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

Sheet 1 of ___
PROPERTY ID #: ___
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Pine Crest Land Dev. APPLICATION DATE ___
ADDRESS: 191 Clearview Rd Statesville NC 28625 DATE EVALUATED: ___
PROPOSED FACILITY: Rx S PROPOSED DESIGN FLOW (.1949): 360 gpd PROPERTY SIZE: .659 ac
LOCATION OF SITE: Pinecrest Estates lot 1 PROPERTY RECORDED: Y
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)		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	
A1	5-8%	0-20	RC SBK	fri SSSP Scrp	–	48	–	–	.3 gpd/ft²
		20-48	RCL WSBK	fri SSSP Scrp					
				SAP Incl.					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	480 sq ft	1050 Sq ft
System Type(s)	PPBP S	LP Accepted
Site LTAR	.25 gpd/ft²	.25 gpd/ft²

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Rollins Soil & Environmental Services
OTHER(S) PRESENT: ___

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

:PARTMENT OF ENVIRONMENT
ID NATURAL RESOURCES
VISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: _____
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
#36	LS 5%	0-30	R Bn WSBk C	Fri SS/P (SExP)	~	30"	30-54"	30"	PS-30 0.25
		30-54	Variegated SL SAP	Fi SS SP SExP					
			Mono.						
#37		0-36	Red Br SBk/MASS C	Fri SS P (SExP)	Common Rock Wins	36"	PS	—	PS .25
		36-48	Variegated SL SAP	Fri NS/NP (NExP)					
			Mono						
#38		0-48	Bn R WSBk Cla	Fri SS/P (SExP)	~	58"	—	—	PS. .3
		48-58	R WSBk Clay	Fri SS/SP (SExP)					

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

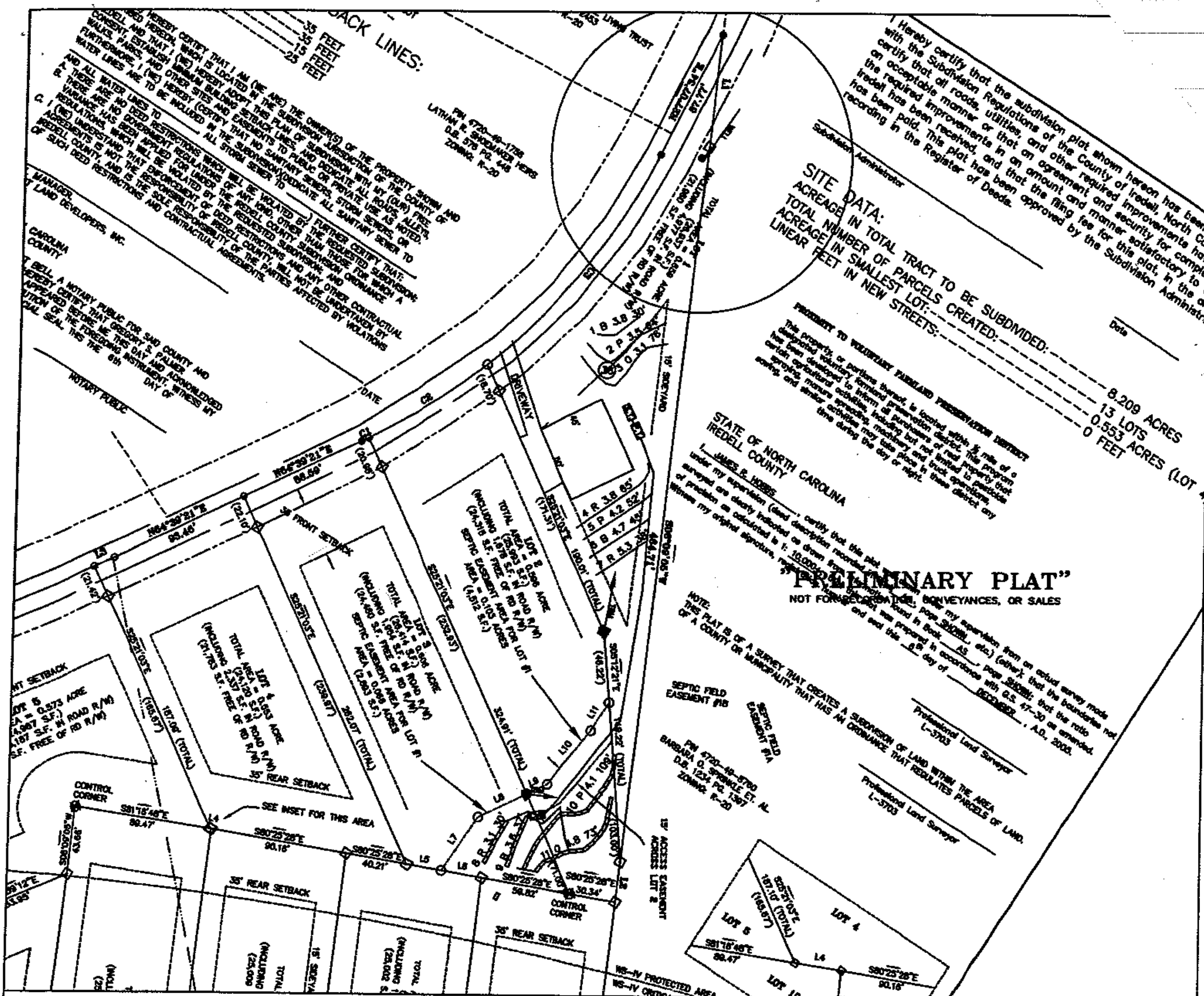
Sheet 1 of 8

EPARTMENT OF ENVIRONMENT
ND NATURAL RESOURCES
VISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #:
DATE OF EVALUATION:
COUNTY: TRD

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
# 31	LS 5%	0-8	Br. WSBK SCL	Fri SS/SP (SEXP)	Y-IBs + Chr. 3	60"	V. Common SAP Incl	–	PS .225
		8-36	Br.R. ABK Clay	Fri S/P (SEXP)					
		36-60	R. WSBK CL	Fri SS/SP (SEXP)					
			TB @ 36" or greater						
# 32	LS 7%	0-55	Red. Br. SBK Clay	Fri SS/P (SEXP)	—	55"	Common Rock + SAP Incl.	–	PS .25
# 33	LS 5%	0-29	R.Br. ABK Clay	Fri S/P (SEXP)	Few Y-IBs	51"	Few SAP Incl.	–	PS .275
		29-51	R. WSBK CL	Fri SS/SP (SEXP)					
# 34	LS 6%	0-7	Br. GR. SL	Fri WS/NP (WEXP)	—	57"	Common SAP Incl.	–	PS .3
		7-33	Br.R. ABK/SBK Clay	Fri S/P (SEXP)					
		33-57	R. WSBK CL	Fri SS/SP (SEXP)					
# 35	LS 6%	0-33	Br.R. SBK/ABK C	Fri SS/P (SEXP)	—	33"	Quartz Incl.	–	PS .25
		33+	>50% Rock						
			Twistall 18-21" TB.						

COMMENTS:



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.
☐	Unsuitable areas.
—	System lines.
----	Repair lines.
▲	Temporary Bench Mark (TBM)
●	Well Location.

GRAPHIC SCALE
1" = 100'

100 0 100 200

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

ROLLANS SOIL & ENVIRONMENTAL SERVICES
2120 GRAHAM ROAD
MOUNT ULLA, NC 28125
PHONE/FAX: (704) 278-0989
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746-5046
EMAIL: ROLLANSFORTCJ@AOL.COM

MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: RIDGELINE DEVELOPMENT CORP. / ANNISTON PHASE II

LOCATION/DATE: SHEARER CHAPEL ROAD, IREDELL COUNTY, NORTH CAROLINA, AUGUST 2005

JOB # :	01-1005
FILE:	C:\JOBS\01-1005
PROJECT MGR.:	S.A.R.
FIELD WORK:	S.A.R.
DRAWN BY:	S.A.R.