

5528 ROCKY RIVER RD

10529105

12/21/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

Permit Number: 1455B

CONDITIONS OF IMPROVEMENT PERMIT ~~2700~~

Tax Number: 105 29 105

- The IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

Basement	___ Yes	✓ No	___ Partial Basement	
Type Primary Wastewater System Type (circle one): I (II) III IV V VI	✓ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	___ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
.3 Long-term acceptance rate	240 Max gallons/day wastewater flow	800 Absorption Area (sq ft)	9' Trench spacing (min. on centers)	
YES Serviced by private well	1500 Gallon septic tank	267 Total trench length (ft)	24" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions)	
2 Bedrooms in residence	NA Gallon pump tank	12" Depth of stone		

Any surface waters present: NO Type: Minimum separation distance:

Site modifications required:

Additional Conditions: sleeve pipe under driveway

Repair Area System Type Type (circle one): I II III IV V VI	✓ Conventional ___ Prefabricated, permeable block panel system ___ Shallow Placed Conventional	___ Low Pressure Pipe ___ Large Diameter Pipe ___ Fill ___ Other	___ Innovative or Experimental: ___ IWWS-93-1 ___ IWWS-93-2 ___ IWWS-94-1	
800 Absorption Area (Sq ft) 270' Total Trench Length (Ft)	12" Depth of Stone Trench	9' Trench spacing (min. on centers)	24" Maximum Trench Depth	

For existing system, enter the year originally installed:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for Job Location contained in this document. This approval is granted in accordance with the provisions of Laws and Rules For Sewage, Treatment and Disposal in eff at the time of issuance of the permit and is subject to the following provisions:

- No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Departm
- This Improvement permit is transferable.

Philo S. Walker 7/24/96
DEHNR Authorized Agent Date

x John Ellis Jr. 7/24/96
Owner/Agent Signature Date

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

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

FEE: 200 CK DATE 6/10/96 1072

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 #: 14358

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 105-291-05

STREET ADDRESS: 5528 Rocky River Rd

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER:

TOWNSHIP (CHECK ONE):

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

CLOSING DATE _____

TYPE OF BUILDING (CHECK ONE):

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

HEATED SQUARE FOOTAGE: 1200

NUMBER OF BEDROOMS: 2 NUMBER OF OCCUPANTS: 2

FOUNDATION FOR RESIDENCE:

- ___ WITHOUT BASEMENT
  - ___ ON SLAB
  - ___ 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 ___ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

- ___ COMMUNITY (C)
- ___ MUNICIPAL (M)
- X PRIVATE WELL (P)
- ___ SHARED WELL (S)
- ___ OTHER 'SPRINGS' (O)

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

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

PROPERTY OWNER:

NAME: (LAST) JUSTICE (FIRST) JOHN (MI) ELLIS

ADDRESS: P.O. Box 1101

CITY: MATTHEW STATE: NC ZIP 28105

DAYTIME PHONE: ( ) 847-8628

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

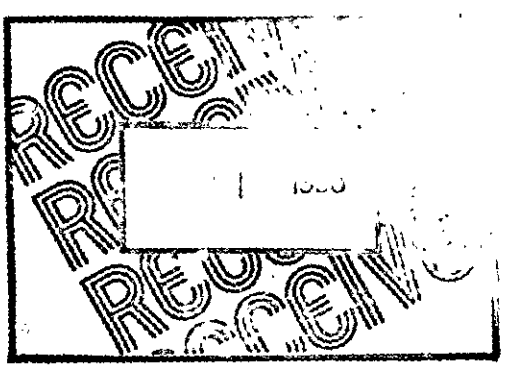
DAYTIME PHONE: ( ) —

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

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: John Ellis Justice DATE: JUNE 10th 96

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


RECEIVED

14595

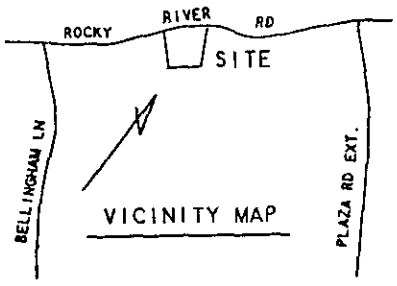
THIS IS TO CERTIFY THAT ON THE 24TH DAY OF JANUARY, 1996, I SURVEYED THE PROPERTY SHOWN ON THIS PLAT AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS IF ANY ARE SHOWN HEREON. I FURTHER CERTIFY THAT THIS PROPERTY IS NOT LOCATED WITHIN THE LIMITS OF ANY SPECIAL FLOOD HAZARD AREA.

SIGNED _____

DAVID J. DILLS N.C.R.L.S. L-2503

DSK 34
JUST

REF: DB 5338 PG 612



VICINITY MAP

NORTH CAROLINA REGISTERED SEAL L-2503 LAND SURVEYOR DAVID J. DILLS

ROCKY RIVER RD.

S 42°09'22"W
200.08' TO PK NAIL

PK NAIL

N 43°18'20"E
200.08'

EXISTING PAVEMENT

PK NAIL

100' R/W

30.00

IPF

29.6

52.18

IPF
4.37

DOT MARKER
50' O/S STA.
SC 13+38.58

35.21

IPS

N 45°15'11"E
113.14'

IPS

R/W

S 42°42'03"W
132.48'
TO DOT MARKER
50' O/S STA.
TS 10+88.58

(CHORD BEARING & DIST.)
AREA CALCULATED ALONG
SPIRAL CURVE

ARC 95.82
RADIUS 1382.39'
CH. BEARING N 49°12'37"E
CHORD 95.80'

CENTERLINE SPIRAL CURVE DATA
NCDOT PROJECT NO. 6.678004T
SHEET NO. 17

PI STA. 16+00
Δ = 30°09'39.3"
Dc = 04°00'00"
θs = 05°00'00"
Ls = 250'
Lc = 504.0232'
Rc = 1432.3945
Ts = 511.4238'
U = 166.7332'
V = 83.3938'
Se = 0.06

S 46°40'07"E
184.79

250.00' TOTAL

250.25' TOTAL

N 37°31'41"W
198.06

JAMES S. COCHRAN
DB 2414 PG 524

JUNIUS G. COCHRAN
DB 561 PG 310

GROSS AREA	1.2556 AC.
R/W AREA	0.2630 AC.
NET AREA	0.9926 AC.

S 44°00'37"W
239.85'

IPF

IPF

PROPERTY OF
ARTHUR K. AND PHYLLIS S. COCHRAN

NOTE: U.G. UTILITIES IN AREA SERVING OTHER PROPERTIES
IPF - IRON PIN FOUND
IPS - IRON PIN SET
BC - BACK OF CURB
CM - CONCRETE MONUMENT
PSDE - PUBLIC STORM DRAIN EASEMENT
S.T. - SIGHT TRIANGLE

SCALE - 1" - 40'

0 20 40 60 80

PHYSICAL SURVEY

OF
5528 ROCKY RIVER ROAD
1.2556 ACRE TRACT
CRAB ORCHARD TWSP., MECKLENBURG COUNTY, N.C.
PROPERTY OF JOHN E. JUSTICE

SEE DB 2414 - PG 193

DDS SURVEYING AND MAPPING
4400-M MORRIS PARK DRIVE
CHARLOTTE, N.C. 28227
PHONE: (704) 573-0440

1455B

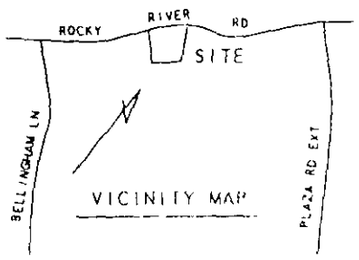
THIS IS TO CERTIFY THAT ON THE 24TH DAY OF JANUARY, 1996, I SURVEYED THE PROPERTY SHOWN ON THIS PLAT AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS IF ANY ARE SHOWN HEREON. I FURTHER CERTIFY THAT THIS PROPERTY IS NOT LOCATED WITHIN THE LIMITS OF ANY SPECIAL FLOOD HAZARD AREA.

SIGNED David J Dills

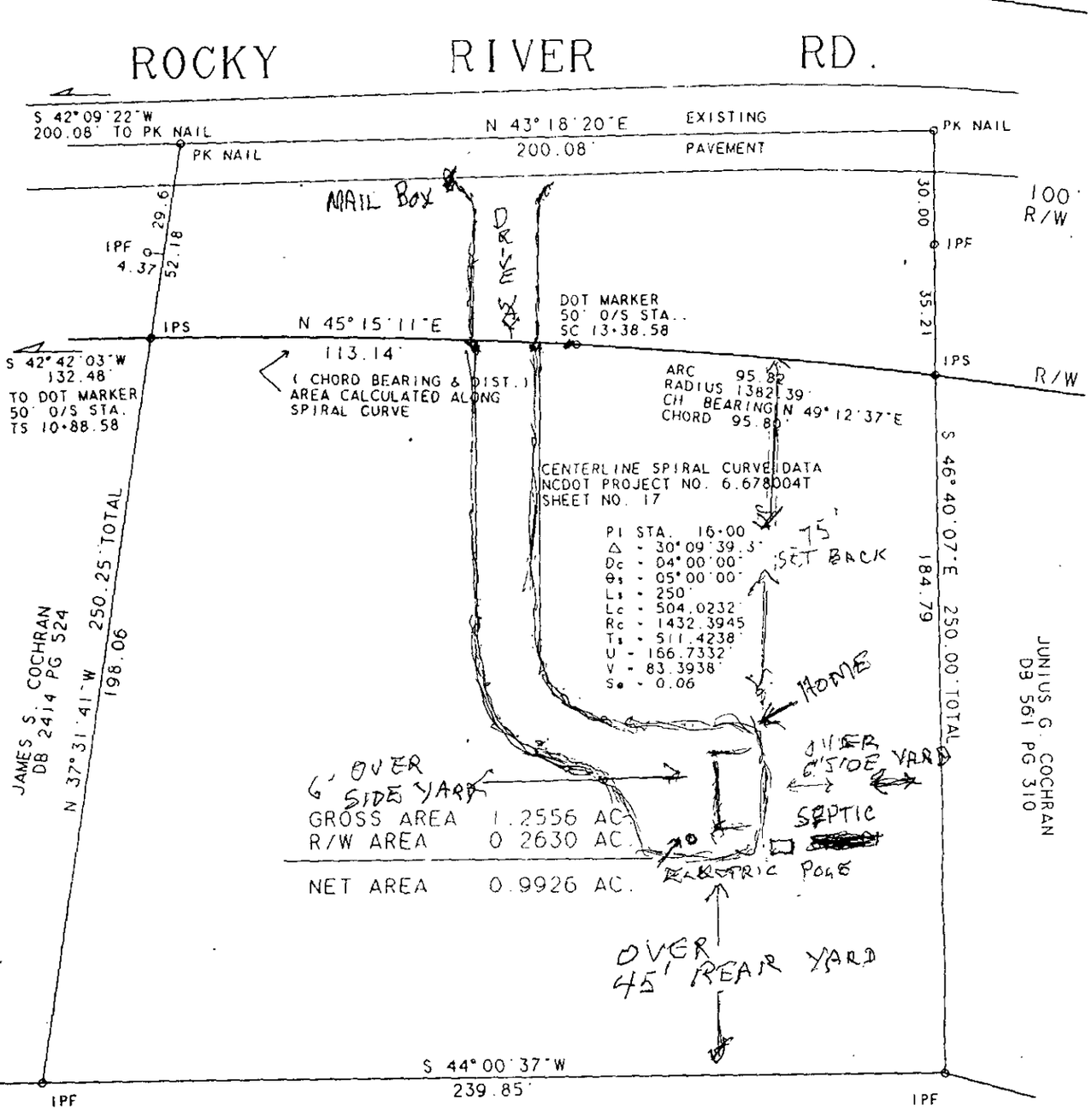
DAVID J. DILLS N.C.R.L.S. L-2503

DSK 34
JUST

REF: DB 5338 PG 612



NORTH CAROLINA REGISTERED SEAL L-2503 LAND SURVEYOR DAVID J. DILLS



PROPERTY OF
ARTHUR K. AND PHYLLIS S COCHRAN

NOTE: U.G. UTILITIES IN AREA SERVING OTHER PROPERTIES
IPF - IRON PIN FOUND
IPS - IRON PIN SET
BC - BACK OF CURB
CM - CONCRETE MONUMENT
PSDE - PUBLIC STORM DRAIN EASEMENT
S.T. - SIGHT TRIANGLE

SCALE - 1" = 40'

0 20 40 60 80

PHYSICAL SURVEY

OF
5528 ROCKY RIVER ROAD
1.2556 ACRE TRACT
CRAB ORCHARD TWSP., MECKLENBURG COUNTY, N.C.
PROPERTY OF JOHN E. JUSTICE

SEE DB 2414 - PG 193

DDS SURVEYING AND MAPPING
4400-M MORRIS PARK DRIVE
CHARLOTTE N.C. 28227
PHONE: (704) 573-0440

14556

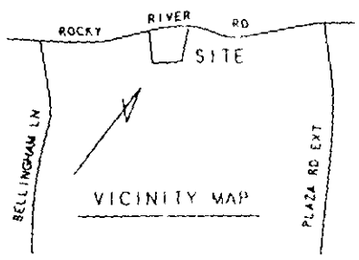
THIS IS TO CERTIFY THAT ON THE 24TH DAY OF JANUARY, 1996, I SURVEYED THE PROPERTY SHOWN ON THIS PLAT AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS IF ANY ARE SHOWN HEREON. I FURTHER CERTIFY THAT THIS PROPERTY IS NOT LOCATED WITHIN THE LIMITS OF ANY SPECIAL FLOOD HAZARD AREA.

SIGNED _____

DAVID J. DILLS N.C.R.L.S. L-2503

DSK 34
JUST

REF: DB 5338 PG 612



NORTH CAROLINA REGISTERED SEAL L-2503 LAND SURVEYOR DAVID J. DILLS

ROCKY RIVER RD.

S 42°09'22"W
200.08' TO PK NAIL

PK NAIL

N 43°18'20"E 200.08'

EXISTING PAVEMENT

PK NAIL

100' R/W

MAIL BOX

DRIVE WAY

29.6

52.18

IPF
4.37

30.00

IPF

35.21

IPS

N 45°15'11"E
113.14'
(CHORD BEARING & DIST.)
AREA CALCULATED ALONG
SPIRAL CURVE

DOT MARKER
50' O/S STA.
SC 13+38.58

IPS

R/W

S 42°42'03"W
132.48'
TO DOT MARKER
50' O/S STA.
TS 10+88.58

ARC 95.82
RADIUS 1382.39'
CH. BEARING N 49°12'37"E
CHORD 95.80'

CENTERLINE SPIRAL CURVE DATA
NCDOT PROJECT NO. 6.678004T
SHEET NO. 17

PI STA. 16+00
Δ - 30°09'39.3"
Dc - 04°00'00"
θs - 05°00'00"
Ls - 250'
Lc - 504.0232'
Rc - 1432.3945'
Ts - 511.4238'
U - 166.7332'
V - 83.3938'
Se - 0.06

75' SET BACK

184.79

S 46°40'07"E 250.00' TOTAL

HOME

OVER SIDE YARD

OVER SIDE YARD

SEPTIC

ELECTRIC POLE

6' OVER SIDE YARD

GROSS AREA 1.2556 AC.
R/W AREA 0.2630 AC.

NET AREA 0.9926 AC.

OVER 45' REAR YARD

JAMES S. COCHRAN
DB 2414 PG 524

N 37°31'41"W 250.25' TOTAL
198.06

JUNIUS G. COCHRAN
DB 561 PG 310

S 44°00'37"W
239.85'

IPF

IPF

PROPERTY OF
ARTHUR K. AND PHYLLIS S. COCHRAN

NOTE: U.G. UTILITIES IN AREA SERVING OTHER PROPERTIES
IPF - IRON PIN FOUND
IPS - IRON PIN SET
BC - BACK OF CURB
CM - CONCRETE MONUMENT
PSDE - PUBLIC STORM DRAIN EASEMENT
S.T. - SIGHT TRIANGLE

SCALE - 1" = 40'

0 20 40 60 80

PHYSICAL SURVEY

OF
5528 ROCKY RIVER ROAD
1.2556 ACRE TRACT
CRAB ORCHARD TWSP., MECKLENBURG COUNTY, N.C.
PROPERTY OF JOHN E. JUSTICE

SEE DB 2414 - PG 193

ODS SURVEYING AND MAPPING
4400-M MORRIS PARK DRIVE
CHARLOTTE, N.C. 28227
PHONE: (704) 573-0440

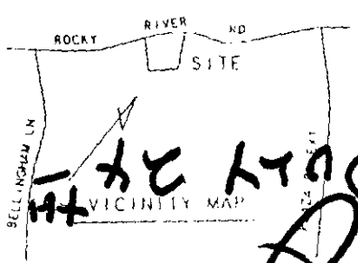
14556

THIS IS TO CERTIFY THAT ON THE 24TH DAY OF JANUARY 1996, I SURVEYED THE PROPERTY SHOWN ON THIS PLAT AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS IF ANY ARE SHOWN HEREON. I FURTHER CERTIFY THAT THIS PROPERTY IS NOT LOCATED WITHIN THE LIMITS OF ANY SPECIAL FLOOD HAZARD AREA

SIGNED _____
DAVID J DILLS N.C.R.L.S. L-2503

DSK 34
JUST

REF: DB 5338 PG 612



NORTH CAROLINA REGISTERED SEAL L-2503 LAND SURVEYOR DAVID J. DILLS

July 24th 96

Dow Dills Surveyor

ROCKY RIVER RD.

S 42° 09' 22" W
200.08' TO PK NAIL

PK NAIL

N 43° 18' 20" E
200 08'

EXISTING PAVEMENT

PK NAIL

100' R/W

30.00

IPF

35.21

IPS

R/W

MAIL BOX

DRIVE WAY

29.6

52.18

IPF
4.37

DOT MARKER
50' O/S STA.
SC 13+38.58

DOT Right of Way

IPS

N 45° 15' 11" E
113.14

S 42° 42' 03" W
132.48'
TO DOT MARKER
50' O/S STA.
TS 10+88.58

CHORD BEARING & DIST. I
AREA CALCULATED ALONG
SPIRAL CURVE

ARC 95.85'
RADIUS 1382.39'
CH BEARING N 49° 12' 32" E
CHORD 95.80'

CENTERLINE SPIRAL CURVE DATA
NCDOT PROJECT NO 6.678004T
SHEET NO 17

PI STA 16+00
Δ - 30° 09' 38.3"
Dc - 04° 00' 00"
θs - 05° 00' 00"
Ls - 250
Lc - 504.0232
Rc - 1432.3945
Ts - 911.4236
166.7332
83.3936
0.06

S 46° 40' 07" E
184.79

250.00' TOTAL

JUNIUS G. COCHRAN
DB 561 PG 310

JAMES S. COCHRAN
DB 2414 PG 524

N 37° 31' 41" W
196.06

250.25' TOTAL

Type II Repair Area

SET BACK

HOME

OVER SIDE YARD

SEPTIC

ELECTRIC POLE

OVER 45' REAR YARD

DRIVE AREA
GROSS AREA
R/W AREA
NET AREA

1.2556 AC
0.2630 AC
0.9926 AC

S 44° 00' 37" W
239.85'

IPF

PROPERTY OF
ARTHUR K AND PHYLLIS S COCHRAN

COMMENTS 3 bedroom house
1500 ST, 6 lines x 45'long x 3 feet x 12" stone
370 TLF Speed levels required
Keep septic system 7 50' from proposed well
Keep line on southern of land.
130' from front right property line to
right front house side.
70' from front right house side to
front property line
Sheet under driveway

NOTE: U.G. UTILITIES IN AREA SERVING OTHER PROPERTIES
IPF - IRON PIN FOUND
IPS - IRON PIN SET
BC - BACK OF CURB
CM - CONCRETE MONUMENT
PSDE - PUBLIC STORM DRAIN EASEMENT
S.T. - SIGHT TRIANGLE

SCALE 1" = 40'
0 20 40 60

PHYSICAL SURVEY

OF

5528 ROCKY RIVER ROAD
1.2556 ACRE TRACT

CRAB ORCHARD TWSP MECKLENBURG COUNTY, N.C.
PROPERTY OF JOHN E JUSTICE

SEE DB 2414 - PG 193

DDS SURVEYING AND MAPPING
4400-M MORRIS PARK DRIVE
CHARLOTTE, N.C. 28227
PHONE: (704) 573-0440

14556

THIS IS TO CERTIFY THAT ON THE 24TH DAY OF JANUARY, 1996, I SURVEYED THE PROPERTY SHOWN ON THIS PLAT AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS IF ANY ARE SHOWN HEREON. I FURTHER CERTIFY THAT THIS PROPERTY IS NOT LOCATED WITHIN THE LIMITS OF ANY SPECIAL FLOOD HAZARD AREA

SIGNED David J Dills

DAVID J. DILLS N.C.R.L.S. L-2503

DSK 34
JUST

REF: DB 5338 PG 612

ROCKY RIVER RD
SITE
BELLINGHAM LN
VICINITY MAP

NORTH CAROLINA REGISTERED SEAL L-2503 LAND SURVEYOR DAVID J. DILLS

July 24 96

John E. Justice

ROCKY RIVER RD.

S 42°09'22"W
200.08' TO PK NAIL

PK NAIL

N 43°18'20"E
200.08'

EXISTING PAVEMENT

PK NAIL

100' R/W

MAIL BOX

DRIVE

29.6

52.18

IPF
4.37

30.00

IPF

35.21

IPS

N 45°15'11"E
113.14'

DOT MARKER
50' O/S STA.
SC 13+38.58

DOT Right of Way

IPS

R/W

S 42°42'03"W
132.48'
TO DOT MARKER
50' O/S STA.
TS 10+88.58

( ) CHORD BEARING & DIST.
AREA CALCULATED ALONG
SPIRAL CURVE

ARC 95.82'
RADIUS 1382.39'
CH. BEARING N 49°12'37"E
CHORD 95.80'

CENTERLINE SPIRAL CURVE DATA
NCDOT PROJECT NO 6.678004T
SHEET NO 17

PI STA 16+00
Δ = 30°09'39.3"
Dc = 04°00'00"
θs = 05°00'00"
Ls = 250
Lc = 504.0232
Rc = 1432.3945
Ts = 511.4238
X = 166.7332
Y = 83.3938
P = 0.06

S 46°40'07"E
184.79'

250.00' TOTAL

75' SET BACK

JAMES S. COCHRAN
DB 2414 PG 524

N 37°31'41"W
250.25' TOTAL
198.06'

Type II Repair Area ①

Type II Repair Area ②

Type II Repair Area ③

HOME

OVER SIDE YARD

SEPTIC

OVER SIDE YARD

GROSS AREA 1.2556 AC.
R/W AREA 0.2630 AC.

NET AREA 0.9926 AC.

REA ELECTRIC POLE

OVER 45' REAR YARD

JUNIUS G. COCHRAN
DB 5611 PG 310

S 44°00'37"W
239.85'

IPF

PROPERTY OF
ARTHUR K. AND PHYLLIS S. COCHRAN

COMMENTS 3 bedroom house
1500 ST, 6 lines x 45'long x 3 feet x 12" stone
3 TYPE Speed levels required
Keep septic system 50' from proposed well
Keep trees on southern 8th of lot.
130' from front right property line to
70' from front right house stake.
10' from front property line
to front right house stake.
Sleeve under driveway

NOTE: U.G. UTILITIES IN AREA SERVING OTHER PROPERTIES
IPF - IRON PIN FOUND
IPS - IRON PIN SET
BC - BACK OF CURB
CM - CONCRETE MONUMENT
PSDE - PUBLIC STORM DRAIN EASEMENT
S.T. - SIGHT TRIANGLE
SCALE 1" = 40'
0 20 40 60

PHYSICAL SURVEY

OF
5528 ROCKY RIVER ROAD
1.2556 ACRE TRACT
CRAB ORCHARD TWSP., MECKLENBURG COUNTY, N.C.
PROPERTY OF JOHN E. JUSTICE

SEE DB 2414 - PG 193

DDS SURVEYING AND MAPPING
4400-M MORRIS PARK DRIVE
CHARLOTTE, N.C. 28227
PHONE: (704) 573-0440

2400 CERT

FEE: _____ **AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
DATE: _____ **VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 7/24/96 PERMIT NO: 1455B

PARCEL NO: _____

JOB LOCATION ADDRESS: 5528 Rocky River Rd

PROPERTY OWNER: John E. Justice

BUILDING CONTRACTOR: —

SUBDIVISION NAME: NA

AUTHORIZATION ISSUED BY: Phillip S. Walker R.S. DATE: 7/24/96

DEHNR AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 1455B, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. OTHER CONDITIONS: _____

OWNER CERTIFICATION

I CERTIFY THAT THERE HAVE BEEN NO ALTERATIONS IN SITE OR SOIL CONDITIONS OR MODIFICATIONS TO FACILITY, WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS FROM THOSE SPECIFIED IN THE ORIGINAL APPLICATION OR ASSOCIATED IMPROVEMENT PERMIT UNLESS AUTHORIZED IN WRITING BY THE MECKLENBURG COUNTY HEALTH DEPARTMENT. I ALSO UNDERSTAND THAT ANY SUCH ALTERATIONS, MODIFICATIONS, OR FALSE INFORMATION ARE GROUNDS FOR REVOCATION OF PERMITS AND AUTHORIZATION TO CONSTRUCT.

X John Ellis Justice — July 24th 96

SIGNATURE OF OWNER/OWNER'S REPRESENTATIVE — DATE

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

DHO

Sheet
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

#2 145'SB
105 - 291-05

OWNER: John E. Jenkins
ADDRESS: PO Box 1101, Murfreesboro
APPLICANT:
APPLICATION DATE:
DATE EVALUATED:
PROPOSED FACILITY: residence
PROPOSED DESIGN FLOW (.1949): 240gpd
PROPERTY SIZE: .99
LOCATION OF SITE: 5528 Rocky Ridge Road
PROPERTY RECORDED:
WATER SUPPLY: ☑ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	Slopes 3-12% 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	0-4"	gr/cl	Fr/SEXP/SS/SP	7 48" TO Chroma 2 colors	48"	N/A	None	PS .39/12 IV
		4-40"	SBK/C	Fr-Fi/SEXP/SS/P					
		40-48"	SBK/cl	Fr/SEXP/SS/SP					
2	R	0-3"	gr/scl	Fr/SEXP/SS/SP	7 8" TO Chroma 2 Colors	8"	N/A	None	US
		3-8"	SBK/C	Fi/SEXP/S/P					
3	R.	0-2"	gr/cl	Fr/SEXP/SS/SP	7 16" TO Chroma 2 Colors	16"	N/A	None	US
		2-12"	SBK/C	Fr-Fi/SEXP/SP					
		12-16"	SBK/cl	Fr/SEXP/SS/SP					
4	NS	0-8"	gr/scl	Fr/SEXP/SS/SP	7 8" TO Chroma 2 Colors	8"	N/A	None	
		Saprolite @ 8"							

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): Unsuitable
EVALUATED BY: William A. Marklin
OTHER(S) PRESENT:

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

Sheet
PROPERTY ID #:
COUNTY:

1455-B

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ 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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	LS	0-3"	gr/sc/	Fr/SE/AP/SS/NP	> 46" To Chroma 2 Colors	46"	N/A	None	PS .39/F2 IV
		3-46"	SBK/C	Fr-Fi/SE/AP/SS/P					
6	LS	0-6"	gr/cl	Fr/SE/AP/SS/NP	> 46" To Chroma 2 Colors	46"	N/A	None	PS .39/F2 IV
		6-46"	SBK/C	Fr-Fi/SE/AP/SP					
7	LS	0-4"	gr/cl	Fr/SE/AP/SS/NP	> 43" To Chroma 2 Colors	43"	N/A	None	PS .39/F2 IV
		4-48"	SBK/C	Fr-Fi/SE/AP/SP					
4									

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

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

OMMENTS: 1407 Repair

LEGEND

use the following standard abbreviations

ANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL 1955 LTAR	EPP 1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
C (Concave Slope) V (Convex Slope) (Drainage Way) S (Debris Slump) P (Flood Plain) S (Foot Slope) (Head Slope) (Linear Slope) (Nose Slope) (Ridge) (Shoulder Slope) (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive) SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	SI (Silt) SICL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SLC (Silt Loam Clay)	0.6 - 0.3	0.3 - 0.15		
					MOIST	WET
	IV	SC (Sandy Clay) SIC (Silty Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None			

OTES

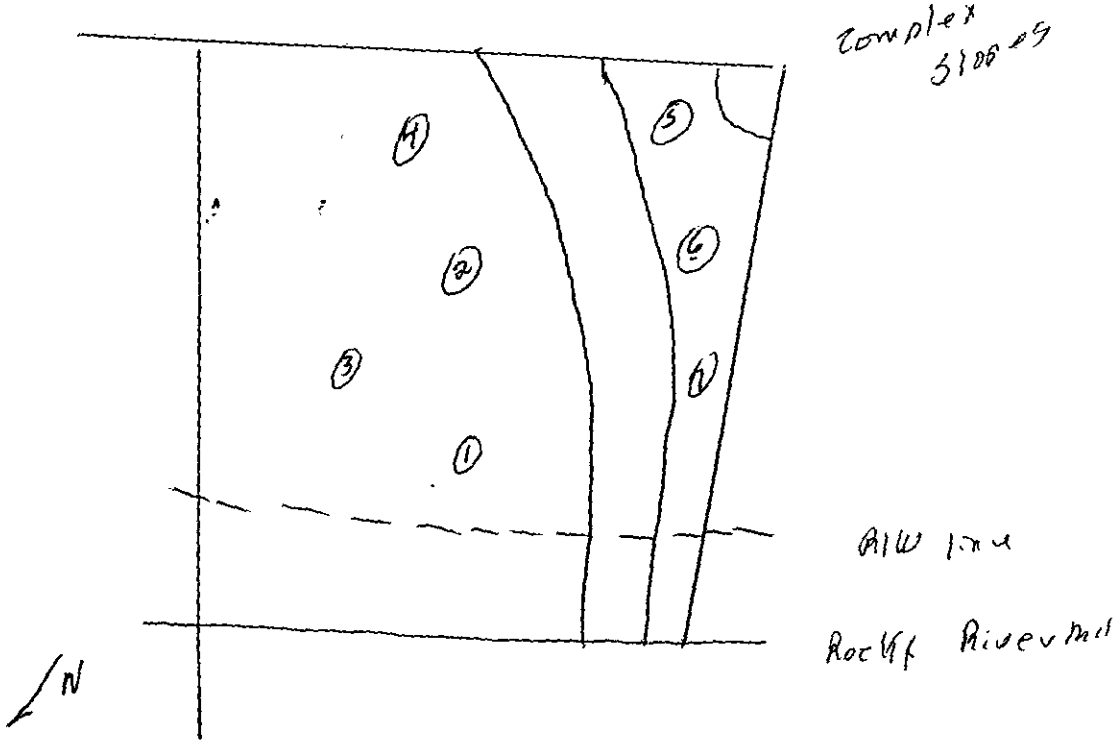
ORIZON DEPTH	In inches below natural soil surface
EPTH OF FILL	In inches from land surface
STRUCTIVE HORIZON	Thickness and depth from land surface
APROLITE	S(suitable) or U(unsuitable)
OIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
LASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

valuation of saprolite shall be by pits.

ong-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).

1455 B



1455B

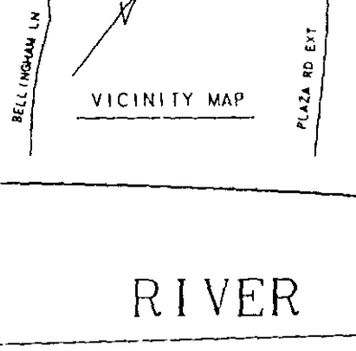
THIS IS TO CERTIFY THAT ON THE 24TH DAY OF JANUARY, 1996, I SURVEYED THE PROPERTY SHOWN ON THIS PLAT AND THAT THE TITLE LINES AND THE WALLS OF THE BUILDINGS IF ANY ARE SHOWN HEREON. I FURTHER CERTIFY THAT THIS PROPERTY IS NOT LOCATED WITHIN THE LIMITS OF ANY SPECIAL FLOOD HAZARD AREA

SIGNED _____

DAVID J. DILLS N.C.R.L.S. L-2503

DSK 34
JUST

REF. DB 5338 PG 612



NORTH CAROLINA REGISTERED SEAL L-2503 LAND SURVEYOR DAVID J. DILLS

ROCKY RIVER RD.

S 42°09'22"W
200.08' TO PK NAIL

PK NAIL

N 43°18'20"E 200.08'

EXISTING PAVEMENT

PK NAIL

100' R/W

MAIL BOX

DRIVEWAY

29.61

S2.18

IPF
4.37

30.00

IPF

35.21

IPS

N 45°15'11"E
113.14'
(CHORD BEARING & DIST.)
AREA CALCULATED ALONG SPIRAL CURVE

DOT MARKER
50' O/S STA..
SC 13+38.58

IPS

R/W

S 42°42'03"W
132.48'
TO DOT MARKER
50' O/S STA.
TS 10+88.58

ARC 95.82
RADIUS 1382.39'
CH BEARING N 49°12'37"E
CHORD 95.80'

CENTERLINE SPIRAL CURVE DATA
NCDOT PROJECT NO. 6.678004T
SHEET NO 17

PI STA 16+00
Δ = 30°09'39.3"
Dc = 04°00'00"
θs = 05°00'00"
Ls = 250'
Lc = 504.0232'
Rc = 1432.3945'
Ts = 311.4238'
U = 166.7332'
V = 83.3938'
Se = 0.06

15' SET BACK

184.79

S 46°40'07"E 250.00' TOTAL

JAMES S. COCHRAN
DB 2414 PG 524

N 37°31'41"W 250.25' TOTAL
198.06

HOME

6' OVER SIDE YARD

OVER 6' SIDE YARD

SEPTIC

ELECTRIC POLE

GROSS AREA 1.2556 AC.
R/W AREA 0.2630 AC.

NET AREA 0.9926 AC.

OVER 45' REAR YARD

S 44°00'37"W
239.85'

IPF

IPF

JUNIUS G. COCHRAN
DB 561 PG 310

PROPERTY OF
ARTHUR K AND PHYLLIS S COCHRAN

NOTE: U G UTILITIES IN AREA SERVING OTHER PROPERTIES
IPF - IRON PIN FOUND
IPS - IRON PIN SET
BC - BACK OF CURB
CM - CONCRETE MONUMENT
PSDE - PUBLIC STORM DRAIN EASEMENT
S T. - SIGHT TRIANGLE

PHYSICAL SURVEY

OF
5528 ROCKY RIVER ROAD
1.2556 ACRE TRACT
CRAB ORCHARD TWSP., MECKLENBURG COUNTY, N.C
PROPERTY OF JOHN E. JUSTICE

SEE DB 2414 - PG 193

DDS SURVEYING AND MAPPING
4400-M MORRIS PARK DRIVE
CHARLOTTE N C 28227
PHONE: (704) 573 0440