Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 OF 2
Property ID: 4636-34-9329
Lot #: 221
File #: 170419
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: DAVID WERNER
Applicant: MADISON HOME BUILDERS
Address: PO BOX 4930 MOORESVILLE, NC 28117
Date Evaluated: 2/17/2012
Proposed Facility: SFR Design Flow (.1949) 360
Property Size: 1.22 AC
Location of Site: FAIRWAY ESTATES LOT 221
Property Recorded: YES
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [X] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
AB 1	4% LINEAR	1-32	SCL,M,SBK	SS,VFR	NA	32"	S	48+	.3
		32-48	LSAP,MASS	SS,VFR					
PIT 2	4% LINEAR	1-32	SCL,M,SBK	SS,VFR	NA	32"	S	55+	.3
		32-55	SLSAP,MASS	SS,VFR					
PIT 3	4% LINEAR	0-10	FILL		NA	28"	S	52+	.3
		10-17	SCL,M,SBK	SS,VFR					
		17-27	C,M,SBK	SS,FR					
		27-38	CL,W,SBK	SS,VFR					
		38-52	LSAP,MASS	SS,VFR					
PIT 4	5% LINEAR	0-21	FILL		NA	23"	S	58+	.3
		21-44	SCL,M,SBK	SS,VFR					
		44-58	LSAP,MASS	SS,VFR					

Description	Initial System	Repair System
Available Space (.1945)	S	S
System Type(s)	G-25%	G 25%
Site LTAR	.3	.3

Other Factors (.1946):
Soil Evaluation By: BEN ALDRIDGE
Others Present: NONE
Site Classification (.1948):
Site Evaluation By: BEN ALDRIDGE
Others Present: NONE

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SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

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 (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
PIT 5	5% LINEAR	0-6	FILL		NA	10"	S	52+	.3
		6-16	SCL,W,SBK	SS,VFR					
		16-52	SLSAP,MASS	SS,VFR					

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

Sheet 1 *of* ____
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

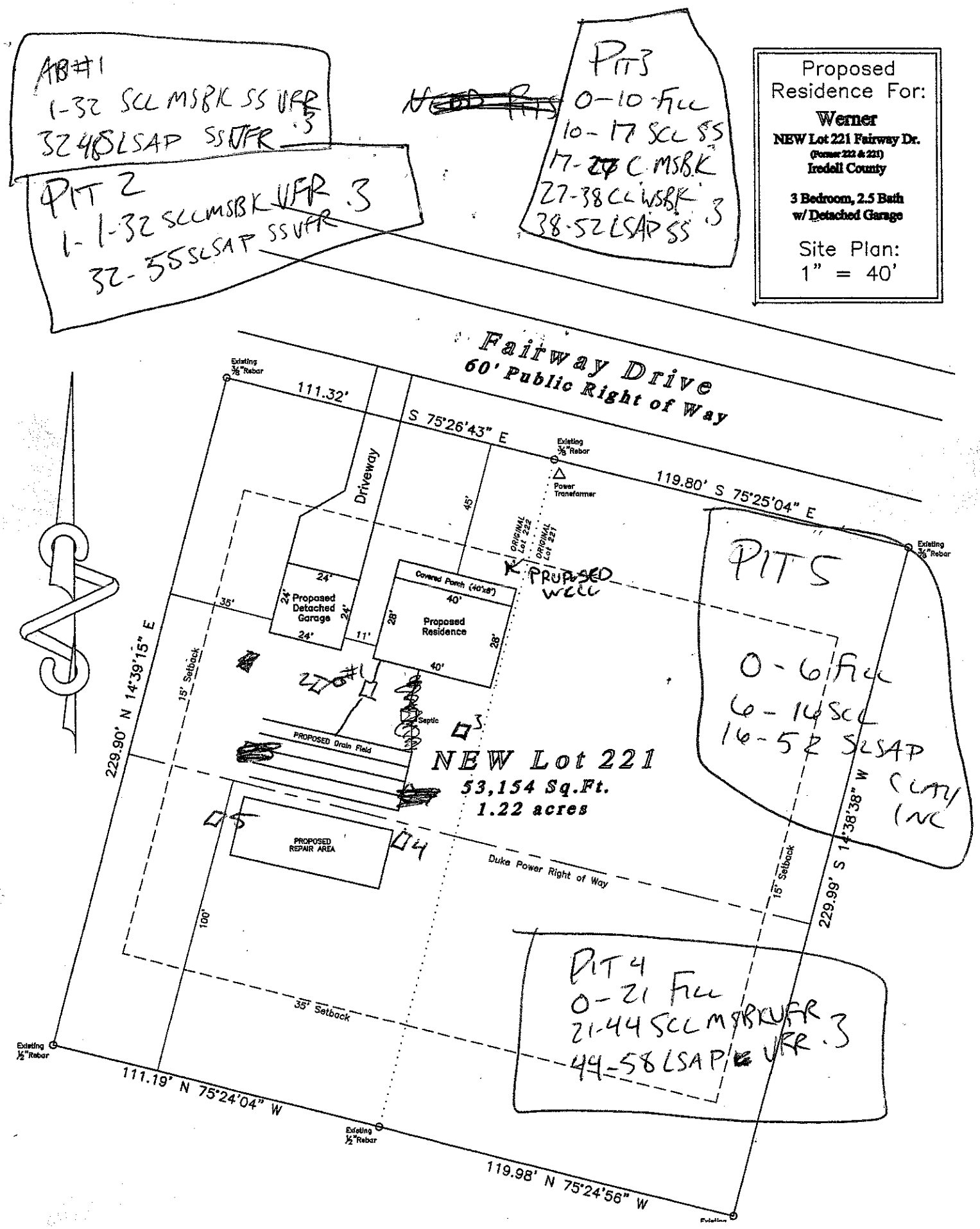
OWNER: Sheen _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ 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 SAPRO CLASS	.1944 RESTR HORIZ	
1		0-6	BSkl vfr	fri SSSPSmp					, 3
		6-28	RCl SCL	fri SSSPSmp					
		28-48	RCl mPSCL	fri SSSPSmp					
2		0-4	BSkl vfr	fri SSSPSmp					3
		4-24	RCSCL	fri SSSPSmp					
		24-48	RCl mPSCL	fri SSSP					
3									
4									

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS:


AB#1
1-32 SCL MSBK SS UFR 3
32-48 LSAP SS UFR
PIT 2
1-1-32 SCL MSBK UFR 3
32-55 SCL SAP SS UFR
PIT 3
0-10 FILL
10-17 SCL SS
17-27 C MSBK
27-38 CL WSBK 3
38-52 LSAP SS
Proposed Residence For:
Werner
NEW Lot 221 Fairway Dr.
(Former 222 & 221)
Iredell County
3 Bedroom, 2.5 Bath
w/ Detached Garage
Site Plan:
1" = 40'
Fairway Drive
60' Public Right of Way
Existing ⅝"Rebar
111.32'
S 75°26'43" E
119.80' S 75°25'04" E
Power Transformer
Driveway
45'
ORIGINAL Lot 222
ORIGINAL Lot 221
PROPOSED WELL
Covered Porch (40'x8')
Proposed Detached Garage
Proposed Residence
24'
28'
40'
35'
11'
15' Setback
229.90' N 14°39'15" E
Septic
PROPOSED Drain Field
NEW Lot 221
53,154 Sq.Ft.
1.22 acres
PROPOSED REPAIR AREA
Duke Power Right of Way
100'
35' Setback
229.99' S 14°38'38" W
PIT 5
0-6 FILL
6-14 SCL
16-52 SCL SAP
CLAY INC
PIT 4
0-21 FILL
21-44 SCL MSBK UFR 3
44-58 LSAP UFR
Existing ½"Rebar
111.19' N 75°24'04" W
119.98' N 75°24'56" W