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Groundwater and Wastewater Services File Imaging Project

May 2007

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FEE: 200.00 CC APP 13566
DATE: 2/13/01 CC

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

TYPE APPLICATION: ___ NEW SYSTEM ___ EXPANSION/ ALTERATION OF EXISTING SYSTEM ___ REPAIR OF EXISTING SYSTEM

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

FILE #: 4538B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 019 - 231 - 05 10

STREET ADDRESS: Huntersville Concord Rd

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: ~~EEE~~ ~~05~~

TYPE OF BUILDING (CHECK ONE):

___ SINGLE MOBILE HOME(S)
___ DOUBLE WIDE (D)
X HOUSE (H)
___ MODULAR HOME (M)
___ MULTIPLE FAMILY (U)
___ OTHER (O)

TOWNSHIP (CHECK ONE):

___ 0 MECKLENBURG
___ 1 CHARLOTTE
___ 2 DAVIDSON
___ 3 CORNELIUS
___ 4 PINEVILLE
___ 5 MATTHEWS
X 6 HUNTERSVILLE
___ 7 MINT HILL

HEATED SQUARE FOOTAGE: 3000

NUMBER OF BEDROOMS: 4 NUMBER OF OCCUPANTS:

CLOSING DATE_____

FOUNDATION FOR RESIDENCE:

___ WITHOUT BASEMENT ON SLAB
X CRAWL SPACE
___ WITH BASEMENT /PLUMBING
___ WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: ___ YES X NO TYPE: _____

WATER SUPPLY (CHECK ONE): Well
___ COMMUNITY (C)
___ SHARED WELL (S)
___ MUNICIPAL (M)
___ OTHER 'SPRINGS' (O)
X PRIVATE WELL (P)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES ___ YES X NO
EXISTING WASTEWATER SYSTEMS ___ YES X NO
EASTMENTS OR RIGHT-OF-WAYS ___ YES X NO
WELL, SPRINGS OR WATERLINES ___ YES X NO
DESIGNATED WETLANDS ___ YES X NO

PROPERTY OWNER: Sanders Family Trust

NAME: (LAST) (FIRST) (MI)

ADDRESS: 800 N. Brand Blvd

CITY: Glendale STATE: CA ZIP: 91203

DAYTIME PHONE: ( ) –

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Edwards Danny
(LAST) (FIRST) (MI)

DAYTIME PHONE: (W) 996-0117

20108 Tailwind Lane

Cornelius NC 28031

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 1960

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

SIGNED: Danny Edwards DATE: 02-13-01

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

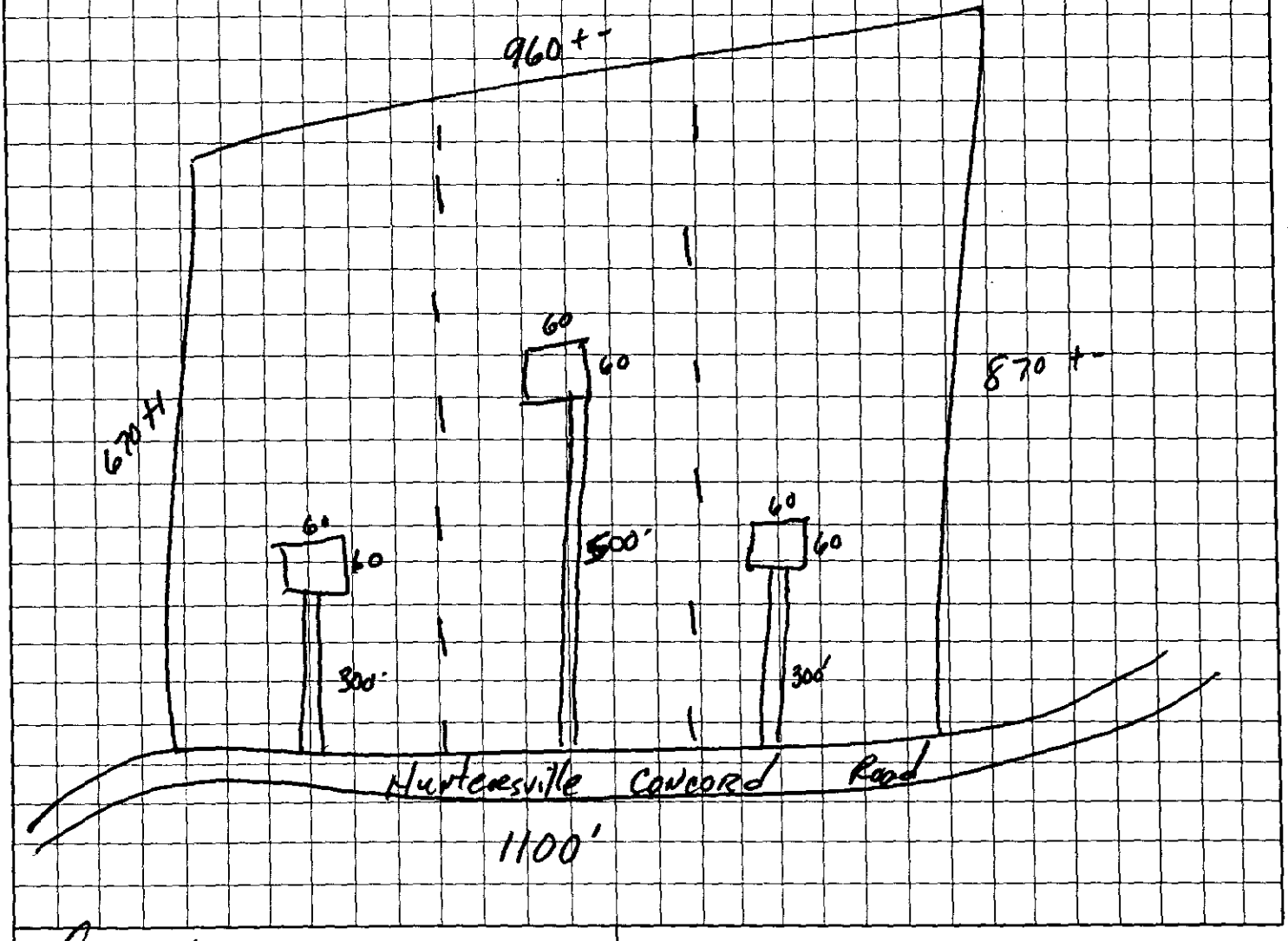
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 4538B

TC: 019-23/05 PR

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.

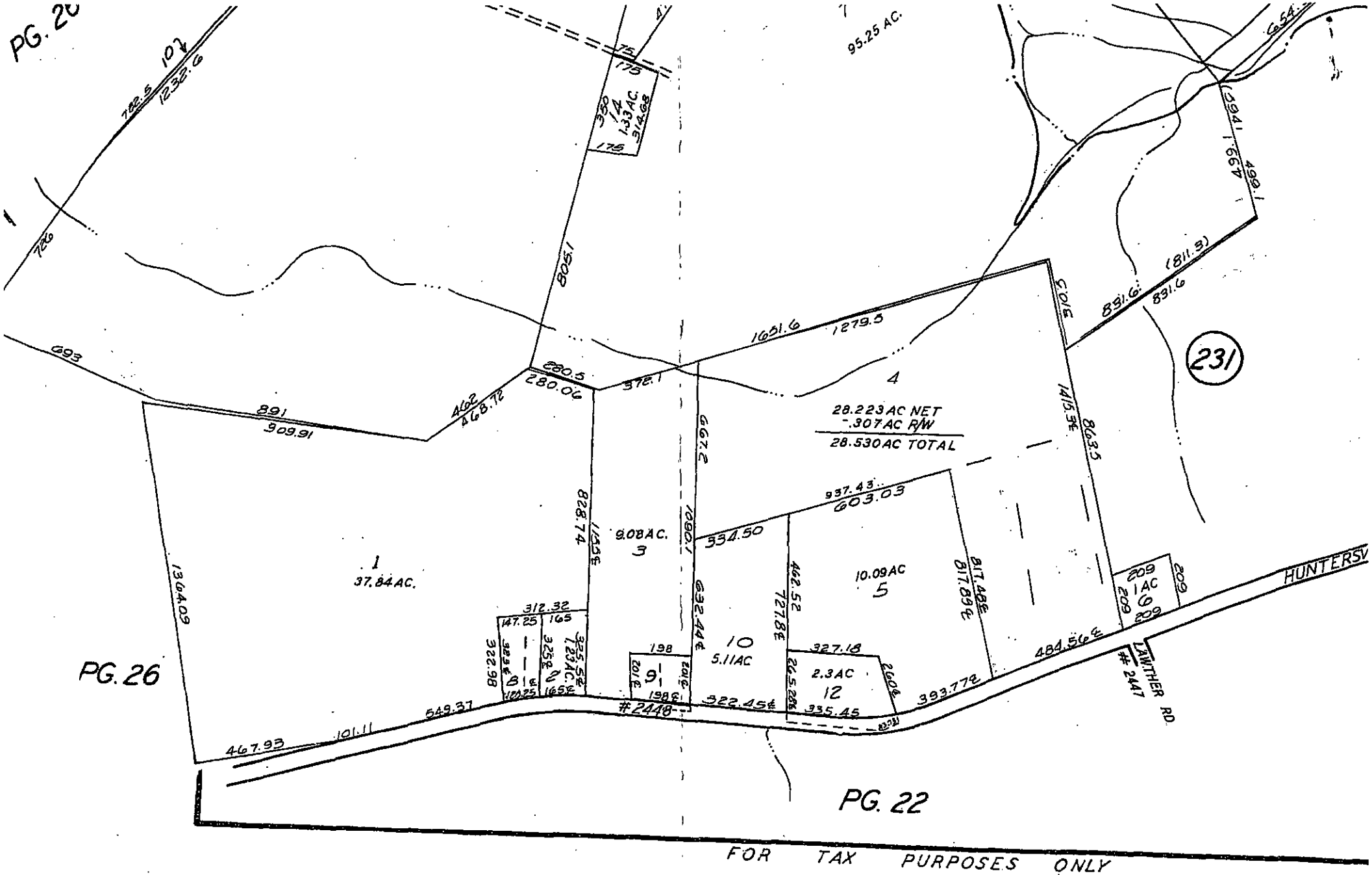


OWNER/AGENT SIGNATURE

DATE 02-15-01

APPROVAL DATE _____

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy


PG. 20
782.5
1232.6
726
693
891
909.91
462
468.72
280.06
805.1
1651.6
1279.5
95.25 AC.
(594)
1667
499.1
(811.3)
891.6
891.6
231
4
28.223 AC NET
.307 AC R/W
28.530 AC TOTAL
1415.3±
863.5
937.43
603.03
534.50
667.2
1090.1
828.74
1455±
1304.09
1
37.84 AC.
9.08 AC.
3
10
5.11 AC
10.09 AC
5
2.3 AC
12
9
1.23 AC.
312.32
147.25
165
322.98
325.52
165±
198
201±
632.44±
442.52
727.8±
327.18
265.28±
335.45
322.45±
817.48±
817.89±
484.56±
393.77±
209
1 AC
209
209
209
HUNTERSV
LAWTHER RD.
2447
2448
549.37
101.11
467.93
PG. 26
PG. 22
FOR TAX PURPOSES ONLY

Mecklenburg County
Health Department

March 15, 2001

Sanders Family Trust
800 N. Brand Blvd
Glendale California 91203

Re: Application for improvement permit for Danny Edwards
Property Site: Huntersville Concord Road
Health Department file no. 4538B

Dear Property Owner or Owner's Agent:

The Mecklenburg County Health Department, Environmental Health Division on March 12, 2001 evaluated the above-referenced property at the site designated on the plat/site plan that accompanied your improvement permit application. According to your application the site is to serve a 4-bedroom residence, with a design wastewater flow of ___480___ gallons per day. The evaluation was done in accordance with the laws and rules governing wastewater systems in North Carolina General Statute 130A-333 and related statutes and Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rule .1900 and related rules.

Based on the criteria set out in Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rules .1940 through .1948, the evaluation indicated that the site is **UNSUITABLE for** a ground absorption sewage system. Therefore, your request for an improvement permit is **DENIED.** A copy of the site evaluation is enclosed. The site is unsuitable based on the following:

_____ Unsuitable soil topography and/or landscape position (Rule .1940)
___X___ Unsuitable soil characteristics (structure or clay mineralogy) (Rule .1941)
___X___ Unsuitable soil wetness condition (Rule .1942)
___X___ Unsuitable soil depth (Rule .1943)
_____ Presence of restrictive horizon (Rule .1944)
___X___ Insufficient space for septic system and repair area (Rule .1945)
_____ Unsuitable for meeting required setbacks (Rule .1950)
_____ Other (Rule .1946)

For the reasons set out above, the property is currently classified **UNSUITABLE,** and an improvement permit shall not be issued for this site in accordance with Rule .1948 (c).

However, the site classified as **UNSUITABLE** may be classified as **PROVISIONALLY SUITABLE** if written documentation is provided that meets the requirements of Rule .1948(d). A copy of this rule is enclosed. You may hire a consultant to assist you if you wish to try to develop a plan under which your site could be reclassified as **PROVISIONALLY SUITABLE.**

You have a right to an informal review of this decision. You may request an informal review by the soil scientist or environmental health supervisor at the local health department. You may also request an informal review by the N. C. Department of Environment and Natural Resources regional soil specialist. A request for informal review must be made in writing to the local health department.

You also have a right to a formal appeal of this decision. To pursue a formal appeal, you must file a petition for a contested case hearing with the Office of Administrative Hearings, 6714 Mail Center, Raleigh, NC 27699-6714. To get a copy of a petition form, you may write the Office of Administrative Hearings or call the office at (919) 733-0926. The petition for a contested case hearing must be filed in accordance with the provision of North Carolina General Statutes 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B. N. C. General Statue 130A-335(g) provides that your hearing would be held in the county where your property is located.

Please note: If you wish to pursue a formal appeal, you must file the petition form with the Office of Administrative Hearings **WITHIN 30 DAYS OF THE DATE OF THIS LETTER.** The date of this letter is March 15, 2001. Meeting the 30-day deadline is critical to your right to a formal appeal. Beginning a formal appeal within 30 days will not interfere with any informal review that you might request. Do no wait for the outcome of any informal review if you wish to file a formal appeal.

If you file a petition for a contested case hearing with the Office of Administrative Hearings, you are required by law (N.C. General Statute 150B-23) to send a copy of your petition to the North Carolina Department of Environment and Natural Resources. Send the copy to: Office of General Counsel, N. C. Department of Environment and Natural Resources, 1601 Mail Service Center, Raleigh, NC. 27699-1601. Do **NOT** send the copy of the petition to your local health department. Sending a copy of your petition to the local health department will **NOT** satisfy the legal requirement in N.C. General Statute 150B-23 that you send a copy to the Office of General Counsel, NCDENR.

You may call or write the local health department if you need any additional information or assistance.

Sincerely,

Kelly Randall, R.S.
Authorized Agent - DENR

Encl: (2)

.1946 OTHER APPLICABLE FACTORS

The site evaluation shall include consideration of any other applicable factors involving accepted public health principles, such as, but need not be limited to:

(1) The proximity of a large-capacity water-supply well, the cone of influence of which would dictate a larger separation distance than the minimum distance specified in Rule .1950 of this Section;

(2) The potential public health hazard due to possible failures of soil absorption systems when specifically identified, would dictate larger separation distances than the minimums specified in Rule .1950 and Rule .1955(m) of this Section;

(3) The potential public health hazard of possible massive failures of soil absorption systems proposed to serve large numbers of residences, as in residential subdivisions or mobile home parks;

(4) For sites serving systems designed to handle over 3,000 gallons per day, as determined in Rule .1949 (a) or (b) of this Section, which include one or more nitrification fields with a design flow of greater than 1500 gallons per day, the applicant shall submit sufficient site-specific data to predict the height of the water table mound that will develop beneath the field (level sites) and the rate of lateral and vertical flow away from the nitrification trenches (sloping sites). The data submitted may include soil borings to depths greater than 48 inches, permeability and hydraulic conductivity measurements, water level readings, and other information determined to be necessary by the local health department or the State. The site shall be considered UNSUITABLE if the data indicate that the groundwater mound which will develop beneath the site cannot be maintained two feet or more below the bottom of the nitrification trenches or it is determined that effluent is likely to become exposed on the ground surface within, or adjacent to, the nitrification field.

History Note: *Authority G.S. 130A-335(e);*
Eff. July 1, 1982;
Amended Eff. January 1, 1990.

.1947 DETERMINATION OF OVERALL SITE SUITABILITY

All of the criteria in Rules .1940 through .1946 of this Section shall be determined to be SUITABLE, PROVISIONALLY SUITABLE, or UNSUITABLE, as indicated. If all criteria are classified the same, that classification will prevail. Where there is a variation in classification of the several criteria, the most limiting uncorrectable characteristics shall be used to determine the overall site classification.

History Note: *Authority G.S. 130A-335(e);*
Eff. July 1, 1982;
Amended Eff. January 1, 1990.

.1948 SITE CLASSIFICATION

(a) Sites classified as SUITABLE may be utilized for a ground absorption sewage treatment and disposal system consistent with these Rules. A suitable classification generally indicates soil and site conditions favorable for the operation of a ground absorption sewage treatment and disposal system or have slight limitations that are readily overcome by proper design and installation.

(b) Sites classified as PROVISIONALLY SUITABLE may be utilized for a ground absorption sewage treatment and disposal system consistent with these Rules but have moderate limitations. Sites classified Provisionally Suitable require some modifications and careful planning, design, and installation in order for a ground absorption sewage treatment and disposal system to function satisfactorily.

(c) Sites classified UNSUITABLE have severe limitations for the installation and use of a properly functioning ground absorption sewage treatment and disposal system. An improvement permit shall not be issued for a site which is classified as UNSUITABLE. However, where a site is UNSUITABLE, it may be reclassified PROVISIONALLY SUITABLE if a special investigation indicates that a modified or alternative system can be installed in accordance with Rules .1956 or .1957 of this Section.

(d) A site classified as UNSUITABLE may be used for a ground absorption sewage treatment and disposal system specifically identified in Rules .1955, .1956, or .1957 of this Section or a system approved under Rule .1969 if written documentation, including engineering, hydrogeologic, geologic or soil studies, indicates to the local health department that the proposed system can be expected to function satisfactorily. Such sites shall be reclassified as PROVISIONALLY SUITABLE if the local health department determines that the substantiating data indicate that:

(1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non-

toxic, and non-hazardous;

(2) the effluent will not contaminate groundwater or surface water; and

(3) the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors.

The State shall review the substantiating data if requested by the local health department.

History Note: *Authority G.S. 130A-335(e);*
Eff. July 1, 1982;
Amended Eff. April 1, 1993; January 1, 1990.

.1949 SEWAGE FLOW RATES FOR DESIGN UNITS

(a) In determining the volume of sewage from dwelling units, the flow rate shall be 120 gallons per day per bedroom. The minimum volume of sewage from each dwelling unit shall be 240 gallons per day and each additional bedroom above two bedrooms shall increase the volume of sewage by 120 gallons per day. In determining the number of bedrooms in a dwelling unit, each bedroom and any other room or addition that can reasonably be expected to function as a bedroom shall be considered a bedroom for design purposes. When the occupancy of a dwelling unit exceeds two persons per bedroom, the volume of sewage shall be determined by the maximum occupancy at a rate of 60 gallons per person per day.

(b) Table No. I shall be used to determine the minimum design daily flow of sewage required in calculating the design volume of sanitary sewage systems to serve selected types of establishments. The minimum design volume of sewage from any establishment shall be 100 gallons per day. Design of sewage treatment and disposal systems for establishments not identified in this Rule shall be determined using available flow data, water-using fixtures, occupancy or operation patterns, and other measured data.

TABLE NO. I

TYPE OF ESTABLISHMENT	DAILY FLOW FOR DESIGN
Airports (Also R.R. stations, bus terminals--not including food service facilities)	5 gal/passenger
Barber Shops	50 gal/chair
Bars, Cocktail Lounges (Not including food service)	20 gal/seat
Beauty Shops (Style Shops)	125 gal/chair
Bowling Lanes	50 gal/lane
Businesses (other than those listed elsewhere in this table)	25 gal/employee
Camps	
Construction or Work Camps	60 gal/person 40 gal/person (with chemical toilets)
Summer Camps	60 gal/person
Campgrounds -- With Comfort Station (Without water and sewer hookups)	100 gal/campsite
Travel Trailer/Recreational Vehicle Park (With water and sewer hookups)	120 gal/space
Churches (Not including a Kitchen, Food Service Facility, Day Care or Camp)	3 gal/seat
Churches (With a Kitchen but, not including a Food Service Facility, Day Care, or Camp)	5 gal/seat
Country Clubs	20 gal/member
Day Care Facilities	15 gal/person
Factories (Exclusive of industrial waste)	25 gal/person/shift
Add for showers	10 gal/person/shift
Food Service Facilities	

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

#3

Sheet: _____

Property ID: PO 019-231-05,12

Lot #: _____

File #: 4536B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Sanders Family Trust APPLICANT: Danny Edwards

ADDRESS: 600 N. Broad Blvd, Hendersonville, TN DATE EVALUATED: 3-17-01

PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949)_____ PROPERTY SIZE: 1.0 ac

LOCATION OF SITE: Hendersonville Concord Area PROPERTY RECORDED: _____

WATER SUPPLY: ☒Private ☐Public ☒Well ☐Spring ☐Other_____

EVALUATION METHOD: ☒Augur Boring ☐Pit ☐Cut

TYPE OF WASTEWATER: ☒Sewage ☐Industrial Process ☐Mixed

PROFILE #	3/20/01 3-17-01 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	R	0-6"	gr/scl	Fr/SEXP/SS/SP	2.5Y 7/1 @ 18"	37"	N/A	None	US
		6-37"	SBK/c	VFi/EXP/VS/VP					
2	LS	0-2"	gr/scl	Fr/SEXP/SS/SP	7.5YR 7/0 to soil wetness	10"	N/A	None	US
		2-10"	SBK/sc	VFi/EXP/VS/VP					
3	LS	0-3"	gr/scl	Fr/SEXP/SS/SP	7.5YR 7/0 to soil wetness	10"	N/A	None	US
		3-10"	SBK/sc	VFi/EXP/VS/VP					
4	LS	0-3"	gr/scl	Fr/SEXP/SS/SP	2.5Y 7/1 @ 10"	29"	N/A	None	US
		3-29"	SBK/c	VFi/EXP/VS/VP					

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

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): Unsuitable

EVALUATED BY: W.A. Medlin - LS 3-14-01

OTHER(S) PRESENT: _____

FILE # 45-39B

COMMENTS. 100% Repair

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR
R-RIDGE	I	S-SAND	1.2-0.8
S-SHOULDER SLOPE		LS-LOAMY SAND	
L-LINEAR SLOPE			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6
N-NOSE SLOPE		L-LOAM	
H-HEAD SLOPE			
CC-CONCLAVE SLOPE	III	SI-SILT	0.6-0.3
CV-CONVEX SLOPE		SICL-SILTY CLAY LOAM	
T-TERRACE		CL-CLAY LOAM	
FP-FLOOD PLAIN		SCL-SANDY CLAY LOAM	
	IV	SC-SANDY CLAY	0.4-0.1
		SIC-SILTY CLAY	
		O-ORGANIC	

CONSISTENCE MOIST	WET
VFR-VERY FRIABLE	NS-NON-STICKY
FR-FRIABLE	SS-SLIGHTLYSTICKY
FI-FIRM	S-STICKY
VFI-VERY FIRM	VS-VERY STICKY
EFI-EXTREMELY FIRM	NP-NON-PLASTIC
	SP-SLIGHTLYSTICKY
	P-PLASTIC
	VP-VERY PLASTIC

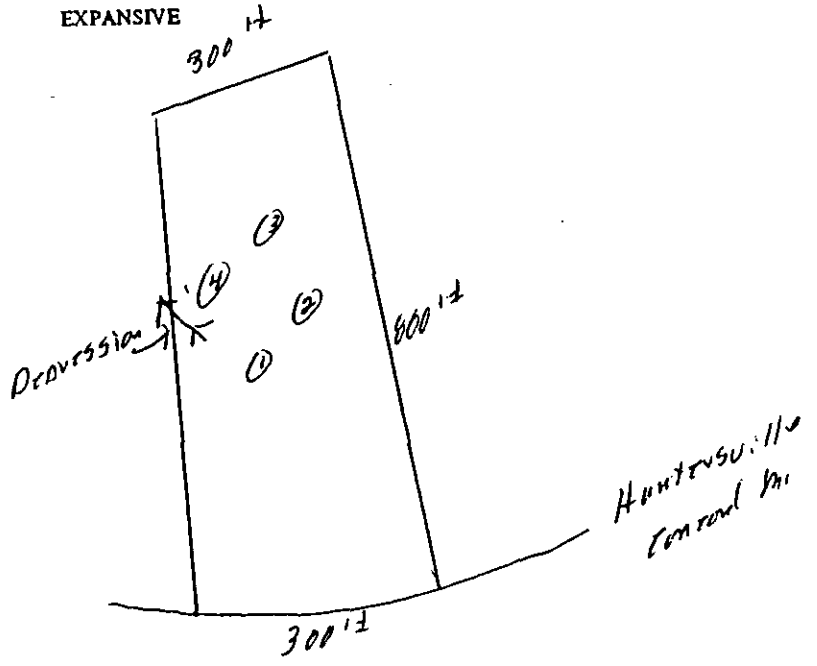
STRUCTURE

SG-SINGLE GRAIN
M-MASSIVE
CR-CRUMB
GR-GRANULAR
SBK-SUBANGULAR BLOCKY
ABK-ANGULAR BLOCKY
PL-PLATY
PR-PRISMATIC

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE



FEE: 200.00 CC Apl 3566
DATE: 2/13/01 CC# 3566

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

TYPE APPLICATION: __ NEW SYSTEM __ EXPANSION/ ALTERATION OF EXISTING SYSTEM __ REPAIR OF EXISTING SYSTEM

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

COPY

FILE #: 4538B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION: 12

TAX/PARCEL NUMBER: 019-231-05 10

STREET ADDRESS: Huntersville Concord Rd

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: ~~105~~ ~~105~~

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S)
__ DOUBLE WIDE (D)
X HOUSE (H)
__ MODULAR HOME (M)
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EASTMENTS OR RIGHT-OF-WAYS __ YES X NO
WELL, SPRINGS OR WATERLINES __ YES X NO
DESIGNATED WETLANDS __ YES X NO

PROPERTY OWNER: Sanders Family Trust

NAME: (LAST) (FIRST) (MI)

ADDRESS: 800 N. Brand Blvd

CITY: Glendale STATE: CA ZIP: 91203

DAYTIME PHONE: ( ) –

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: Edwards Danny
(LAST) (FIRST) (MI)

DAYTIME PHONE: (704) 996-0117

20108 Fairwind Lane

Cornelius NC 28031

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SIGNED: Danny Edwards DATE: 02-13-01

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

PROPOSED PLOT PLAN

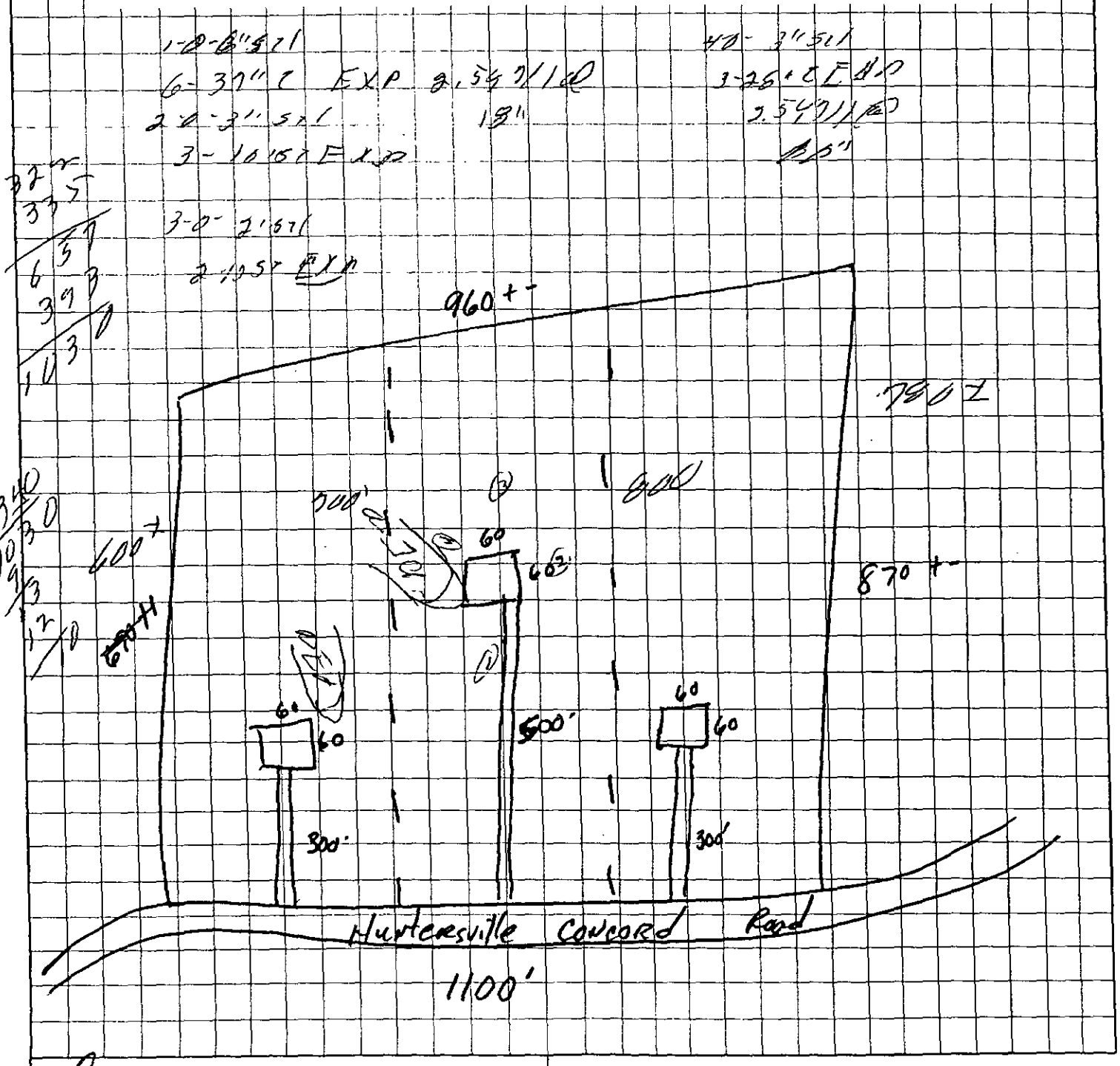
COPY

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 4538B

TC: 019-23/105 CR

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



OWNER/AGENT SIGNATURE

DATE 02-15-01

APPROVAL DATE _____

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

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

#3 AJ

Sheet: _____
Property ID: 010-231-05,12
Lot #: _____
File #: 4536B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Sneden Family Trust APPLICANT: Danny Edwards
ADDRESS: 600 N. Broad Blvd, Hendersonville, Tn DATE EVALUATED: 3-17-01
PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) _____ PROPERTY SIZE: 1.0 ac
LOCATION OF SITE: Hendersonville Concord Area PROPERTY RECORDED: _____
WATER SUPPLY: ☒Private ☐Public ☒Well ☐Spring ☐Other _____
EVALUATION METHOD: ☒Augur 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	R	0-6"	gr/sc/l	Fr/SE/PL/SS/SP	2.5Y 7/1 @ 18"	37"	N/A	None	US
		6-37"	SBK/l/c	VF:/EX/PL/US/VP					
2	LS	0-2"	gr/sc/l	Fr/SE/PL/SS/SP	7.5Y 5/0 soil wetness	10"	N/A	None	US
		2-10"	SBK/l/c	VF:/EX/PL/US/VP					
3	LS	0-3"	gr/sc/l	Fr/SE/PL/SS/SP	7.5Y 5/0 soil wetness	10"	N/A	None	US
		3-10"	SBK/l/c	VF:/EX/PL/US/VP					
4	LS	0-3"	gr/sc/l	Fr/SE/PL/SS/SP	2.5Y 7/1 @ 10"	29"	N/A	None	US
		3-29"	SBK/l/c	VF:/EX/PL/US/VP					

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): unsuitable
EVALUATED BY: W. A. Medlin - LS 3-14-01
OTHER(S) PRESENT: _____

FILE # 45-38-B

COMMENTS Septic Repair

LANDSCAPE POSITION	GROUP	TEXTURE	.1955 LTAR
R-RIDGE	I	S-SAND	1.2-0.8
S-SHOULDER SLOPE		LS-LOAMY SAND	
L-LINEAR SLOPE			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8-0.6
N-NOSE SLOPE		L-LOAM	
H-HEAD SLOPE			
CC-CONCLAVE SLOPE	III	SI-SILT	0.6-0.3
CV-CONVEX SLOPE		SICL-SILTY CLAY LOAM	
T-TERRACE		CL-CLAY LOAM	
FP-FLOOD PLAIN		SCL-SANDY CLAY LOAM	
	IV	SC-SANDY CLAY	0.4-0.1
		SIC-SILTY CLAY	
		O-ORGANIC	

CONSISTENCE	
MOIST	WET
VFR-VERY FRIABLE	NS-NON-STICKY
FR-FRIABLE	SS-SLIGHTLYSTICKY
FI-FIRM	S-STICKY
VFI-VERY FIRM	VS-VERY STICKY
EFI-EXTREMELY FIRM	NP-NON-PLASTIC
	SP-SLIGHTLYSTICKY
	P-PLASTIC
	VP-VERY PLASTIC

STRUCTURE

SG-SINGLE GRAIN
M-MASSIVE
CR-CRUMB
GR-GRANULAR
SBK-SUBANGULAR BLOCKY
ABK-ANGULAR BLOCKY
PL-PLATY
PR-PRISMATIC

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE

