FILE NUMBER: 75858

SEPTIC FEE: 200.00
DATE: 1-10-08

Revised On: August 31, 2007

APPLICATION NUMBER: 3178

MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES
APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

WELL FEE: _____
DATE: _____

1. SEPTIC / TYPE APPLICATION: ☐ NONE ☑ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ☐ NONE ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER: 003-351-18
STREET ADDRESS: 0 Xydendrum Hill LN
CITY: Davidson NC
STATE: NC ZIP: 28036
SUBDIVISION NAME:
LOT #: LOT SIZE (acres):
TOWNSHIP:

☐ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☑ 2-DAVIDSON ☐ 5-MATTHEWS

4. BUILDING INFORMATION:

BUILDING TYPE:
☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☒ HOUSE ☐ OTHER _____
HEATED SQUARE FOOTAGE:
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS:
FOUNDATION TYPE:
☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☐ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. WATER SUPPLY: ☐ MUNICIPAL ☐ PUBLIC WELL ☒ PRIVATE WELL ☐ SHARED WELL ☐ SPRING

7. PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☒ POTABLE ☐ GEOTHERMAL ☐ OTHER

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED)*:

☐ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. RANK: ____ ____ ____ ____ ____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☒ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☒ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	☐ YES	☒ NO	JURISDICTIONAL WETLANDS	☐ YES	☒ NO
WELLS, SPRINGS, OR WATER LINES	☐ YES	☒ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES	☒ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES	☒ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☐ YES	☒ NO

10. PROPERTY OWNER:

NAME: Doyle NEAL
ADDRESS: PO Box 272
CITY: Davidson
STATE: NC ZIP: 28036
HOME PHONE: 704-892-3377 WORK PHONE:
MOBILE PHONE: 704-634-6316 FAX:

11. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

12. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? _____

14. SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either 60 months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

Doyle Neal 1-10-08
Property Owner's or Owner's Legal Representative Signature Date

15. WELL PERMIT APPLICATION SIGNATURE SECTION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of 12 months from the date of issuance.

_____
Property Owner's or Owner's Legal Representative Signature Date

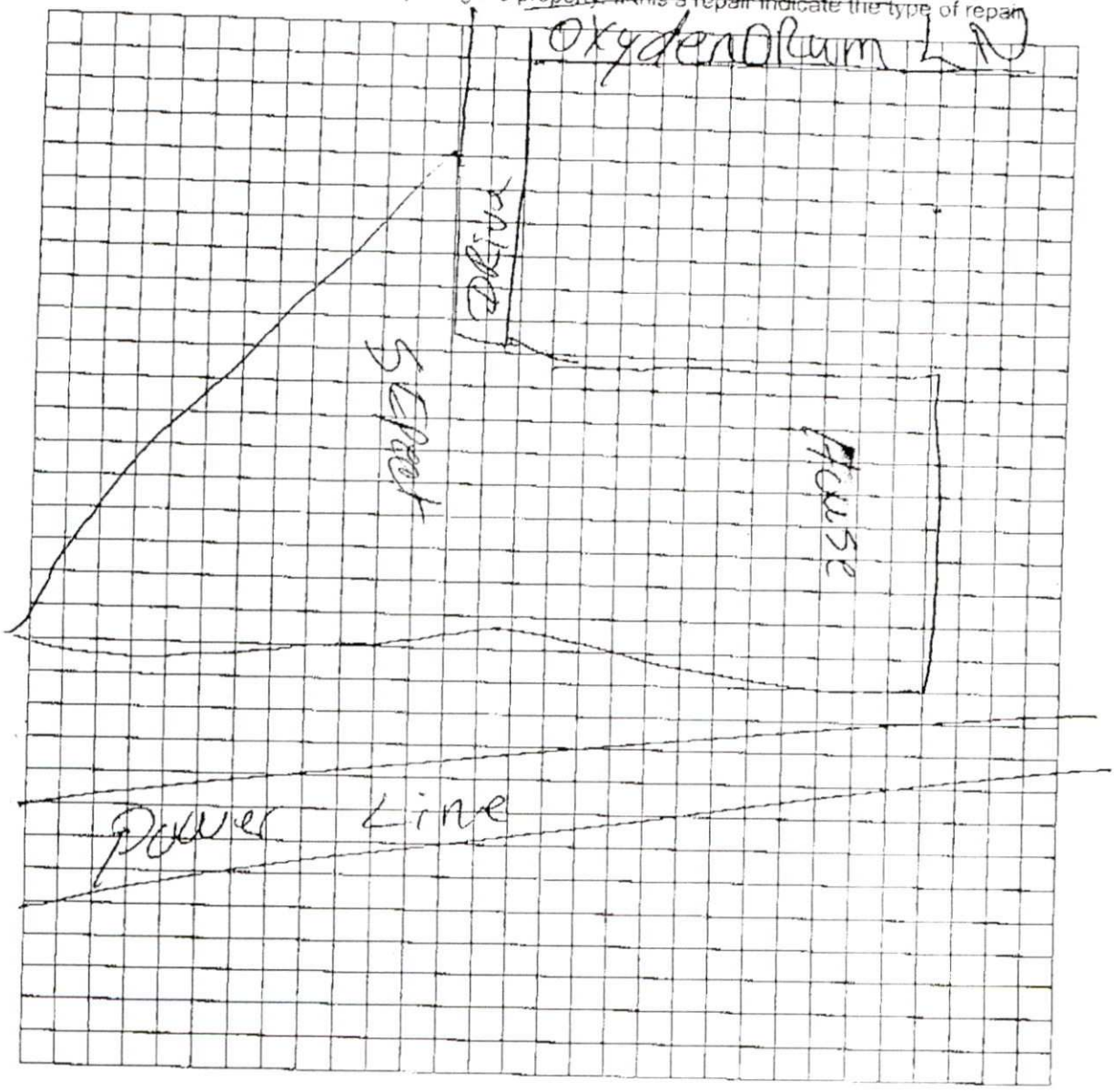
☐ SURVEY PLAT TO SCALE SUBMITTED ☐ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

Mecklenburg County
Land Use & Environmental Service Agency
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

File # 7585B
Date

PROPOSED PLOT PLAN

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. ~~If this a repair indicate the type of repair~~



Owner/Agent Signature

Date

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

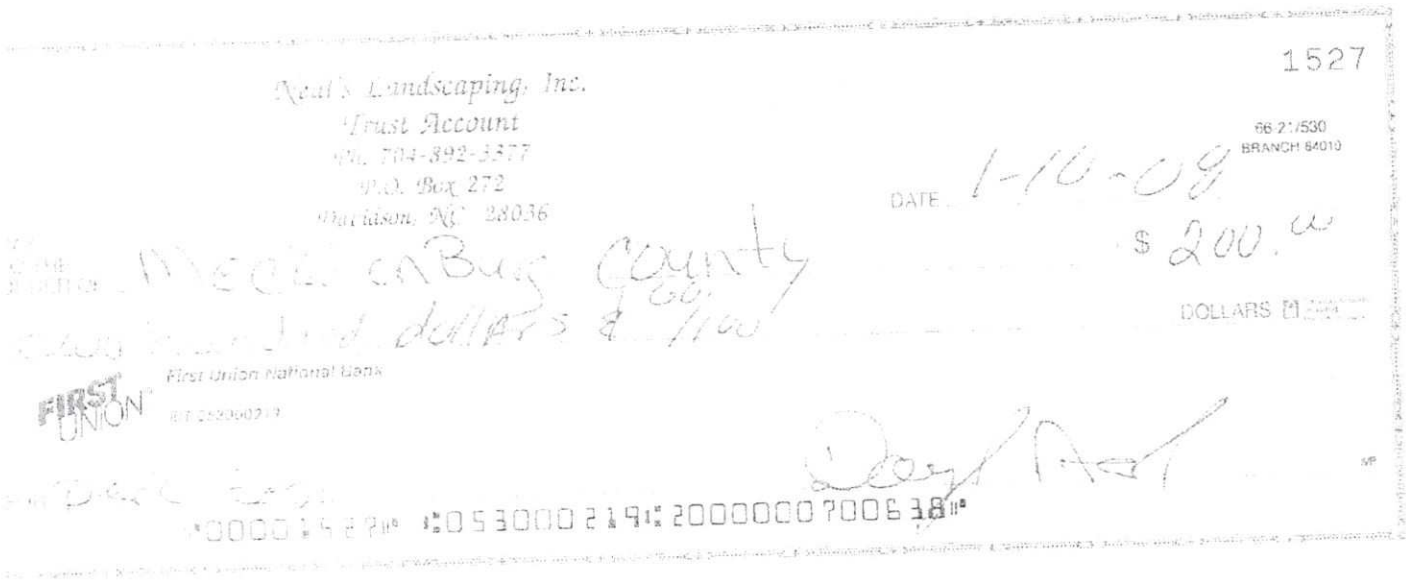
Receipt Information

Date:	01/10/08	Amount:	200.00
Receipt #:	54468	Tendered:	200.00
Check / Auth #:	CHECK 1527	Returned:	0.00
Received By:	DAUGHVB		

Account Information

Account #: 200000
Contractor: NEAL DOYLE
Attn:
Address: PO BPX 262
Address:
City/State/Zip: DAVIDSON, NC 28036

tem	Description	Permit#	Quantity	Unit Price	Total Price
)701	Improvment Permit App-Residen OFF OXYDENDRUM LN		1	200.00	200.00

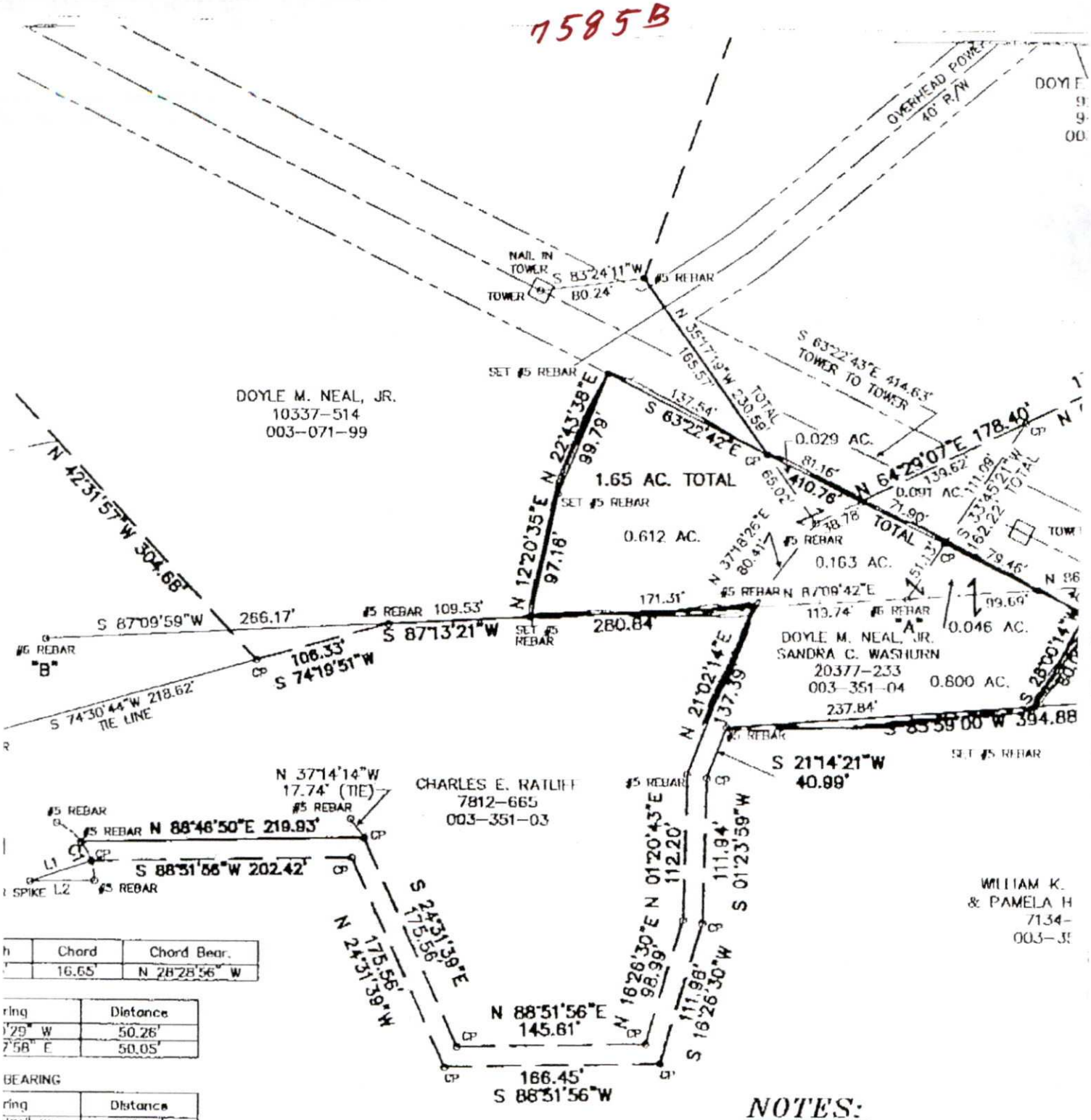


----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

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7585B



h	Chord	Chord Bear.
	16.65'	N 28°28'56" W

ring	Distance
'29" W	50.26'
'58" E	50.05'

BEARING

ring	Distance
'21" W	666.75'

LEGEND:

- PROPERTY LINE
- TIE LINE
- UNSURVEYED LINE
- BACK OF CURB/EDGE OF PAVEMENT
- SETBACK LINE
- *CP* COMPUTED POINT
- *PP* POWER POLE

NOTES:

1. THIS PROPERTY IS NOT LOCATED IN
2. AREA DETERMINED BY COORDINATE (
3. CP DENOTES COMPUTED POINT, NO I
4. UNDERGROUND UTILITIES NOT LOCATI
5. NO GRID MONUMENTS APPEAR TO BI
6. PROPERTY IS ZONED RPA.
7. THIS PROPERTY LIES WITHIN THE YAI
8. PROPERTY IS SUBJECT TO ANY EASI

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

Sheet: 1 of 2
Property ID: PO 003-351-18
Lot #:
File #: 7585B
AppID: 3178

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Doyle Neal
Applicant:
Address: PO Box 272, Davidson, N. C. 28036
Date Evaluated: 3/3/08
Proposed Facility: Residence
Design Flow (.1949) 480gpd
Property Size: 1.65a
Location of Site: Oxydendrum Hill Lane
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] 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
1	LS, 20	0-6	GR/SCL	FR/SEXP/SS/SP	>27" TO SOIL WETNESS	27	N/A	NONE	US, IV
		6-27	SBK/SC	FI/SEXP/S/P					.125GPD/FT
2	LS, 15	0-4	GR/SCL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	"	"	PS, IV
		4-37	SBK/SC	FI/SEXP/S/P					.3GPD/FT^2
		37-48	SBK/SCL	FR/SEXP/SS/SP					
3	LS, 22	0-8	GR/SCL	"	"	"	"	"	"
		8-48	SBK/SC	FI/SEXP/S/P					
4	LS, 8	0-6	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		6-38	SBK/SC	FI/SEXP/S/P					
		38-48	SBK/SCL	FR/SEXP/SS/SP					
5	LS, 20	0-6	GR/SCL	"	"	"	"	"	"
		6-48	SBK/SC	FI/SEXP/S/P					
6	LS, 16	0-4	GR/SCL	FR/SEXP/SS/SP	"	"	"	"	"
		4-37	SBK/SC	FI/SEXP/S/P					
		37-48	SBK/SCL	FR/SEXP/SS/SP					
					SITE LTAR .3GPD/FT^2				

Description	Initial System	Repair System
Available Space (.1945)		
System Type(s)		
Site LTAR		

Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 3/3/2008, W. R. Marlin
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

COMMENTS:

100% repair, recommend proposed drainline locations be spot-bored due to amount of rocks in area

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations

