

Scale
1" = 40'

Approved 12-30-11
ICHD qm

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

Sheet ____ *of* ____
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICATION DATE_____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: 3 bedroom_____PROPOSED DESIGN FLOW (.1949): _360 gpd_____ PROPERTY SIZE: ____0.54 ac_____
LOCATION OF SITE: __Wheatfield Lot 88_____ 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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAP CLASS	.1944 RESTR HORIZ	
AB 1	LS 3%	0-8	Br SCL WSBK	Fr SS SP	Few mottles -------	48"			PS 0.275-0.3
		8-27	R C SBK	Fr SS SP					
		27-48	R CL WSBK	Fr SS SP					
AB 2	LS 3%	0-6	Br SCL WSBK	Fr SS SP	Few mottles -------	48"			PS 0.275-0.3
		6-30	R C SBK	Fr SS SP					
		30-48	R CL WSBK	Fr SS SP					
AB 3	LS 3%	0-6	Br SCL WSBK	Fr SS SP	Few mottles -------	48"			PS 0.275-0.3
		6-26	R C SBK	Fr SS SP					
		26-48	R CL WSBK	Fr SS SP					
AB 4	LS 3%	0-5	Br SCL WSBK	Fr SS SP	Few mottles ----	48"			PS 0.275-0.3
		5-26	R C SBK	Fr SS SP					
		26-48	R CL WSBK	Fr SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	984 FT2	984 FT2
System Type(s)	25% Reduction	25% Reduction
Site LTAR	0.275	0.275

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _Michael Athanas & Assoc., Inc._____
OTHER(S) PRESENT: _____
Approved JCHD 12-30-11 jm

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: Corinthian Builders _____ APPLICATION
DATE 12/12/2007
ADDRESS: Oswalt Amity Rd.
PROPOSED FACILITY: 3 bedroom Home PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: Lot 88

DATE EVALUATED: 12/10/2007
PROPERTY SIZE: _____
PROPERTY RECORDED: _____

WATER SUPPLY: Private Public ΞWell Spring Other _____
EVALUATION METHOD: Auger Boring (X) 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 2-5%	0-7	W F GR/ SL	NS, NP,FR / NEXP	>68"	>68"	NA	S	PS .325
		7-45	W F SBK / C	SS, SP,FR/ SEXP					
		45-68	W F SBK/ CL	SS, SP, FR/ SEXP					
2	L 2-5% 1.90	0-10	WFGR / SL	NS NP FR / NEXP	>61	>61	NA	S	PS .325
		10-61	MMSBK / C	SS SP FI / SEXP					
3		0-8	WFGR SL	NS NP					3
		8-32	MMSBK C	SS SP SEXP					
		32-44	MSBK C	SS SP					
		44-53	WFSBK CL	SS SP					

LICENSED SOIL SCIENTIST JAMES R. WENDELL OLIVERBY 1218 STATE OF NORTH CAROLINA

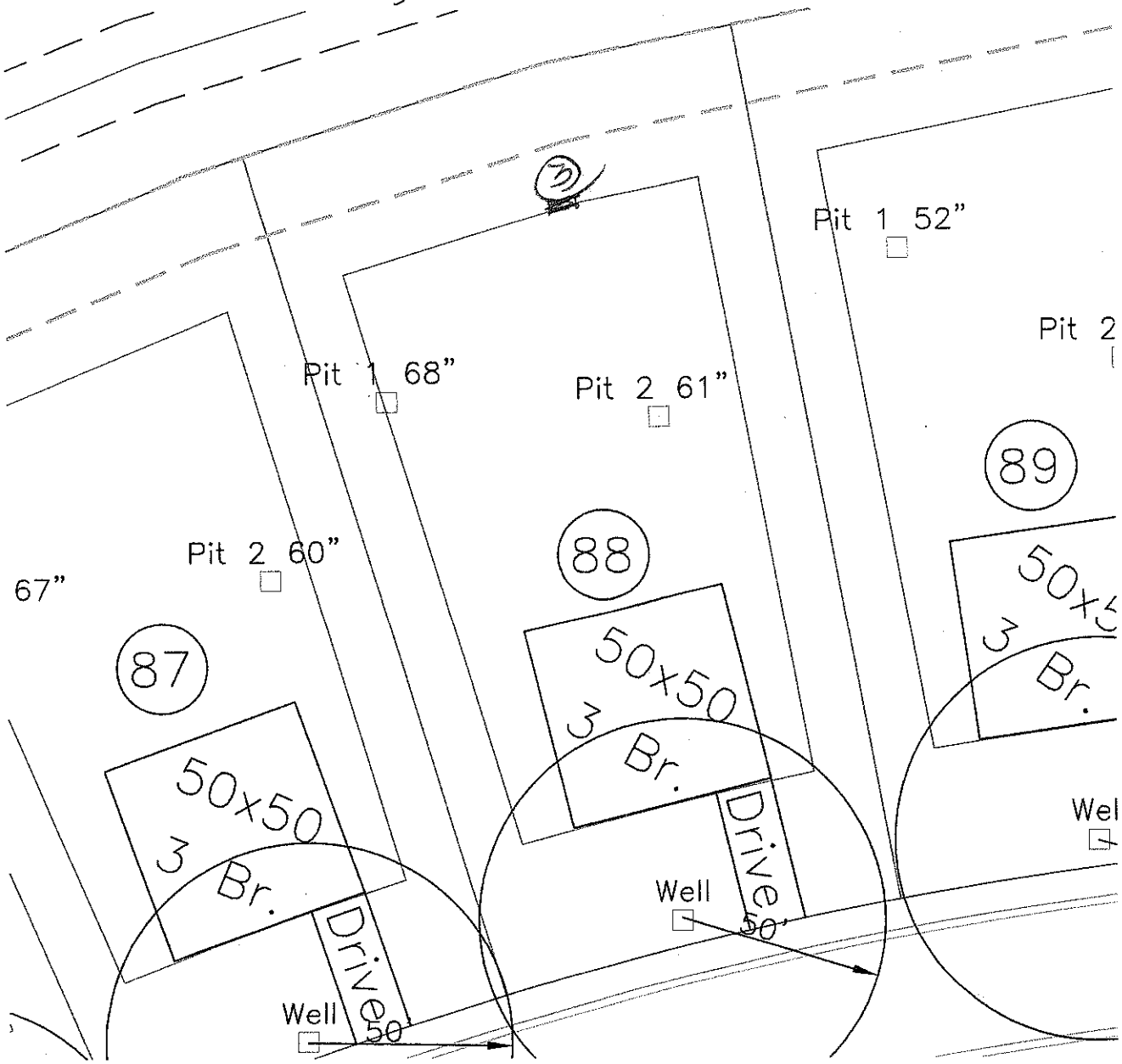
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR	0.325	0.325

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Fulton Bailey
OTHER(S) PRESENT: Approved ICHD

COMMENTS:

LEGEND
use the following standard abbreviations

Not A Survey



PROJECT NO.	#5-1862
PROJECT MGR.	BF
DRAWN BY	E.B.
FIELD WORK	E.B.
SCALE	1" = 40
FILE	Y:\jobs\5-1862

Soil & Environmental Consultants, PA
235 Loftin Court, Suite C • Concord, North Carolina 28025 • Phone (704)720-6405 • Fax (704) 720-6406

S&EC

Wheatfield lot 88 Corinthian Builders - Wheatfield lot 88 - REDELL COUNTY, NORTH CAROLINA DEC 2007

SHEET TITLE: Preliminary Site Plan SKETCH MAP

SHEET 1 OF 1

S&EC site plan permitted 2-5-08
.275 LTAR 25% reduction pump pm
Redrawn by M. Athanas 12-30-11