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

APPROVED MAR 19 2015 BA

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____
ADDRESS: _____ APPLICATION DATE _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 480 DATE EVALUATED: 1/17/08
LOCATION OF SITE: Bell's Crossing Lot 106 PROPERTY SIZE: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____ PROPERTY RECORDED: _____
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE NUMBER	.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
B 1 2	NS ≈15-20%	0-18	msbk C	Pr 555p	Many Sap				PS .3
		18-37	wsbk CL	Pr 555p					
		37-42	Mass L Sap	vPr ns np					
		42-60	Mass SLSap	vPr ns np					
D 2	55	0-36	msbk C	Pr 555p	Few Sap	many mn ca			PS .3
		36-60	wsbk CL	Pr 555p					
3									
4									

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

OTHER FACTORS (.1946): House pad must be built up enough for gravity system
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

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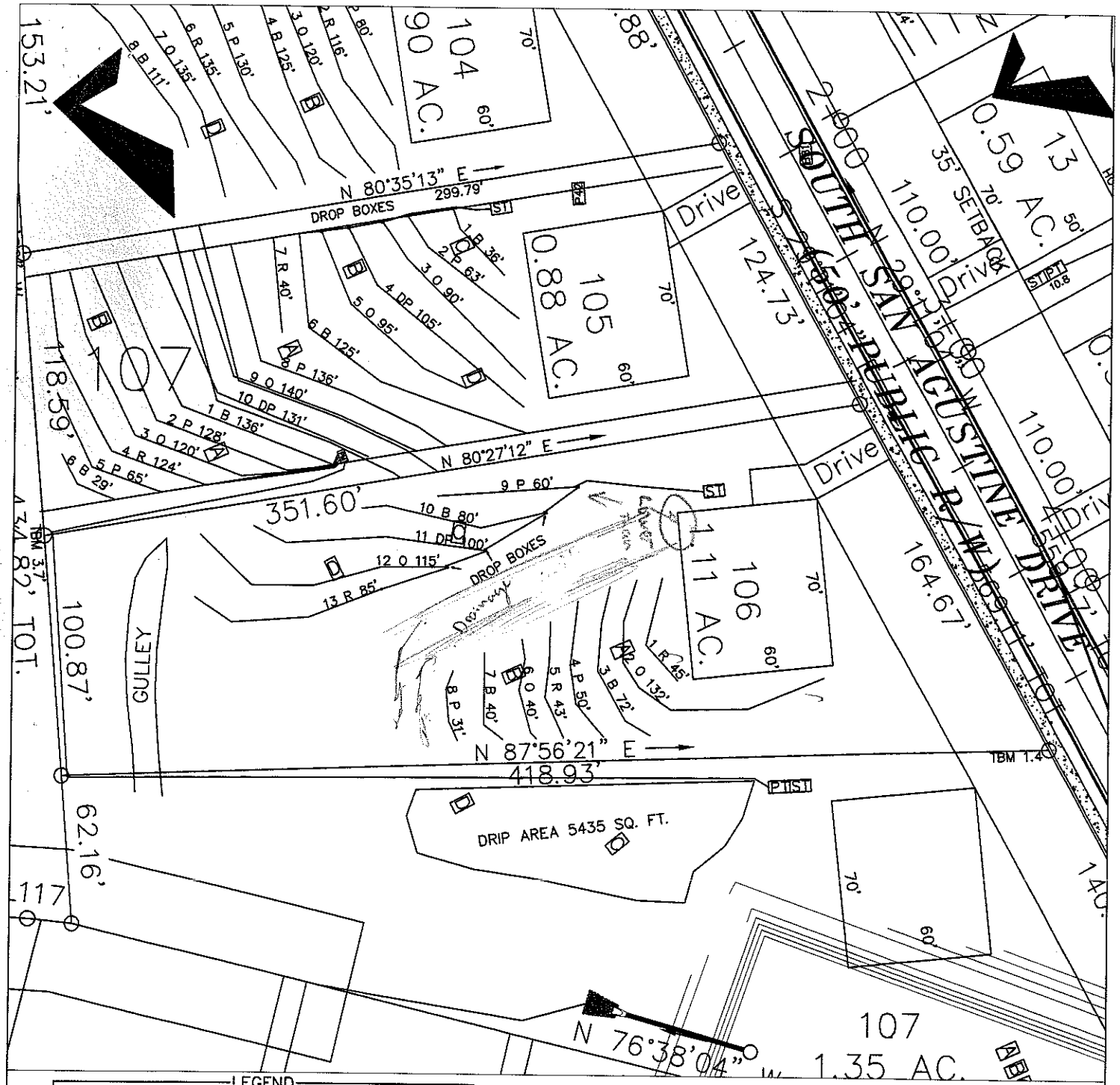
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Bells Crossing Lot 106

PROPERTY ID #: _____
DATE OF EVALUATION: _____
COUNTY: _____

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 106 A	NS 10-15%	0-12	R C MFSBK	SS, SP, Fr SE-P	— many sap	32"	PS	—	PS .35-.4
		12-32	RY CL WFSBK	SS, SP, Fr SE-P					
		32-64	Var SL Sap Mass	SS, NP, Fr SE-P					
P 106 B	NS 10-15%	0-13	RC MF SBK	fr SSSP Sap-P	— many SAP	36	PS	—	PS .35
		13-36	R CL W SBK	fr SSSP Sap-P					
		36-60	SL SAP M	fr SSSP Sap-P					
P 106 D	SS 15-20%	0-4	B SCL Gr	SS, SP, Fr SE-P	— few ca sap	63"	—	—	PS .3
		4-31	RL MFSBK	SS, SP, Fr SE-P					
		31-63	R CL WFSBK	SS, SP, Fr SE-P					
		0-27	RC MF SBK	fr SSSP Sap-P	— many SAP	67	—	—	PS .3
		27-67	R CL W SBK	fr SSSP Sap-P					
	D B C A								

COMMENTS: _____



LEGEND

House Box.

System lines.

Repair lines.

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

ROLLANS SOIL & ENVIRONMENTAL SERVICES

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MAP TITLE: SITE PLAN & DRAINFIELD AREAS

PROJECT NAME: BELLS CROSSING, LLC / BELLS CROSSING

LOCATION/DATE: PERTH RD IREDELL COUNTY, NORTH CAROLINA NOV 2008

JOB # : 01-1429
FILE: C:\JOBS\01-1429
PROJECT MGR.: C.B.F.
FIELD WORK: C.B.F., A.L.P. & M.D.B.
DRAWN BY: C.B.F. & M.D.B.