

12/18/2007

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Groundwater and Wastewater Services File Imaging Project
May 2007
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Mecklenburg County
Health Department

Betty S. Snow, R.N., M.A.
Health Director

August 20, 1992

Mr. J. W. Washam Estate
c/o Bob Knox
P.O. Box 40
Davidson, NC 28036

Re: File 564B/8435A
Soil Investigation report
Parcel # 011-092-05PO

Dear Mr. Knox:

A pre-preliminary investigation was made on the property located on Highway 73 (tax parcel # 001-092-05PO). A soils map of the property was prepared and a copy is enclosed.

The areas shaded yellow on the enclosed map appear to be dominantly unacceptable for the installation of septic tank systems. Included are drainageway-depressions areas of mixed soils, and complex slope areas.

The drainageway-depression collect and channel surface runoff during periods of precipitation. Some surface flooding would occur. The drainageway-depressions also have complex slopes that are not adoptable for the installation of septic tanks systems.

The mixed soil areas have a variety of soil conditions present. These soils are quite variable with respect to depths. Depth to saprolite ranges from 4 to 6 inches to approximately 30 inches. Subsoil horizons have expanding clay minerals present that swell upon becoming wet, reducing soil pore space and inhibiting internal soil water movement. Indications of seasonal perched water were noted at depths of approximately 24 inches or shallower. Slopes range to approximately 25 percent but are generally flatter.

The complex slope areas have irregular slope and topography conditions that are not adaptable for the installation of septic tank systems. Some of these condition is due to old field terraces.

The areas marked with green lines have soils that might be considered for use with shallow placed septic tank systems. These soils have slightly expansive clay subsoil horizons that are blocky with respect to structure. Depth to saprolite ranges from 24 to 30 inches. Depth to ground water is greater than 36 inches. Slopes range to approximately 12 percent.

The unshaded areas have soils that 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 is generally 36 inches or more as is the depth to ground water. Slopes range to approximately 15 percent.

Based on this investigation, there are areas on the tract that appear to be dominantly acceptable for the installation of septic tank systems (conventional) and areas that would be considered for the use of shallow placed systems. Please note that this report does not express or imply individual lot or site approval for the septic tank system installation. Individual lot or site approval is dependent in part on the satisfactory completion of an investigation of a designated lot or building location. As of August 18, no lots or sites were designated on the tract. Note also that soil delineations may be subject to change pending additional investigation with established reference points. Also, there is very heavy brush growth on portions of the tract.

There is the prospect that the 84 acres may be divided into several smaller tracts, each to have a prospective home site.

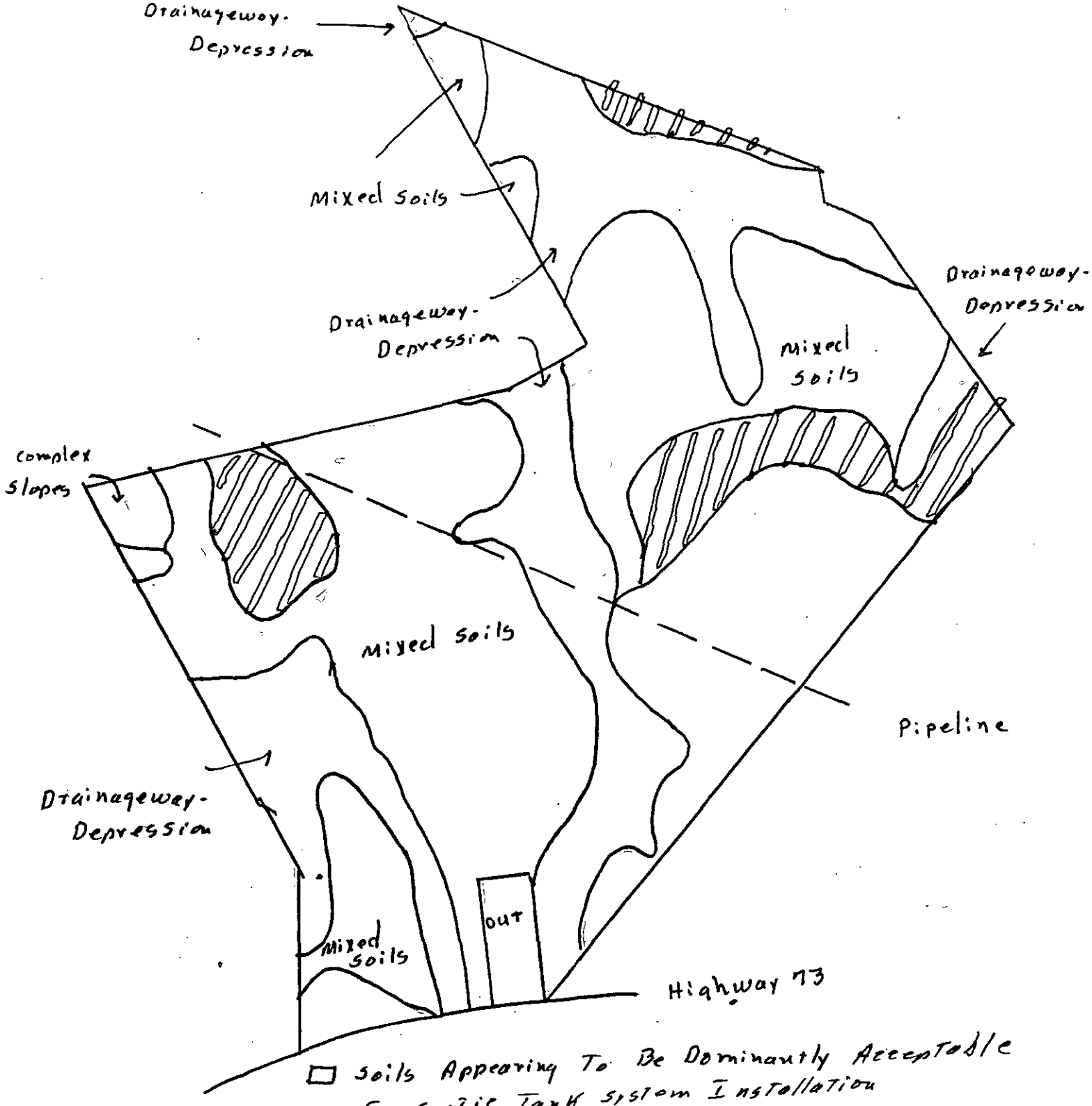
Our office could investigate any proposed building sites on an individual lot or site basis. An application for a soil investigation would be necessary for each site and the specific site marked on the tract. These would be a $50.00 fee per application. This procedure might provide a clearer picture of how many ways the property could be subdivided with each of the smaller tracts having an acceptable site for a septic tank system installation. Please contact me if there are any question with regard to this report or any future soil investigation that might be desired.

Sincerely,

William R Marlin

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

Pre-Preliminary PC 011-092-05



Soils Appearing To Be Dominantly Acceptable For Septic Tank System Installation

Soils Appearing To Be Dominantly unacceptable For Septic Tank System Installation

Soils where shallow-placed septic tank systems could be considered for use

W. R. Moulin
Soil Scientist

Pre-Preliminary $890.00 CK# 0874 08/06/92

5648/8435 DRAFT

INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM
APPLICATION FOR SERVICES

[] CRT

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: JASZEWSKI (last) PAUL (first) K (mi)
ADDRESS: 19010 Mary Andrew Ct PHONE: (__) _____
CITY: Huntersville STATE: NC ZIPCODE: 28078

Date: 8/2/92

PROPERTY OWNER:
NAME: WASHAM (last) J W Estate (first) (mi)
ADDRESS: PO Box 40 PHONE: 704 892 0196
CITY: DAVIDSON STATE: NC ZIPCODE: 28036

PROPERTY INFORMATION (FROM ENGINEERING FORM):
TAX/PARCEL NUMBER: PART OF 011-092-05
STREET ADDRESS: Hwy 73 East
ZONING: R4

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

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: LOT SIZE (in acres): 84 ACRES Re Pd

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)
[X] 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) [X] 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)
[X] 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: Bob B Knox Agent Date: 8/2/92

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

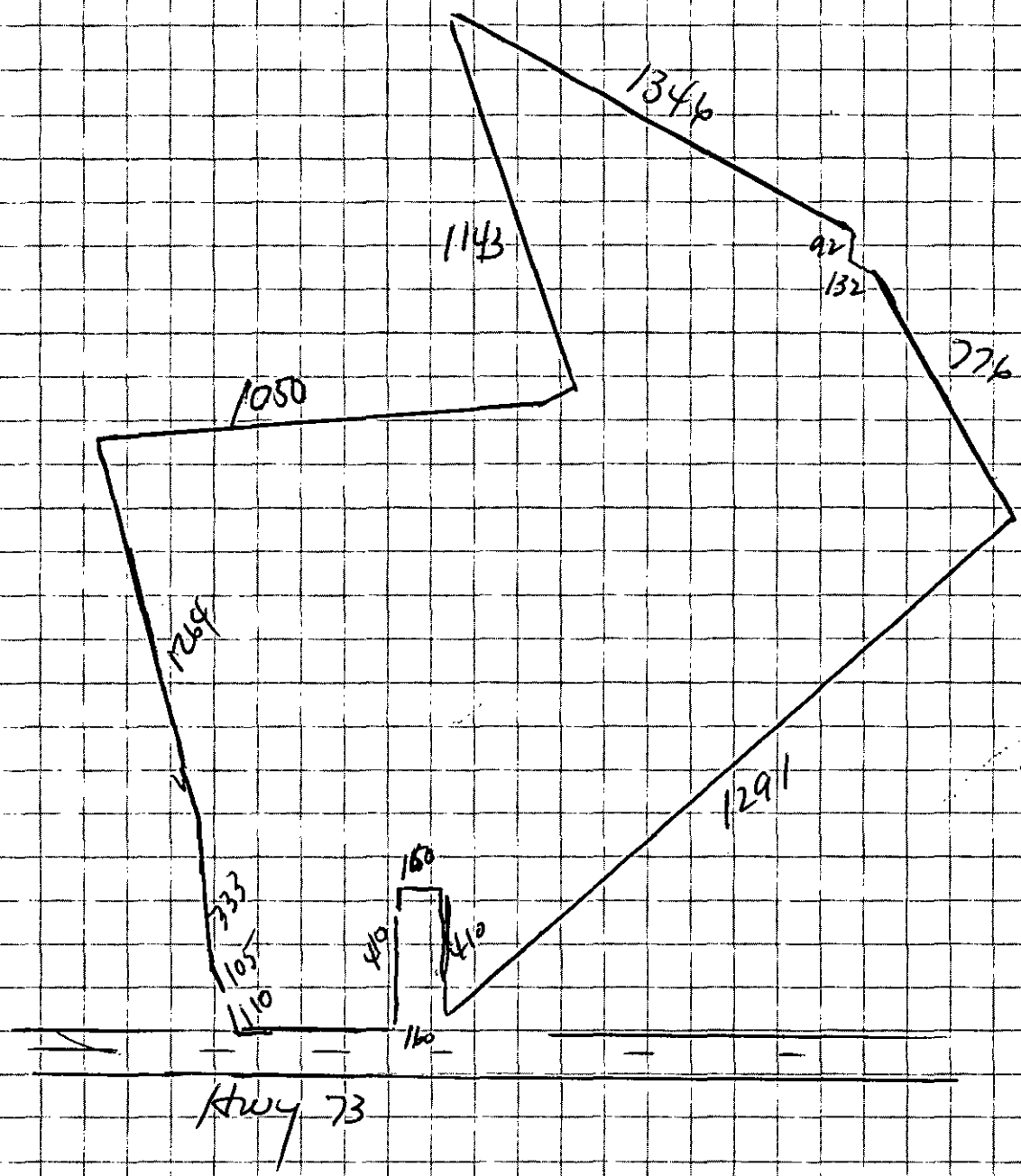
PROPOSED PLOT PLAN

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

FILE: 564B/843SA

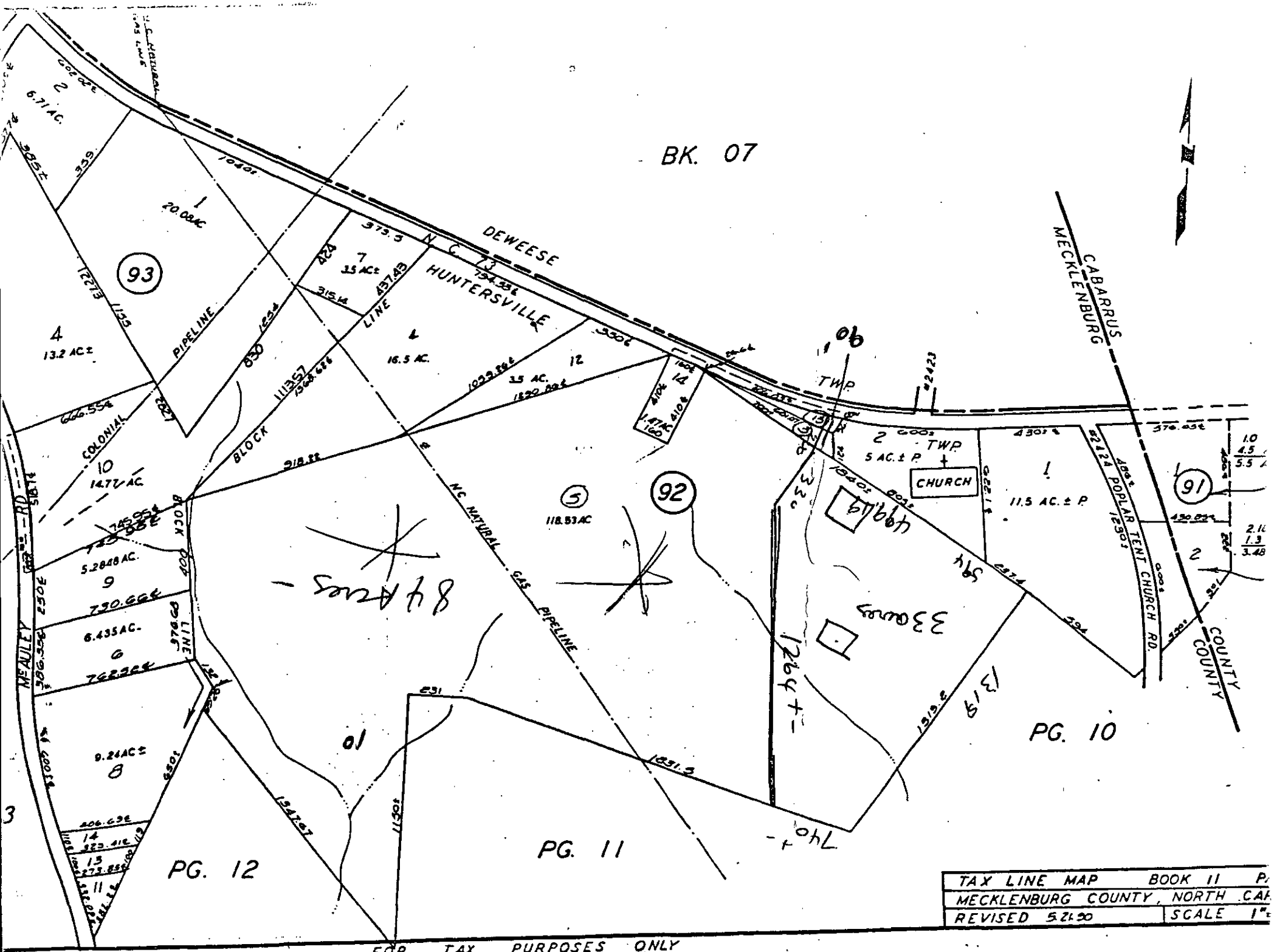
TC: 011-092-05 Part of

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.



APPROVAL DATE _____

White - Health Department's Copy Canary - Environmentalist's Copy Pink - Owner's Copy


BK. 07
DEWEESE
HUNTERSVILLE
CABARRUS
MECKLENBURG
COUNTY
TWP
CHURCH
PIPELINE
BLOCK
COLONIAL
MEAULEY
RD.
POPLAR TENT CHURCH RD.
N.C. NATURAL GAS PIPELINE
93
92
91
PG. 10
PG. 11
PG. 12
TAX LINE MAP BOOK 11
MECKLENBURG COUNTY, NORTH CA
REVISED 5.21.90
SCALE 1"
FOR TAX PURPOSES ONLY

#890.00 CK#0874 08/06/92

564B/8435A

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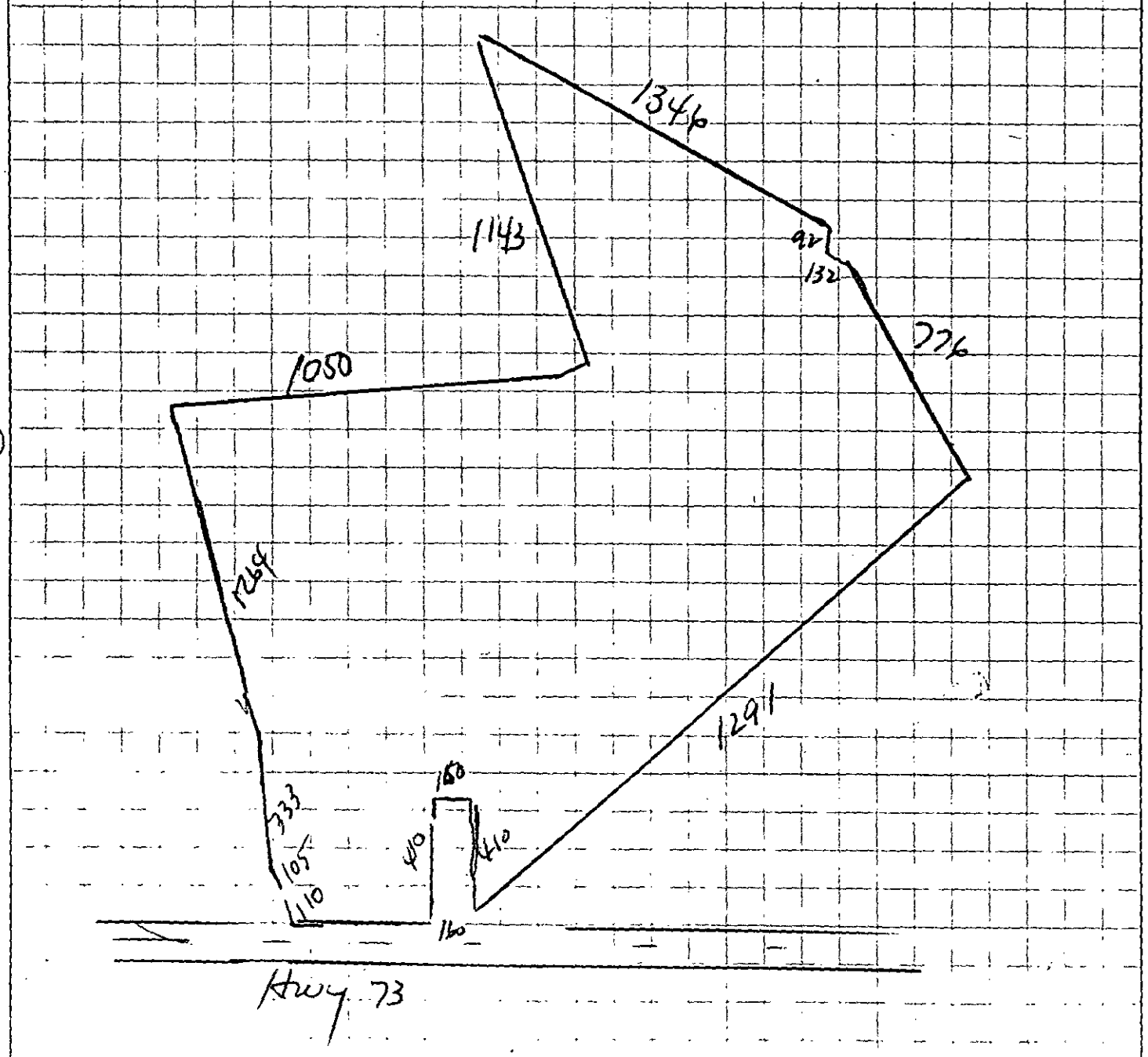
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