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

PROPERTY ID #: _____
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

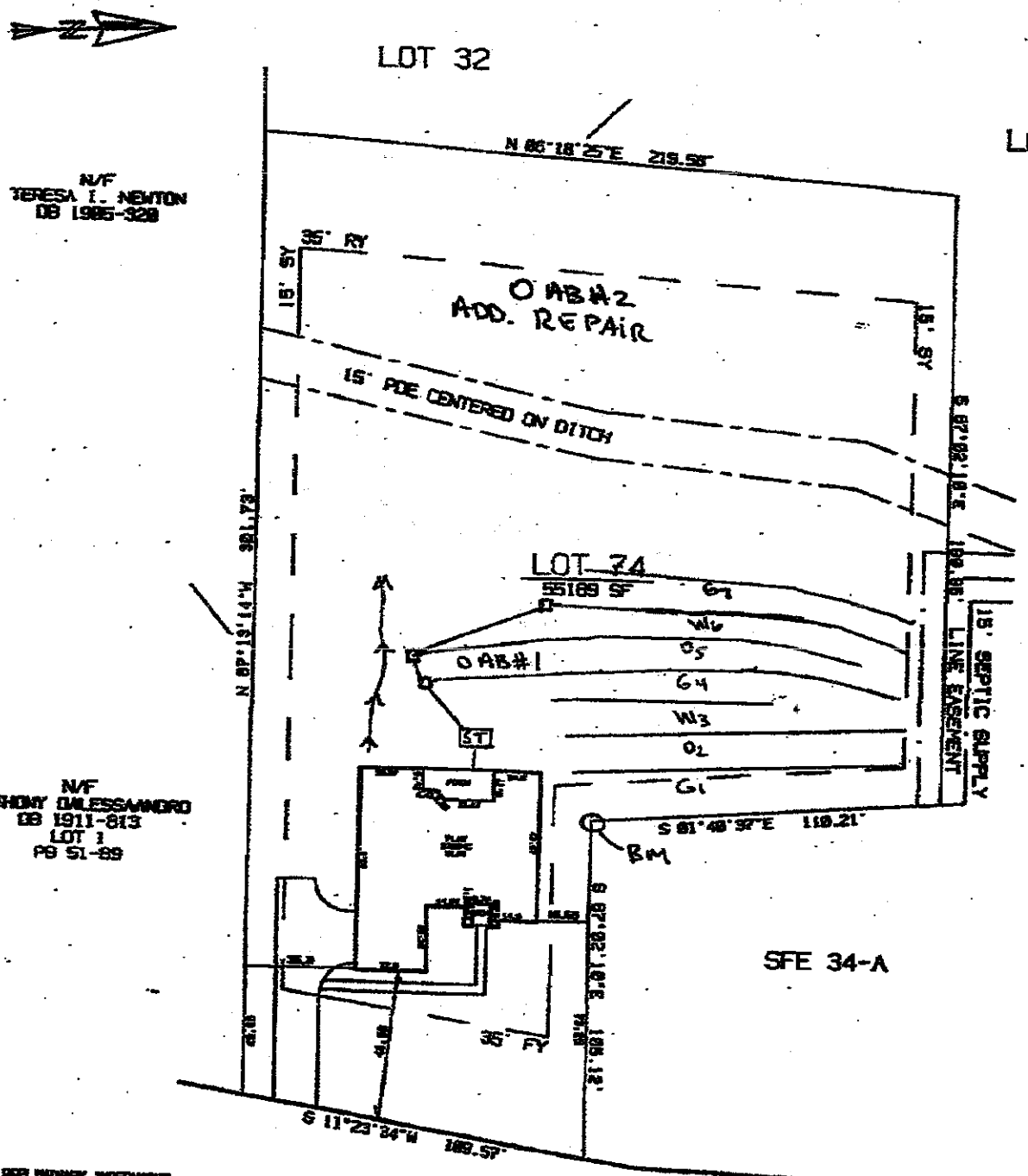
OWNER: Adams Homes _____ APPLICATION DATE _____
ADDRESS: Lot 74 _____ DATE EVALUATED: 1-18-11
PROPOSED FACILITY: 4 Bedroom _____ PROPOSED DESIGN FLOW (.1949): 480 gpd _____ PROPERTY SIZE: 55,189 ft2
LOCATION OF SITE: Lot 74 _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public * Well ☐ Spring ☐ 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) .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	LS 5%	0-4	Br. SCL WSBK	FR SS/SP SEXP	Few Litho/SAP Colors	48"			PS .3+
		4-24	R Clay SBK	FR SS/SP, SEXP					
		24-34	R CL SBK	FR SS/SP, SEXP					
		34-48	R SCL SBK/WSBK	VFR SS/SP, SEXP					
2	LS 2% Across Gully	0-4	Br. SCL WSBK	FR SS/SSP SEXP		48"			PS .3
		4-18	R Clay SBK	FR SS/SP SEXP					
		18-24	R SL Gr.	VFR NS/NP					
		24-48	R Clay SBK	FR SS/SP SEXP					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)	25% Red	PPBPS
Site LTAR	.3	.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): PS _____
EVALUATED BY: MA &ASSOC.
OTHER(S) PRESENT: _____

COMMENTS: Soils/LTAR previously evaluated and determined by Iredell Co.



PRELIMINARY ASSESSABLE
HOUSE: 3600 SF
DRIVE: 1200 SF
PATIO: N/A
SIDEWALK: 287 SF
TOTAL: 4087 SF

NOTE: U.G. UTILITIES IN AREA SERVING OTHER PROPERTIES
THIS PROPERTY SUBJECT TO EASEMENTS AND OR RIGHT-OF-WAYS OF RECORD. SEE RECORD PLAT FOR FURTHER NOTES.

IPF - IRON PIN FOUND
IPS - IRON PIN SET
RF - DATA OF RECORD

ADAMS HOMES

PLOT PLAN
OF

803-802-4402
Michael Athanas

EPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
IVISION OF ENVIRONMENTAL HEALTH
N-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

WNER: GA Mills
DDRESS: _____ APPLICATION DATE _____
ROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): _____ DATE EVALUATED: 3/21/08
OCATION OF SITE: Lot 74 PROPERTY SIZE: _____
ATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other _____ PROPERTY RECORDED: _____
/ALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

.1949 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	
MH-1	0-15	WK SBK SCL	FR SS/SP	Red Br				
	15-44	WK ABK C	FR SS/SP	Red; C	2.5Y 6/4			
L	44-52	WK SBK CL	FR SS/SP	Red; F	Rock pockets			0.225-0.25
T3-1	0-13	Mo SBK C	FR SS/SP	Red				
	13-28	WK SBK CL	FR SS/SP	Red		C sap		
L	28-35	MA SL SAP	FR SS/SP	multi; F	CL pockets			0.3-0.4 kms
	35-50	MA SL SAP	FR NS/NP	multi				
T3-3 (AH)	0-24	Mo SBK C	FR SS/SP	Red		F sap		
	24-36	WK SBK CL/SCL	FR SS/SP	Red		C sap		
L	36-48	MA L/SL SAP	FR SS/NP	Red Br				0.3-0.4 kms
#15	0-11	WK SBK L	FR SS/SP	Red		C sap		
	11-48	MA L SAP	FR SS/NP	multi				
LFS								0.4

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
le Space (.1945)		
Type(s)		
AR		

NTS: _____

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Karen Wallace, Kms
OTHER(S) PRESENT: _____

EPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
IVISION OF ENVIRONMENTAL HEALTH
N-SITE WASTEWATER SECTION

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

WNER: Georgia Mills
DDRESS: ________ APPLICATION DATE ________
ROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): ________ DATE EVALUATED: 3/21/08
OCATION OF SITE: Lot 74 PROPERTY SIZE: ________
PROPERTY RECORDED: ________
ATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other ________
VALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

.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	
# 16	0-12	WK SBK CL	FR SS/SP	Red		Csap		
L	12-48	MA L sap	FR SS/NP	Multi				0.4

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
ble Space (.1945)		
Type(s)		
AR		

NTS: ________

OTHER FACTORS (.1946): ________
SITE CLASSIFICATION (.1948): ________
EVALUATED BY: Kathleen Saunders
OTHER(S) PRESENT: ________