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_____
ADDRESS:_____OSWALT AMITY RD_____ DATE EVALUATED: 12/10/07_____
PROPOSED FACILITY: __ 3 Bedroom___ PROPOSED DESIGN FLOW (.1949): 360 gpd____ PROPERTY SIZE: _____
LOCATION OF SITE: LOT 72___ _____ PROPERTY RECORDED: _____
WATER SUPPLY: Private Public Ξ Well Spring Other _____
EVALUATION METHOD: (X) Auger Boring Ξ Pit Cut TYPE OF WASTEWATER: Ξ 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 2-5%	0-4	WFGR / SCL	NS NP FR / NEXP	>48	>48	PS	PS	PS .3
		4-29	MMSBK / C	SS SP FR / SEXP					
		29-35	MFSBK / CL	SS SP FR /SEXP					
		35-48+	WFSBK / CL	SS SP FR/SEXP					
2	L 2-5%	0-2	WFGR / SCL	NS NP FR / NEXP	>47	>47	PS	PS	PS .3
		2-34	MMSBK / C	SS SP FI / SEXP					
		34-47+	WFSBK / CL	SS SP FR SEXP					
3	L 2-5%	0-5	WFGR / SCL	NS NP FR / NEXP	>47	>47	PS	PS	Ps .3'
		5-27	MMSBK / C	SS SP FR / SEXP					
		27-47+	WFSBK / CL	SS SP FR SEXP					
4	L 2-5%	0-4	WFGR / SL	NS NP FR / NEXP	>65	>65	NA	PS	PS .3
		4-32	MMSBK / C	SS SP FI / SEXP					
		32-42	MFSBK / C	SS SP FI / SEXP					
		42-65+	WFSBK / CL	SS SP FR / SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	325 LF	232
System Type(s)	Innovative	PPBPS
Site LTAR	~~.5~~	~~.25~~

OTHER FACTORS (.1946): _____PS
SITE CLASSIFICATION (.1948): __PS
EVALUATED BY: _____FUULTON/BAILEY
OTHER(S) PRESENT: _____

LICENSED SOIL SCIENTIST JAMES WENDELL OVERBY STATE OF NORTH CAROLINA

COMMENTS:_____

Approved .275 Initial System .25 Repair
ICHD 5-19-11 gm

See soil notes 12-10-07 & soil ratings Michael Athanas & Assoc.

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ____ of ____

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

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

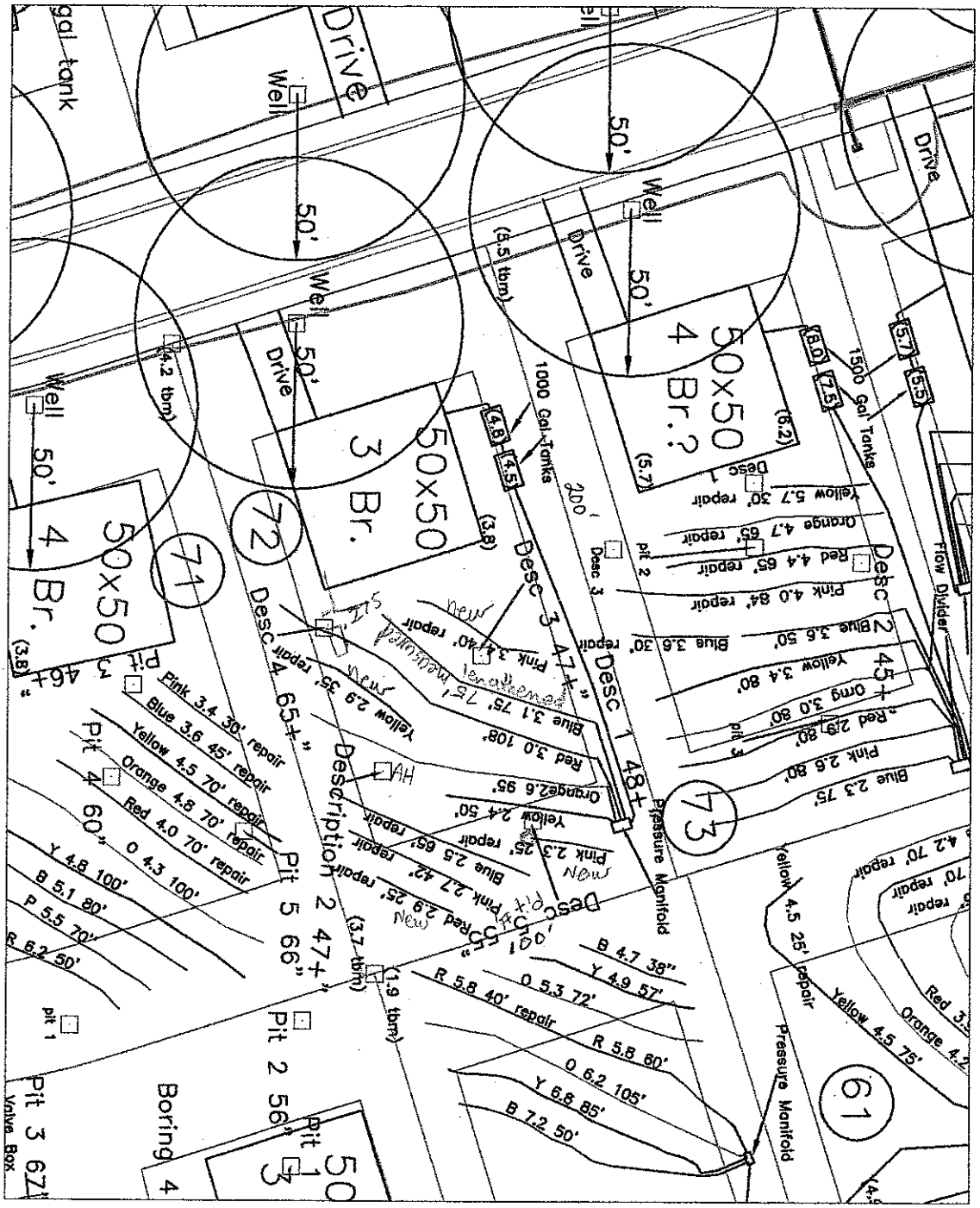
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
5	L 2-5%	0-5	WFGR / SL	NS NP FR / NEXP	>55	>55	NA	PS	PS .3
		5-30	MMSBK / C	SS SP FI / SEXP					
		30-44	MFSBK / C	SS SP FI / SEXP					
		44-55+	WFSBK / CL	SS SP FR / SEXP					

LICENSED SOIL SCIENTIST
JAMES WENDELL OVERBY
1218
STATE OF NORTH CAROLINA

COMMENTS: ____________

7

Changed from Panel to 25%



NOT A SURVEY

**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 BE 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.

OK @ .3

5-15-08 Amr

GRAPHIC SCALE
1" = 50'

50 0 50 100

VOID

SHEET 1 OF	SHEET TITLE: PRELIMINARY SITE PLAN SKETCH MAP	Wheatfield Corinthian Builders - Wheatfield lot 72 -	S&EC Soil & Environmental Consultants, PA 236 LaPalla Court, Suite C • Concord, North Carolina 28025 • Phone (704)720-8405 • Fax (704) 720-8406	PROJECT NO 45-1862 PROJECT MGR BF DRAWN BY B.B PREVIOUS WORK B.B SCALE 1"=50' FILE T:\Jobs\1862

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
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Sheet ____ *of* ____
PROPERTY ID #: _____
COUNTY: IREDELL

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for ON-SITE WASTEWATER SYSTEM

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ADDRESS:_____OSWALT AMITY RD_____ DATE EVALUATED: 12/10/07_____
PROPOSED FACILITY: __ 3 Bedroom___ PROPOSED DESIGN FLOW (.1949): 360 gpd____ PROPERTY SIZE: _____
LOCATION OF SITE: LOT 72___ _____ PROPERTY RECORDED: _____
WATER SUPPLY: Private Public ΞWell Spring Other _____
EVALUATION METHOD: Auger Boring ΞPit 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% AH 2/0	0-4	WFGR / SCL	NS NP FR / NEXP	>48	>48	PS	PS	PS .325
		4-29	MMSBK / C	SS SP FR / SEXP					
		29-35	MFSBK / CL	SS SP FR /SEXP					
		35-48+	WFSBK / CL	SS SP FR/SEXP					
2	L 2-5% AH	0-2	WFGR / SCL	NS NP FR / NEXP	>48	>48	PS	PS	PS .325
		2-34	MMSBK / C	SS SP FI / SEXP					
		34-48	WFSBK / CL	SS SP FR SEXP					
3	Pit Repair	0-12	compacted C		Red 4-6				.3 Brandon
		12-31	mo sbk C fr ss sp		Red				
		31-60	lok f sbk cl	fr ss sp	Red				
		60	+ sap						
4	Pit Repair	0-8	compacted C		Red/Bk				.275 Jud .3 Brandon
		8-28	mo sbk/sbk c	fr ss sp	f-c yel				
		28-38	wk sbk C	fr ss sp	Red 6/1 6/8				
		38-65	wk sbk cl	fr ss sp	Red				

LICENSED SOIL SCIENTIST WENDELL O'KELLEY 1216 STATE OF NORTH CAROLINA

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR	.325	.325

OTHER FACTORS (.1946): _____PS_____
SITE CLASSIFICATION (.1948): __PS_____
EVALUATED BY: _____FUULTON/BAILEY_____
OTHER(S) PRESENT: _____

COMMENTS:_____

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			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	L 2-5%	0-4	WFGR / SCL	NS NP FR / NEXP	>48	>48	PS	PS	PS .325
		4-29	MMSBK / C	SS SP FR / SEXP					
		29-35	MFSBK / CL	SS SP FR /SEXP					
		35-48+	WFSBK / CL	SS SP FR/SEXP					
2	L 2-5%	0-2	WFGR / SCL	NS NP FR / NEXP	>48	>48	PS	PS	PS .325
		2-34	MMSBK / C	SS SP FI / SEXP					
		34-48	WFSBK / CL	SS SP FR SEXP					
3	L 2-5%	0-5	WFGR / SCL	NS NP FR / NEXP	>47	>47	PS	PS	Ps .325
		5-27	MMSBK / C	SS SP FR / SEXP					
		27-47+	WFSBK / CL	SS SP FR SEXP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR	.325	.325

OTHER FACTORS (.1946): _____PS_____
SITE CLASSIFICATION (.1948): __PS_____
EVALUATED BY: _____FUULTON/BAILEY_____
OTHER(S) PRESENT: _____

COMMENTS:_____