

THOMPKINS ROAD 137-101-01

5/10/2007

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Groundwater and Wastewater Services File Imaging Project
May 2007
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3757A

MECKLENBURG COUNTY
Department of Environmental Health

October 2, 1987

Dan Moser
P. O. Box 365
Mineral Springs, NC 28108

Dear Dan:

A pre-preliminary investigation of soils and topography was conducted on the tract (parcel 137-101-01) located on Surface Hill Road. A soils map 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-depression areas, complex slope areas, and soils with expanding clay.

The drainageway-depression areas collect and channel surface runoff. These areas would be subject to some surface flooding during periods of heavy precipitation. Indications of seasonal water at depths of less than thirty-six inches were found in places in the drainageway-depression areas. Some areas of complex slopes are found in the drainageway-depression areas.

The complex slope areas have highly irregular topography that is not generally adaptable for the installation of septic tank systems.

Soils with expanding clay are also present on the tract. These areas have clay minerals that swell upon becoming wet, reducing soil pore space and permeability. Certain areas of these soils are quite shallow to saprolite (eighteen inches or less).

The unshaded areas appear to be dominantly acceptable for the installation of septic tank systems. These areas have clay soils that are blocky with respect to structure. Depth to saprolite and ground water is greater than thirty-six inches. Slopes range to approximately fifteen percent and should not be a limiting factor with respect to septic tank system installation.

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

Based on this investigation, these are some areas that appear to be dominantly acceptable for the installation of septic tank systems. 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 a soils investigation of each lot. Currently, no lots are marked on the tract. Soil delineations may be subject to change pending additional investigation with established reference points. Note also that any lots developed on the tract will require that a complete replacement area for any septic tank system be available in acceptable soils.

Please contact me if there are any questions with regard to this report.

Sincerely,

William R. Marlin

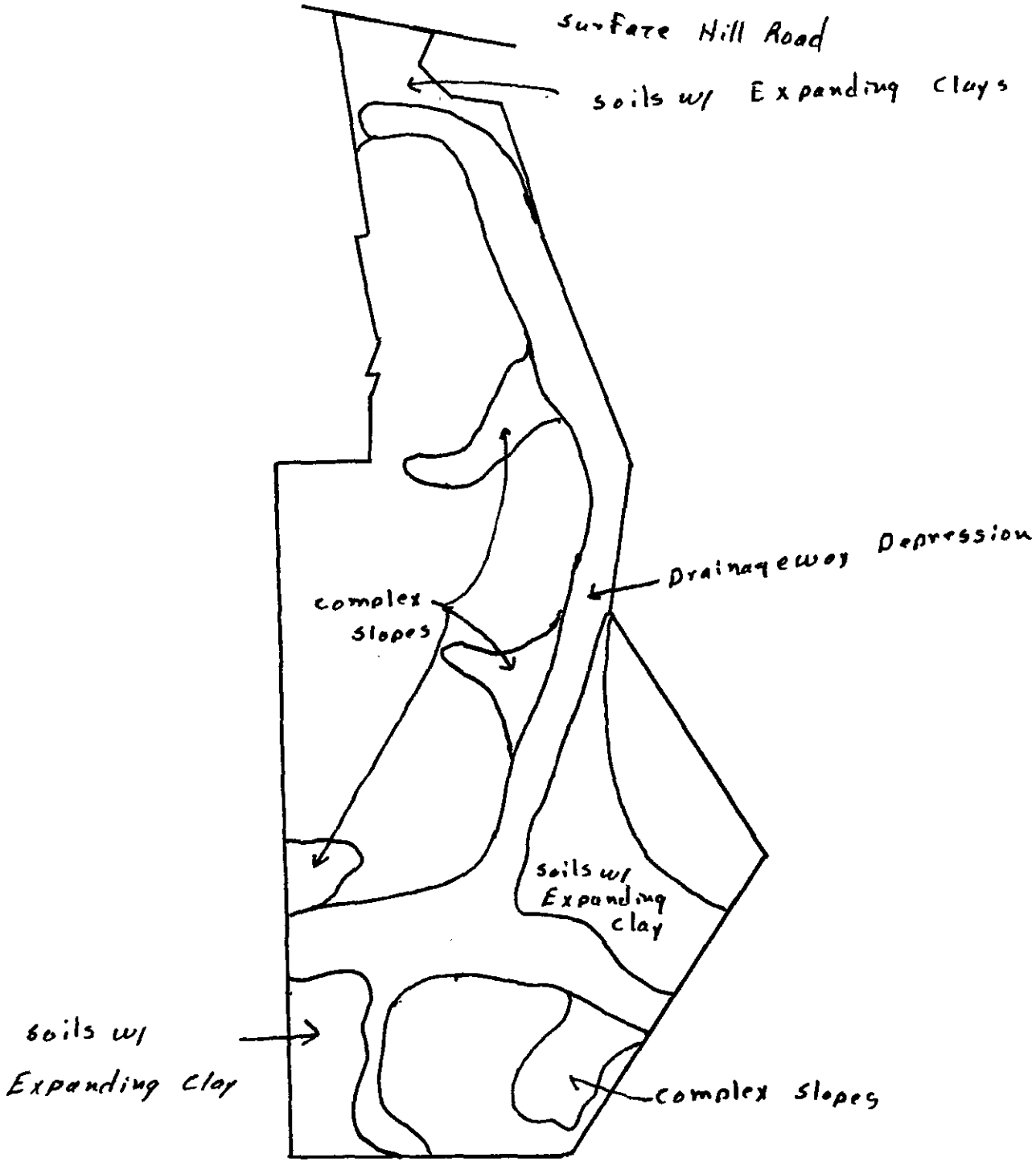
William R. Marlin
Soil Scientist

WRM/ir

Enclosure

10-2-87

Pre-Preliminary 137-101-01



☐ Soils Appearing To Be Dominantly Acceptable For Septic Tank System Installation

☐ Soils Appearing To Be Dominantly Unacceptable For Septic Tank System Installation

W.A. Marlin-

APPLICATION FOR SOIL INVESTIGATION

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

(OFFICE USE ONLY)

FILE: 3757A

TC: 137-101-01

☐ PC ☐ REPT

MECK COUNTY DEPARTMENT OF
RECEIVED
JUL 23 1987
ENVIRONMENTAL HEALTH

JOB LOCATION

① ADDRESS: Thompkins Road, Off Surface Hill Rd.

② SUBDIVISION: None - 43 Acres ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: _____ PAGE NO.: _____ PARCEL NO.: _____

⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: _____

OWNER

⑦ NAME: Dan (FIRST) Maser (MIDDLE) Const. & Realty Co., Inc. (LAST)

⑧ MAILING ADDRESS: P.O. Box 365

⑨ CITY: Mineral Springs ⑩ STATE: N.C. ⑪ ZIP: 28108

⑫ PHONE: (WORK) 843-2182 (HOME) 821-7820

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: Dan Maser

Date: July 20, 1987

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