

16105 LANGSTON DR

21710120

5/10/2007

duponbj

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

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 3815A

TC: _____

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: 16101 LANGSTON DRIVE

② SUBDIVISION: N/A ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: 217 PAGE NO.: 101 PARCEL NO.: 08

⑥ DEED REFERENCE: BOOK NO.: 5452 PAGE NO.: 0695

OWNER

⑦ NAME: DAVID (FIRST) FRANKLIN (MIDDLE) BROWN (LAST)

⑧ MAILING ADDRESS: 6618 DIXIE ROAD

⑨ CITY: CHARLOTTE ⑩ STATE: NC ⑪ ZIP: 28208

⑫ PHONE: (WORK) 371-6569 (WIFE) ~~548-0000 (HUSBAND)~~ (HOME) 588-3071

⑬ Accurately diagram and dimension lot.

SEE ATTACHED

⑭ The undersigned, 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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property ~~for the purpose~~ of processing this request.

Signed: David F. Brown

Date: 8-19-87

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY

3815A

MECKLENBURG COUNTY

Department of Environmental Health

September 14, 1987

David F. Brown
6618 Dixie Road
Charlotte, NC 28208

Dear Mr. Brown:

A preliminary investigation of soils and topography was made on a portion of the tract (217-1010-08) located on Langston Drive. The purpose of the investigation was to determine soil suitability for septic tank system installation. A soils map was prepared and a copy is enclosed.

The majority of the soils on the tract are quite variable. Generally speaking, they have clay subsoil horizons that are blocky in structure. Depth to ground water is greater than thirty-six inches. Slopes range to approximately fifteen percent but are generally ten percent or less. Soil depth is quite variable, ranging from approximately twenty inches to deeper than thirty-six inches. Most of the borings that are deeper than thirty-six inches were on lot 3.

A drainageway depression, some complex slopes, and an area of soils with old field terraces are also present. The drainageway depression collects and channels surface runoff and generally is not adaptable for the installation of septic tank systems. The complex slop areas are irregular with respect to slope and are not generally adaptable for the installation of septic tank systems. The field terraces are found primarily on lots 3, 4, and 5 and would limit the areas where septic tank systems could be installed.

An area of soils with expanding clay minerals is present on the tract. These clay minerals tend to swell when wet, reducing soil pore space and natural soil water movement. These soils are also shallow to saprolite, ranging from approximately eighteen to thirty inches to saprolite.

The areas marked with yellow lines on the enclosed map appear to be unacceptable for installation of septic tank systems.

1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

The rest of the tract has soils of mixed depth. It is recommended that specific locations for septic tank system locations be identified on the proposed lots and borings made in those areas. Please contact me if there are any questions with regard to this report.

Sincerely,

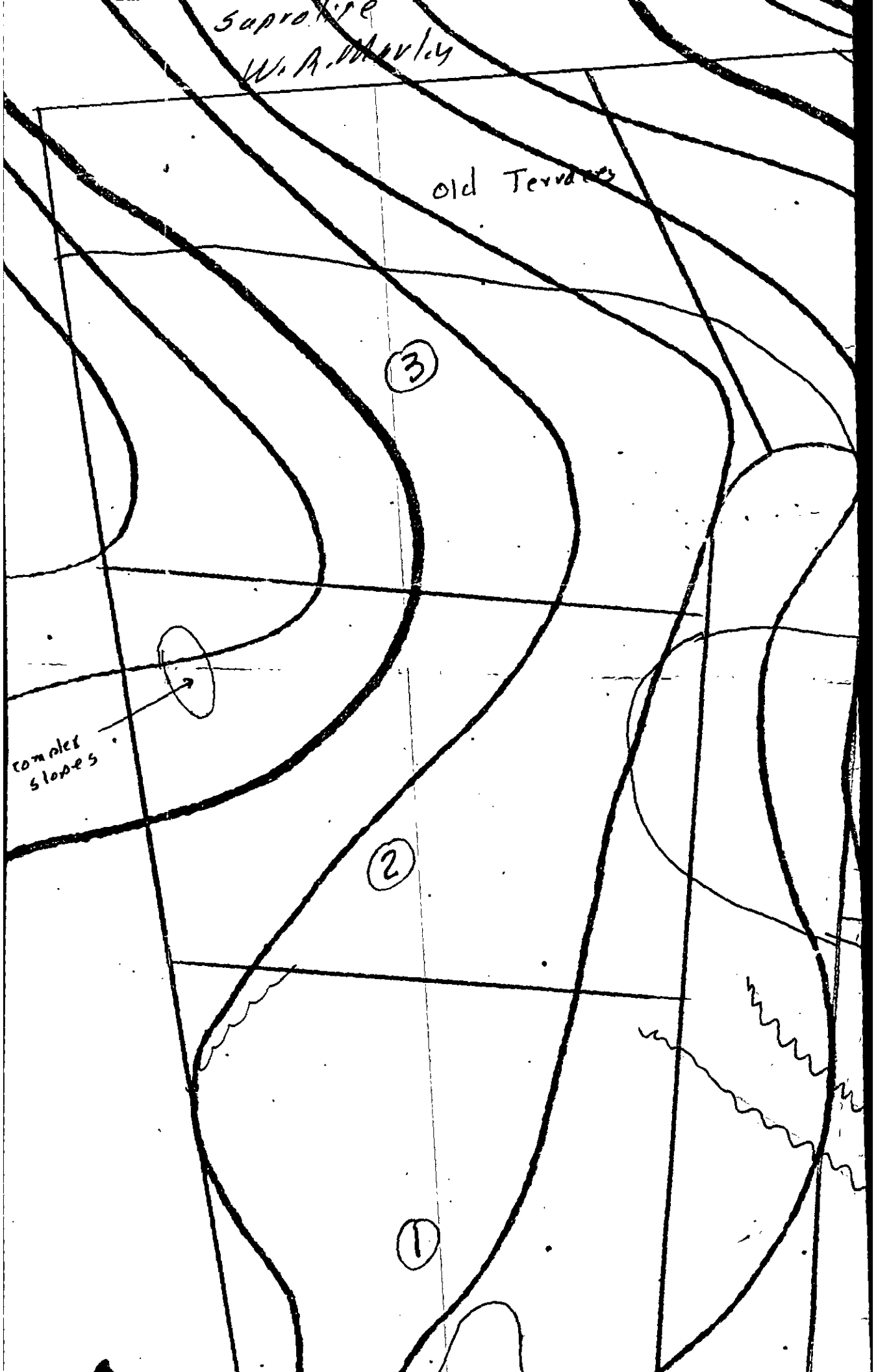
William R. Marlin

William R. Marlin
Soil Scientist

WRM/ir

Enclosure

Soils w/
Expanding
clay
4
5
6
7
940
960
980
1000
Drainageway
Depression


saprolite
W. A. Overlay
old Terrace
3
2
1
remaker slopes

APPLICATION FOR SOIL INVESTIGATION

1/13/88 Pd 300
CK#1573 DM

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 3815A

TC: 217-101-17P0

☐ PC ☐ REPT

Deed # 5452-695 Parcel # 217 10 117

JOB LOCATION

① ADDRESS: Langston Dr off Red Fox Club Rd

② SUBDIVISION: _____ ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: 217 PAGE NO.: 10 PARCEL NO.: 17

⑥ DEED REFERENCE: BOOK NO.: 5452 PAGE NO.: 695

OWNER

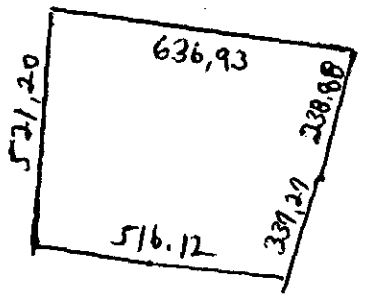
⑦ NAME: David (FIRST) Caldwell (MIDDLE) Suddreth II (LAST)

⑧ MAILING ADDRESS: 7637 Coffey Creek Dr

⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: 28217

⑫ PHONE: (WORK) 523-7124 (HOME) 527-1910

⑬ Accurately diagram and dimension lot.



⑭ The undersigned, 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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: D. C Suddreth

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

Date: 1-13-88

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY

MECKLENBURG COUNTY

Department of Environmental Health
January 29th, 1988

David Caldwell Suddreth, II
7637 Coffey Creek Drive
Charlotte, NC 28217

RE: Property located at 16101 Langston Drive
FILE: 3815A
PARCEL: 21710108

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. Results of the investigation revealed that the lot contains soils which have been classified as PROVISIONALLY SUITABLE in accordance with the provisions of 10 NCAC 10A .1900. A copy of the Site Evaluation Report (Serial Number 11731) deliniating the soil types and their respective classifications is enclosed.

While this classification indicates the site is acceptable for the installation of a septic tank system, no specific system or plans have been approved. The area available for such an installation may impose limitations on the size and/or type construction permitted on the lot. Specific plan approval will be provided upon submission of an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems and determination that the area is adequate to accomodate the proposed construction.

Please note that this classification may be revoked if any filling, grading or construction (including the drilling of a well) is performed on the lot which in the opinion of this Department renders any area previously designated suitable for system installation, unsuitable. Futhermore, this approval may be revoked should any changes occur in the regulations under which it was granted, if such changes would have prevented its approval had they been in effect on the date of issuance.

If there are any questions concerning this matter, do not hesitate to contact me.

Sincerely,

Sylvia D. Daniel, R.S.
Environmental Health Supervisor
Environmental Resources Division

enclosure

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 11731

File: 3815A Action 4

Parcel: PO 217-101-17 ☐ PC

Location: Langston Drive

Subdivision:

Lot: Block: Acres: Approx .69

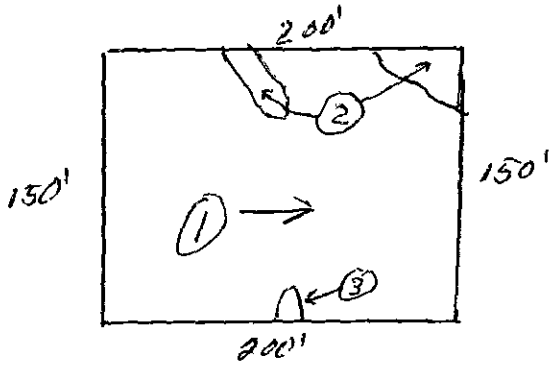
Owner: David Calwell Suddreth, II
Address: 7637 Coffey Creek Drive
Charlotte, N. .C. 28217

Comments: _____

Described by: William A. Marlin

Date: 1-29-98

Dimensions Approximate



Langston Dr.

***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-8%	S PS (U) complex slopes	S PS (U) Depression	S PS U	S PS U	S PS U
Texture	S (PS) U clay	S PS U —	S PS U —	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U —	S PS U —	S PS U	S PS U	S PS U
Drainage	S (PS) U 36" to water	S PS U —	S PS U —	S PS U	S PS U	S PS U
Depth	S (PS) U 36"	S PS U —	S PS U —	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 36"	S PS U —	S PS U —	S PS U	S PS U	S PS U
Available Space	S (PS) U	S PS U	S PS U —	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	IVA Cecil-Lilly	complex slopes	Depression			
Area Classification	S (PS) U	S PS (U)	S PS (U)	S PS U	S PS U	S PS U

2/2/88 Paid #100.00 Demo Rental

APPLICATION FOR AN IMPROVEMENT PERMIT

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

(OFFICE USE ONLY)
FILE: 3815A
TC: _____
SERIAL: Nº 15433 ☐ L ☐ CRT

JOB LOCATION

① ADDRESS: 16105 (STREET NO.) Langston (STREET) ② FILE: _____
③ JURISDICTION: _____ ④ TAX PARCEL NO.: 217-101-17
⑤ SUBDIVISION: _____ ⑥ LOT: _____ ⑦ BLOCK: _____

OWNER

⑧ NAME: David (FIRST) Caldwell (MIDDLE) Suddreth II (LAST)
⑨ MAILING ADDRESS: 1631 Coffey Creek Dr
⑩ CITY: Charlotte ⑪ STATE: NC ⑫ ZIP: 28217
⑬ PHONE: (WORK) 704-523-1124 ⑭ (HOME) 704 [redacted] 521-4910

REQUEST

This request is for a(n): 570.6043
⑮ ☑ New permit ⑰ ☐ Authorization for mobile home exchange
⑯ ☐ Repair or alteration permit ⑱ ☐ Other (specify) _____

DESIGN CRITERIA

System will serve:
⑲ ☑ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly
㉒ Number of bedrooms? 3 ㉕ Type? _____
㉓ Maximum occupancy? 2- ㉖ Maximum number of employees? _____
㉔ Basement? ☐ yes ☑ no ㉗ Maximum number of seats? _____

WATER SUPPLY

㉘ Water supply from (present or proposed):
A ☑ Individual well
B ☐ Municipal system
C ☐ Community well
D ☐ Community system

㉙ The undersigned, 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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: David C Suddreth II
Date: 2/2/88

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect 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 permit is issued by this Department.

. . . This permit is not transferable, and shall become null and void 36 months from the date of issuance.

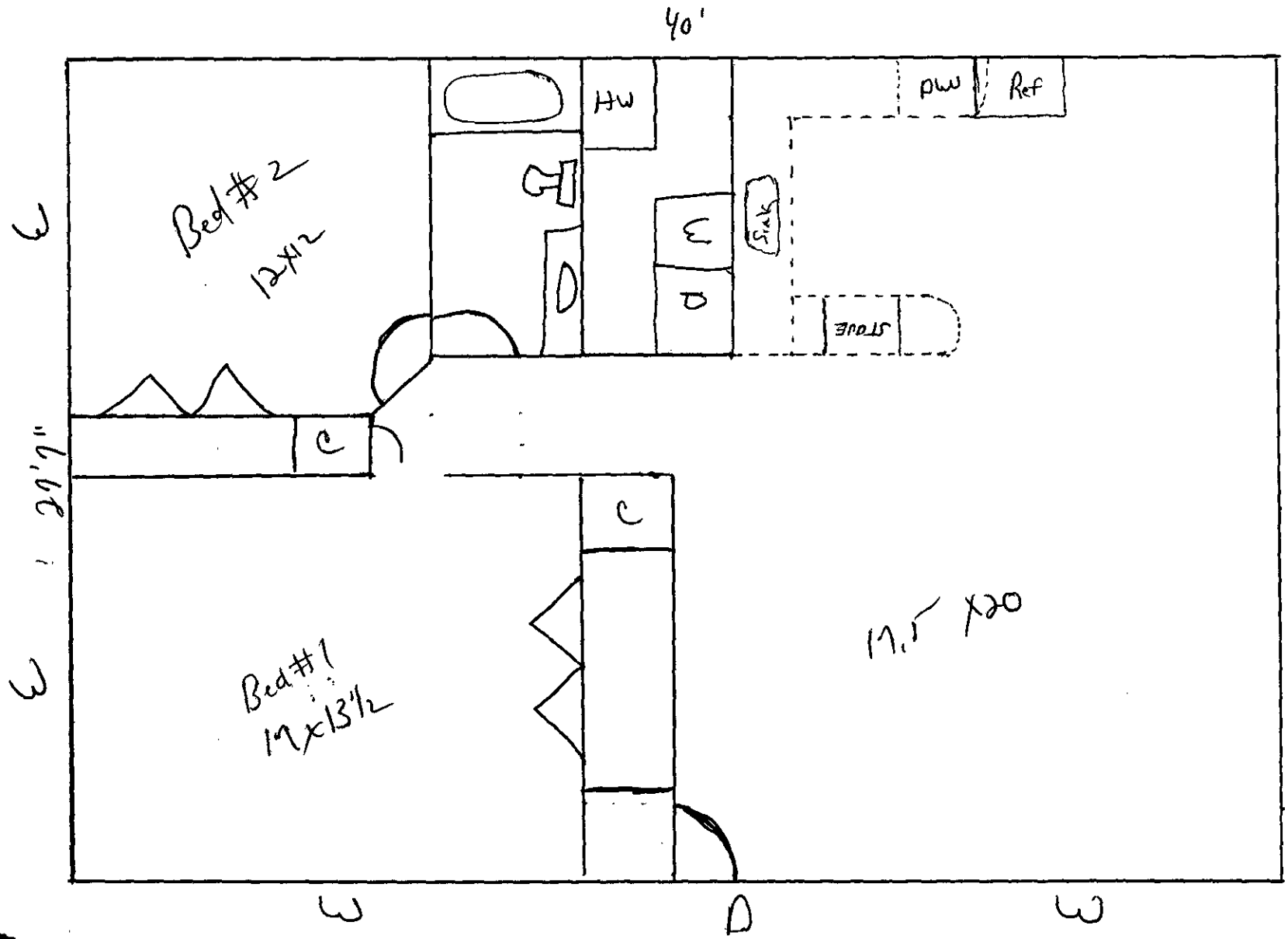
Judy J Davis R.S. 2/3/88
Environmentalist Date

Director or Authorized Section Head 2/4/88 Date

*This permit must be signed by the Director of Environmental Health or an authorized section head in order to be valid.

3815A

Plot Plan for [redacted] Future Will Gage Be Two Bedroom Home Until Primary Structure Complete Plumbing Removed When Occupying New Home.



DATE: 2-2-88

TO: ENVIRONMENTAL HEALTH

FROM: COUNTY ENGINEERING

END FILE 3815A JURISDICTION CODE Meck

PARCEL NUMBER 217-101-[illegible] 20

ASSIGNED ADDRESS 16105 Langston Dr

EXISTING ADDRESS

PROJECT NAME N/A

THE ABOVE DESCRIBED LOCATION HAS BEEN CHECKED CONCERNING:

	APPROVED	NOT APPROVED
1. SUBDIVISION REGULATIONS	☐	☐ *
2. FLOODWAY REGULATIONS	☐	☐ *
3. EROSION CONTROL REGULATIONS	☐	☐ *
4. COMMERCIAL DRAINAGE PLAN	☐	☐ *
	PRESENT	**NOT PRESENT**
5. PUBLIC UTILITY EASEMENT	☐ *	☑
	YES	**NO**
6. PROPERTY FRONTS ON THOROUGHFARE	☑ *	☐
	YES	**NO**
7. DRIVEWAY PERMIT REQUIRED	☐ *	☑

* If checked, further investigation will be required to determine whether a building permit may be issued by Building Standards for the site.

REMARKS: Septic Tank

NOTE: THIS FORM MUST BE TURNED IN AT THE CASHIERS OFFICE AT BUILDING STANDARDS WHEN PAYING PERMIT FEES.
A CERTIFICATE OF OCCUPANCY WILL NOT BE GRANTED UNTIL THE TRANSPORTATION DIVISION GRANTS FINAL APPROVAL ON DRIVEWAY(S).

SIGNED: [signature]

OPWEAR 02/86

Date : March 7, 1988

To : File

From : Judy Kiser

Re: 11605 Langston Rd File 38/5A

Lot was Approved on February 3, 1988 for 3 bedroom home. Plot plan is on file. There is an attached garage on the plan.

On March 4, 1988 Mr. Sudduth (owner) requested Approval Construction of Garage first. Plumbing will be installed so he can occupy this unit while building his home. On Completion of home all plumbing will be removed from garage unit before occupancy is released on home.

Septic System installation will be for 3 bedroom ~~home~~ home.

March 25, 1991
Site Visit to Approve existing system for Construction of 3 bedroom home - existing garage (used as 1 bedroom) to be converted to garage.

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 03/21/91

Name/Company: [illegible]

Complex - Tank

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: [illegible]

Existing Installation

1605 Camden Dr.

Fire # 3815A

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
MAR 21 1991

Fee: 25.00 CK # 1525.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

[illegible]

Completed by

[illegible]

Collected by

APPLICATION FOR AN IMPROVEMENT PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

(OFFICE USE ONLY)
FILE: 3815A
TC: _____
SERIAL: № 21761 ☑ L ☑ CRT

JOB LOCATION

① ADDRESS: 16105 (STREET NO.) Langston Dr (STREET) ② FILE: _____
③ JURISDICTION: _____ ④ TAX PARCEL NO.: 219-101-17
⑤ SUBDIVISION: _____ ⑥ LOT: _____ ⑦ BLOCK: _____

OWNER

⑧ NAME: David (FIRST) Caldwell (MIDDLE) Suddreth (LAST)
⑨ MAILING ADDRESS: 16105 Langston Dr
⑩ CITY: Charlotte ⑪ STATE: NC ⑫ ZIP: 28278
⑬ PHONE: (WORK) _____ ⑭ (HOME) _____

REQUEST

This request is for a(n):

⑮ ☐ New permit
⑯ ☐ Repair or alteration permit
⑰ ☐ Authorization for mobile home exchange
⑱ ☐ Other (specify) Use Existing System

DESIGN CRITERIA

System will serve:

⑲ ☑ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly
㉒ Number of bedrooms? 3 ㉕ Type? _____
㉓ Maximum occupancy? 2 ㉖ Maximum number of employees? _____
㉔ Basement? ☐ yes ☐ no ㉗ Maximum number of seats? _____

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☑ Individual well
B ☐ Municipal system
C ☐ Community well
D ☐ Community system

㉙ The undersigned, 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: _____
Date: 3/21/91

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws And Rules For Sanitary Sewage Collection, Treatment And Disposal in effect 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 permit is issued by this Department.
... This permit is not transferable, and shall become null and void 60 months from the date of issuance. May use existing system for new 3 bedroom home. No bedrooms added

Environmentalist _____ Date 3/26/91
*Director or Authorized Section Head _____ Date 3/26/91

*This permit must be signed by the Director of Mecklenburg County Health Department or an authorized section head in order to be valid.

PROPOSED PLOT PLAN

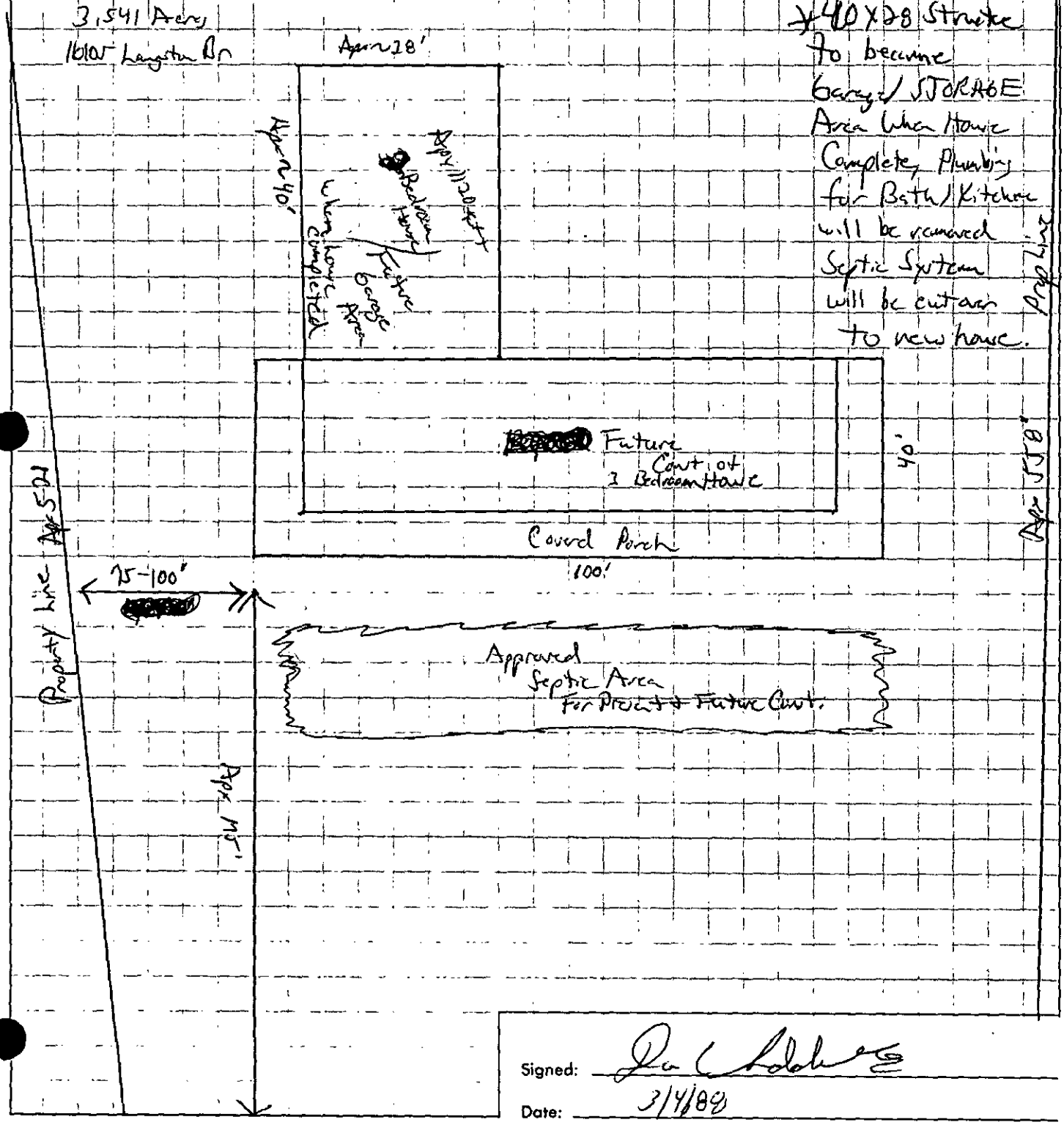
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 3015H

TC: _____

* All SKETCHES Approximate

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.



Signed: _____

Date: 3/4/88

Road Frontage 258'

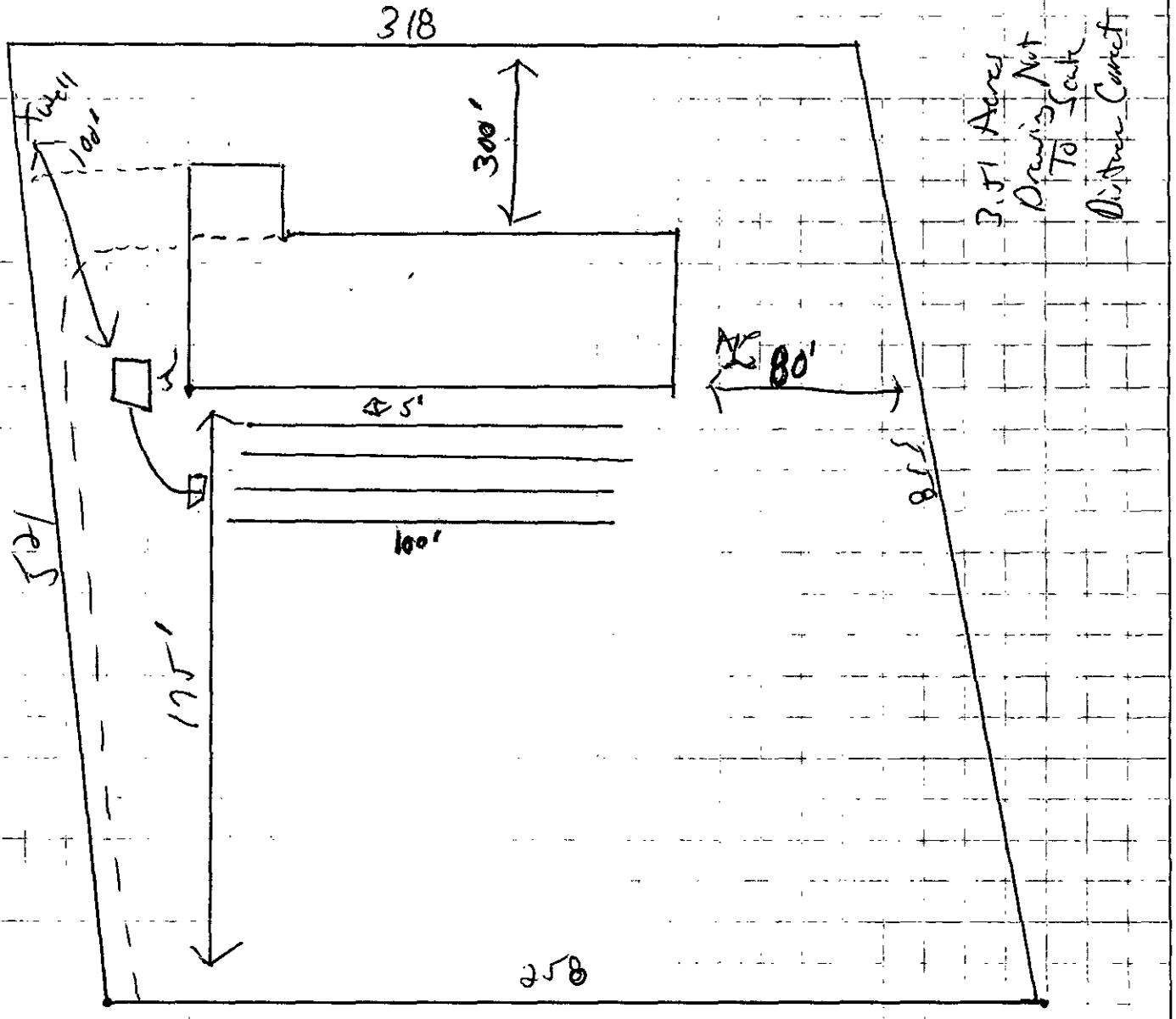
PROPOSED PLOT PLAN

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 3815A

TC: _____

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.



Signed: _____

Date: 2/3/88

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR PERMIT

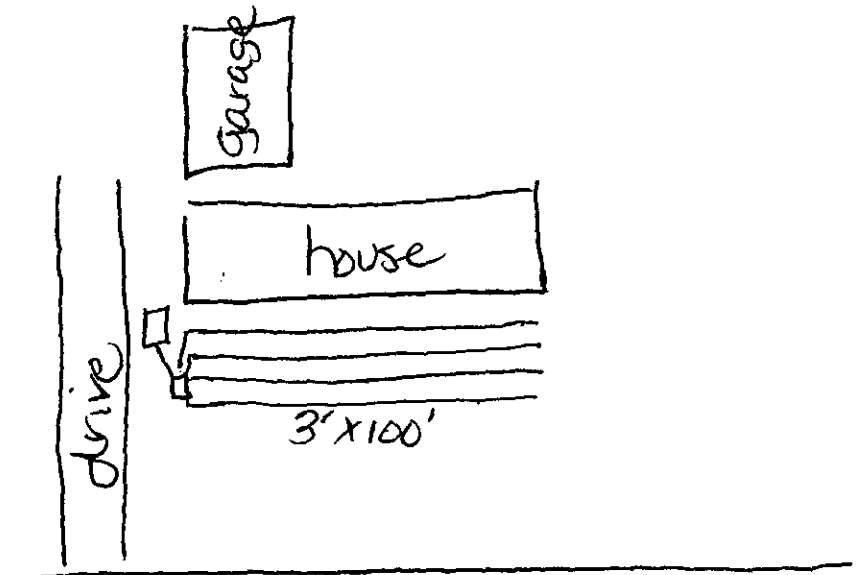
MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 3815A DATE: 6/17/88

TC: 217-101-17 ☐ L

SERIAL № 11984

Permission is hereby given to ✓ ~~Install~~ or Construct, _____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 2/2/88. All work shall be completed on or before 7/1/88, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 10 NCAC 10A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Department of Environmental Health before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.



PLOT OF SYSTEM

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank — gallons

Tank Construction PCC

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Total Line Length 400 feet

Number of Lines 4

Depth of Stone 12 inches

Distance from House >5 feet

Distance from Property Line >10 feet

Distance from Well >100 feet

NAME OF OWNER David Caldwell Suddreth II

LOCATION OF PROPERTY 16105 Langston

Comments: 4 trenches 3'x100' x 12" stone; straw cover

S. Daniel RS
Division or Section Head

Darla W Johnson, R.S
Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or a section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER OR AGENTS COPY

CERTIFICATE OF COMPLETION/OPERATION PERMIT

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 3815A DATE: 7/1/88

TC: 217-101-17 ☐ L ☑ CRT

SERIAL № 11261

Name of Owner David Caldwell Suddreth, II Juris.:

Address of Property 16105 Langston

Inspection Data:

Tank Material PCC

Total Length of Drainfield 400'

Number of Lines 4 @ 100'

Cover Depth 12"

Water Supply Source well

Distance to Water Source >50'

Excavation Inspected 7/1/88

Tank(s) Inspected 7/1/88

Wash Line Inspected —

High Water Alarm Inspected —

PLOT

Design: 1986, 1500ST, CON, 1200SFT, 126, Cecil CTR# 16

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☑ installed or constructed ☐ altered or repaired

☑ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of 10 NCAC 10A .1900, "Laws And Rules For Sanitary Sewage Collection, Treatment, And Disposal" in effect on the date of issuance of the permit. The issuance of this

☑ Certificate of Completion ☐ Operation Permit

does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 10 NCAC 10A .1900 in addition to those listed below under "COMMENTS." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

COMMENTS:

Laura A. Johnson, RS.
Environmentalist

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.