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Groundwater and Wastewater Services File Imaging Project
May 2007
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BM 400 ☑ Pd 300.00 Ck#3542 2-4-92 MB

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

#8031A/141B RC ☑ [] L

Mecklenburg County Health Dept.
Environmental Health Division
c/o Hal Marshall Ctr., Suite 211
700 N. Tryon St.
Charlotte, NC 28202

(704)336-5102

PERSON FILING APPLICATION:
NAME: Helms (last) Marlon (first) C. (mi)
ADDRESS: 9331 Albemarle Rd PHONE: (704) 537-3443
CITY: Charlotte STATE: NC ZIPCODE: 28227

Date: 2-4-92

PROPERTY OWNER:
NAME: Helms (last) Charlie & Edna (first) (mi)
ADDRESS: 9331 Albemarle Rd PHONE: (__) 537-3443
CITY: Charlotte STATE: NC, ZIPCODE: 28227

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: 108-101-07 po
STREET ADDRESS: Castle Garden Ln
ZONING:

Township (check one):
☑ 0 Mecklenburg County [] 2 Davidson [] 4 Pineville [] 6 Huntersville
[] 1 Charlotte [] 3 Cornelius [] 5 Matthews [] 7 Mint Hill

SUBDIVISION OR MOBILE HOME PARK NAME: Castle Gardens

LOT NUMBER: LOT SIZE (in acres): 25 ±

TYPE APPLICATION (check one):
☑ SOIL TEST - INDIVIDUAL LOT (D)
[] NEW CONSTRUCTION ON VACANT LOT - 4 BEDROOMS OR LESS (N)
[] EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
[] ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A or M)
[] COMMERCIAL OR INDUSTRIAL (N)
☑ SOIL TEST DEVELOPMENT (P)
[] ADDITION - GARAGE OR RENOVATION/NO MAJOR CHANGES (X)
[] MODIFIED /ALTERNATIVE/ OR RESIDENCE > 4 BEDROOMS (Z)
[] REPAIR TO SYSTEM (R)

RESIDENTIAL PROPERTY (Type Building, check one):
[] SINGLE MOBILE HOME (S) [] HOUSE (H) [] MULTIPLE FAMILY (U)
[] DOUBLE WIDE (D) [] MODULAR HOME (M) [] OTHER _____ (O)

NUMBER BEDROOMS: NUMBER OCCUPANTS:
SYSTEM CLASSIFICATION:

COMMERCIAL/INDUSTRIAL PROPERTY:
Type Business _____ # Employees ___ Per Shift ___ ___ ___
Industrial Wastes (Y/N) ___
Underground Storage Tanks On Property (Y/N) ___ Type _____

WATER SUPPLY (check one):
[] Community (C) [] Shared Well (S)
[] Municipal (M) [] Other 'spring' (O)
[] Private Well (P)

FUTURE ADDITIONS - ALL PLANNED ADDITIONS MUST BE ENTERED (check all that apply):
[] Swimming Pool [] Jacuzzi [] Stable/Barn [] Workshop [] None
[] Garage [] Storage Building [] Deck/Patio [] Bedrooms [] Other

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: Marlon C. Helms Date: 2-4-92

NOTICE:

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department has approved the 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 approval is granted by this Department.

...This permit is not transferable.

...

[] IMPROVEMENT PERMIT - VALID 60 MONTHS FROM ISSUANCE
[] MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE
[] ADDITION/RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE

Environmentalist Date

Director or Authorized Section Head Date

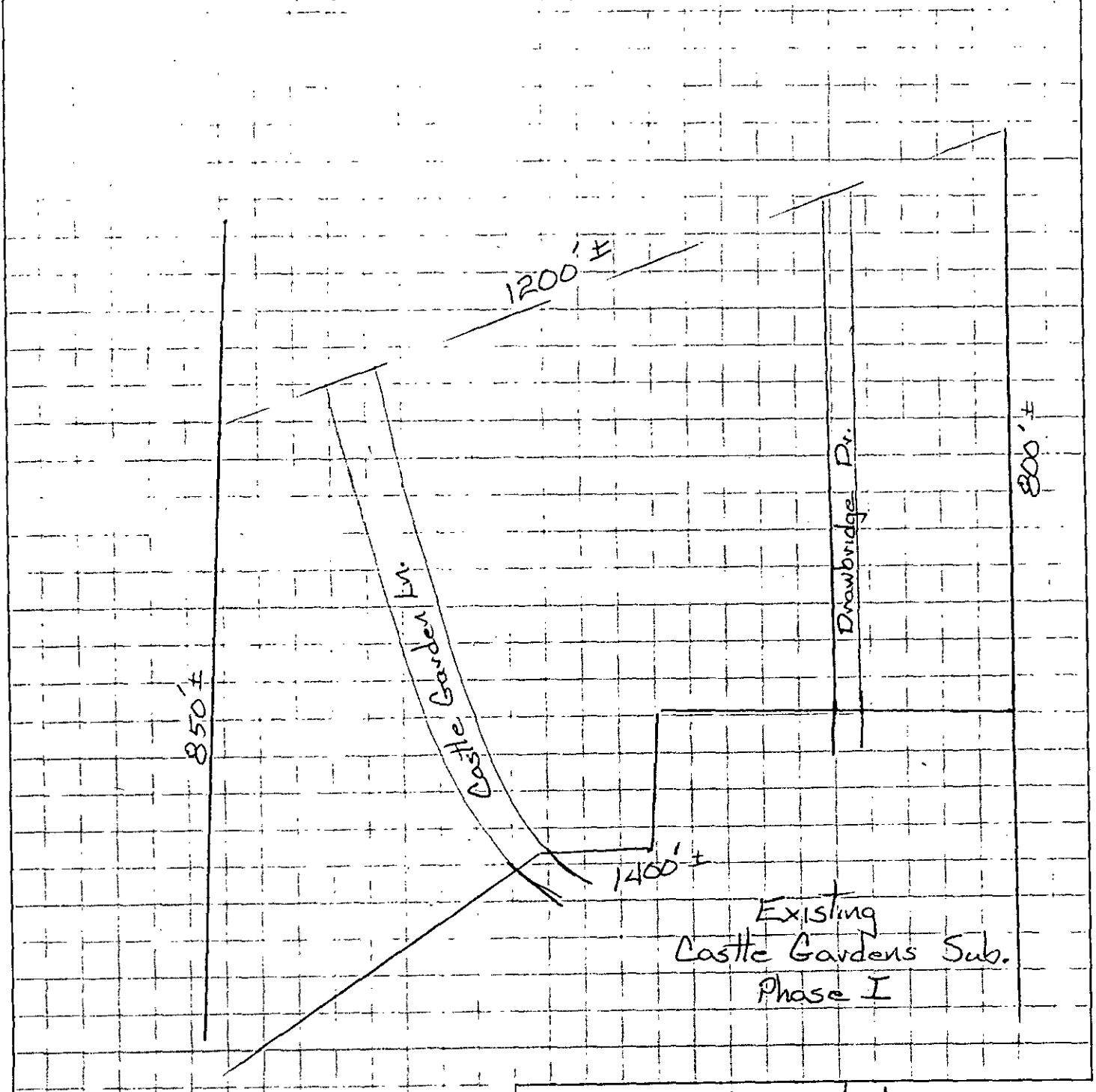
WWATER : 122791

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

FILE: 803A/141B

TC: 108-101-07,00

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: Marlon Helms

Date: 2-4-92

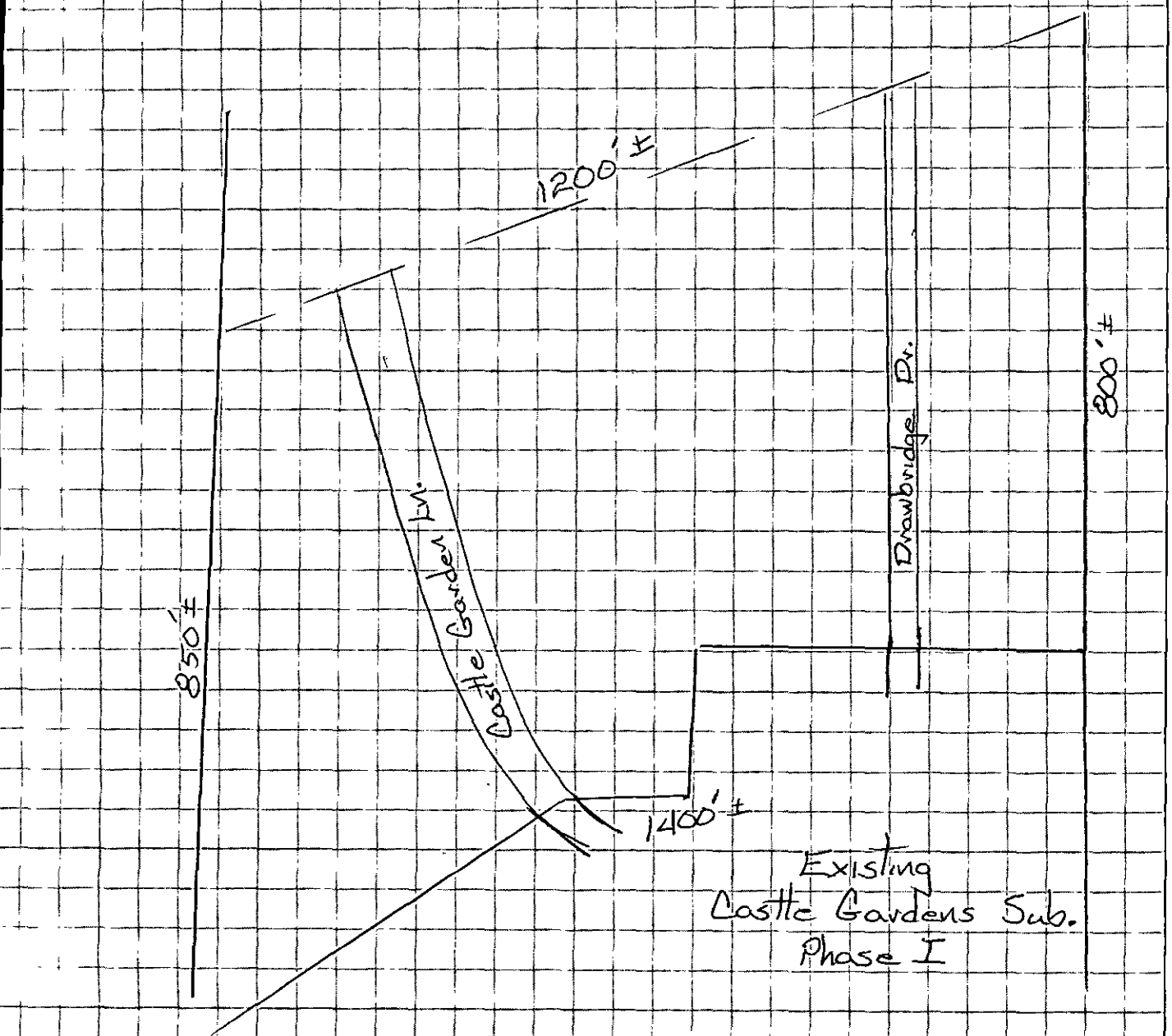
PROPOSED PLOT PLAN

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

FILE: 8031A/141B

TC: 108-101-07pp

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: Marlon Helms

Date: 2-4-92

GUINN
2-085
(formerly)

N.C.N.B. TRUSTEE
3697 - 442
(now or formerly)

RICHARD HOUSTON
4200 - 464
(now or formerly)

JOHN L BLAC
4731 - 322
(now or former
(now or

15' P.D.E

I.C.M

N88°22'49"E 1108.27

Drainageway / Depression

A

B

C

D

N3°00'00"E 225.21

N87°00'00"W 80.00'

Mixed Soils

N3°00'00"E 228.94

N86°22'30"W 75.13'

N4°15'00"E 260.00'

N85°45'00"W 110.00'

N4°15'00"E 228.27'

N22°14'03"E 228.96'

N42°14'20"E

N 87°00'00" W 815.00' DRAWBRIDGE DR

MIXED SOILS

Drainageway / Depression

RED WING ROAD

MIXED Soils

B Soils

Suitable for Septic tanks

UNKNOWN

TUCAMSON

RCH RD.

Bn. S.R. 280

S43°43'00"W 311.72

(50' R/W inferred (S.R. 1141 Unimproved Ext.)

W. K. Gladden Const. Co. Ltd.
DB 5349-441
DB 5416-177
DB 5349-437

S50°48'00"E 70

S45°48'15"E 299.80'

James A. McClintock & wf Dorothy S.
DB 4804-240

S46°08'50"W 651.00'

H.L. SECHREST
1409-1408
(now or formerly)

N59°-00'-00"W 196.00

S43°25'E 135.80'

N89°55'20"W 589.36'

Drainageway/Depression

Area w/ Piled Fill

DOROTHY P. CROWDER
170 · 214
(now or formerly)

H.F. BRAWLEY
792 - 439
(now or formerly)

10' Public Drain Easmt

R = 409.18
A = 156.15

R = 403
A = 195.1

R = 160.00

CASTLE

C

Soils Appearing To Be Dominantly Acceptable For Septic Tank System Installation

Soils Appearing To Be Dominantly Unacceptable For Septic Tank System Installation

Complex Slopes

Pit

100 75 50 25 0 100 200 300
SCALE IN FEET

PRELIMINARY PLA

CASTLE

CHARLIE H
BUILDER

CRAB ORCHARD TWSP.

JACK R. CHRISTIAN
SURVEYIN

(704) 332-4763
419 1/2 N. TRYON ST. CHARL

8031A/141B

UPDATE COMPLETE

Applicant HELMS CHARLIE Appl.Date 02/04/92 Updated 02/04/92
Mail Addr 9331 ALBEMARLE ROAD Phone 704 537-3443
City CHARLOTTE State NC Zipcode 28227
Prop Ownr HELMS CHARLIE
Mail Addr 9331 ALBEMARLE ROAD Phone 704 537-3443
City CHARLOTTE State NC Zipcode 28227 Township 0
Tax Map No. 10810107PO Road CASTLE GARDEN LANE Zoning
Sub/Mobil Sec Lot No. Lot Size 25
Type App D Site or Tract Y Type Bldg System Classif NOT REQUIRED
Resident. Specif: No. Bedrooms 00 No. Occupants Undgrnd. Stor. (Y/N)
Commercial/Industrial/Other Specifications:
Type No. Empl. No. Empl. per Shift
Industrial or Mfg. Wastes (Y/N) Underground Stor. Tank (Y/N)
Prop. Water Sup. Proposed Sewage Construct. Status P Sites
Planned Future Additions (Y/N) Fee 0000.00 EHS Assigned 25001
Directions: PRELIMINARY SOIL TEST

Date Appl. Recd. 02/04/92 Date Insp. Insp. Status
Date Letr. Sent Type Letr. Date Eval. Eval. Status
Date Perm. Date Cert.Iss. Disp.Code Followup
Denial Codes:
Repaired (Y/N) Rep. Date Perm. No. 00141B Operat. Permit (Y/N)
2/04/92 16:25:43
01-03 SA MW KS DM IM II S1 S1037498 KB

Mecklenburg County
Health Department

February 26, 1992

Marlon Helms
9331 Albemarle Road
Charlotte, NC 28227

Ref: File 8031A/141B

Dear Marlon:

I have completed the preliminary soil investigation on the remainder of the Castle Garden subdivision located on Robinson Church Road. A soils map of the area was prepared and a copy is enclosed.

The areas marked with yellow lines on the enclosed map appear to be dominantly unacceptable for the installation of septic tank systems. Included in these areas are mixed soils, complex slopes, and drainage way depression areas.

The mixed soil areas have soils that contain expanding clay minerals in the subsoil horizons. These clay minerals swell upon becoming wet, reducing soil pore space and inhibiting internal soil water movement. These soils show evidence of seasonal perched water at depths of 24 inches or less. Depth to saprolite is generally less than 36 inches. Slopes range to approximately 15 percent but are generally flatter.

Complex slope areas are present on the tract as well. Some pits are found off the proposed Red Wing Road and some old field terraces are also present.

The drainage way - depression areas collect and channel surface water runoff from the surrounding land areas. Some mixed soils described previously are present. Portions of these areas are subject to surface water flooding during periods of precipitation.

The unlined areas appear to be dominantly acceptable for the installation of septic tank systems. These soils have slightly expansive clay subsoil horizons that are blocky with respect to structure. Depth to saprolite and ground water are generally deeper than 48 inches. However, some soils with depths of approximately 24-36 inches were noted in this delineation. This condition appears to be confined to one area, but may not. Additional investigation with established reference points would be necessary to determine the exact situation. Slopes range to approximately 15 percent but are generally flatter.

There is an area that has piled fill material present. A boring around the edge of this material indicated that some soils appearing to be dominantly acceptable for septic systems are present. Additional investigation of this area with the fill removed would be necessary.

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

Based on this investigation there are soils on the tract that appear to be dominantly acceptable for septic tank system installation. Please note that this report does not express or imply individual lot approval for septic tank system installation. Individual lot approval is dependent in part on the satisfactory completion of soil investigation of the specific lot. Note that lot lines and corners were not marked as of February 24, 1992. Note also that inclusions of soils other than that delineated in a given area may be present.

Individual lot investigations could be made prior to extending an existing street. Lot corners would have to be established as has been discussed. Please contact our office if you have any questions concerning the report.

Sincerely,

William R. Marlin

William R. Marlin, Soil Scientist
Individual Water and Wastewater Systems

WRM/hb