"	>46"	NA	PS	PS 0.31
		5-34	MMSBK C	SS SP FR SEXP					
		34-46+	MFSBK C	SS SP FR SEXP					
4	L 11%	0-4	WFGR SCL	NS NP FR NEXP	>43	>43	NA	PS	PS 0.31
		4-23	MMSBK C	SS SP FR SEXP					
		23-35	MFSBK C	SS SP FR SEXP					
		35-43+	MFSBK CL	SS SP FR SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	324 LF	326 LF
System Type(s)	PPBPS	PPBPS
Site LTAR	0.31	0.31

OTHER FACTORS (.1946): __PS_____
SITE CLASSIFICATION (.1948): __PS_____
EVALUATED BY: _____EB_____
OTHER(S) PRESENT: _____WO
ZH_____

COMMENTS:

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: __NexHomes Bradford Lee_____ APPLICATION DATE_____
ADDRESS:__PO Box 4390 Mooresville, NC 28117_____ DATE EVALUATED: _____
PROPOSED FACILITY: __Detached building with bath 2 bedroom design PROPERTY SIZE: ____~5 AC_____
LOCATION OF SITE: ____135 Teague Dr._____ PROPERTY RECORDED: _____
WATER SUPPLY: Private Public ΞWell Spring Other _____
EVALUATION METHOD: ΞAuger Boring Pit Cut TYPE OF WASTEWATER: ΞSewage 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	L 9%	0-6	WFGR SCL	NS NP FR NEXP	> 42"	>42"	NA	PS	PS 0.31
		6-15	MFSBK C	SS SP FR SEXP					
		15-42+	MMSBK C	SS SP FR SEXP					
2	L 9%	0-5	WFGR SL	NS NP FR NEXP	> 42"	>42"	NA	PS	PS 0.31
		5-31	MFSBK C	SS SP FR SEXP					
		31-42+	WMSBK CL	SS SP FR SEXP					
3	L 9%	0-4	WFGR SCL	NS NP FR NEXP	>46"	>46"	NA	PS	PS 0.31
		4-34	MMSBK C	SS SP FR SEXP					
		33-46+	MFSBK C	SS SP FR SEXP					
4	L 9%	0-3	WFGR SCL	NS NP FR NEXP	>45	>45	NA	PS	PS 0.31
		3-19	WFSBK SCL	SS SP FR SEXP					
		19-29	MFSBK SC	SS SP FR SEXP					
		29-45+	MMSBK C	SS SP FR SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	140 LF	163 LF
System Type(s)	PPBPS	PPBPS
Site LTAR	0.31	0.31

OTHER FACTORS (.1946): ___PS_____
SITE CLASSIFICATION (.1948): __PS_____
EVALUATED BY: _____EB_____
OTHER(S) PRESENT: _____WO
ZH_____

COMMENTS:_____

NOT A SURVEY

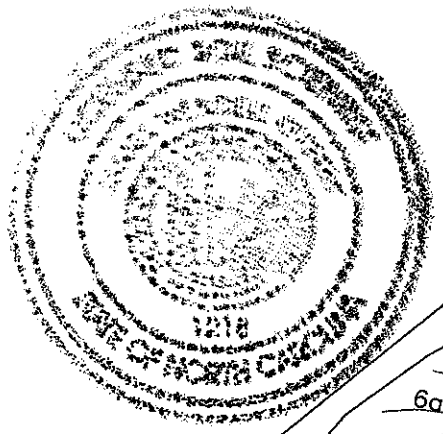
Repair Lines Dashed

INSET DRAWING

**SUITABLE FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE 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 TOPOGRAPHIC IRREGULARITIES.
THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS. SOME OTHER CONSIDERATIONS THAT AFFECT SITE SUITABILITY THAT SHOULD BE CONSIDERED IN DEVELOPMENT DESIGN ARE:

1) 10' SETBACK FROM PROPERTY LINE
2) 100' SETBACK FROM ANY WELL
3) 50' SETBACK FROM STREAMS, PONDS OR LAKES.

See accompanying S&EC report.



PROJECT NO.	5-1795
PROJECT MGR.	WO
DRAWN BY	EB
FIELD WORK	WO EB ZH
SCALE	1" = 40'
FILE	Y: Jobs\5-1795

Soil & Environmental Consultants, PA

238 LeMay Ct., Ste. • Concord, North Carolina 28025 • Phone (704)720-4405 • Fax (704) 720-4406

S&EC

PROJECT NAME: Teague Dr.
Residential Lot
- Teague Drive-
IREDELL COUNTY, NORTH CAROLINA
AUG 2016

Post Trench
Sketch Insp

SHEET TITLE:

SHEET 1 OF 1