

THOMPSON ROAD
195-101-03

6/1/2007

duponbj

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

5539A

Mecklenburg County
Health Department

Basil G. Dalta, M.D., M.P.H.
Health Director

April 4, 1989

H. Parks Helms
Two First Union Center, Suite 2300
Charlotte, NC 28282

Dear Parks:

I have completed the preliminary investigation of the proposed subdivision located at 14212 Thompson Road. A soils map of the tract is included.

The areas marked with yellow lines appear to be dominantly unacceptable for the installation of septic tank systems. Included are a drainageway, depressions, and complex slopes.

The drainageway area extends through the property and includes the old pond area. This area collects and channels surface runoff from the surrounding land areas. The area is subject to some surface flooding during periods of precipitation. Soils in the area have seasonal water tables at depths as shallow as twelve inches. Some small areas of complex slopes are present along the edges.

The depression areas collect and channel surface runoff from surrounding land areas. There would be some surface flooding during periods of precipitation.

The complex slope areas have irregular slopes that are too rough for the installation of septic tank systems. These areas also collect and channel surface runoff from the surrounding land areas.

The soils in the unmarked areas of the tract appear to be dominantly acceptable for the installation of septic tank systems. These soils have clay subsoil horizons 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.

Based on this investigation lots 8, 17, and 18 do not appear to have adequate areas of dominantly acceptable soils for the installation and repair of septic tank systems. Lots 4, 14, 15, 16, and 19 appear to have very limited to limited areas of dominantly acceptable soils for septic tank system installation and repair. The rest of the lots appear to have adequate areas of dominantly acceptable soils for septic tank system installation and repair.

It must be noted 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 an investigation of each lot. Individual lots were not marked at the time of the investigation. Note also that soil delineations may be subject to change pending additional investigation with established reference points. These lots will need a one-hundred percent repair area for any septic tank systems installed.

The water supply for the proposed subdivision is to be individual wells. This factor could have a definite impact on the areas that would be available for septic tank system installation and repair.

There is an existing well located near the old house on the tract. This well needs to be properly abandoned if it will not be used at a later date.

There is also an old septic tank system present, but the exact location of the system could not be determined.

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

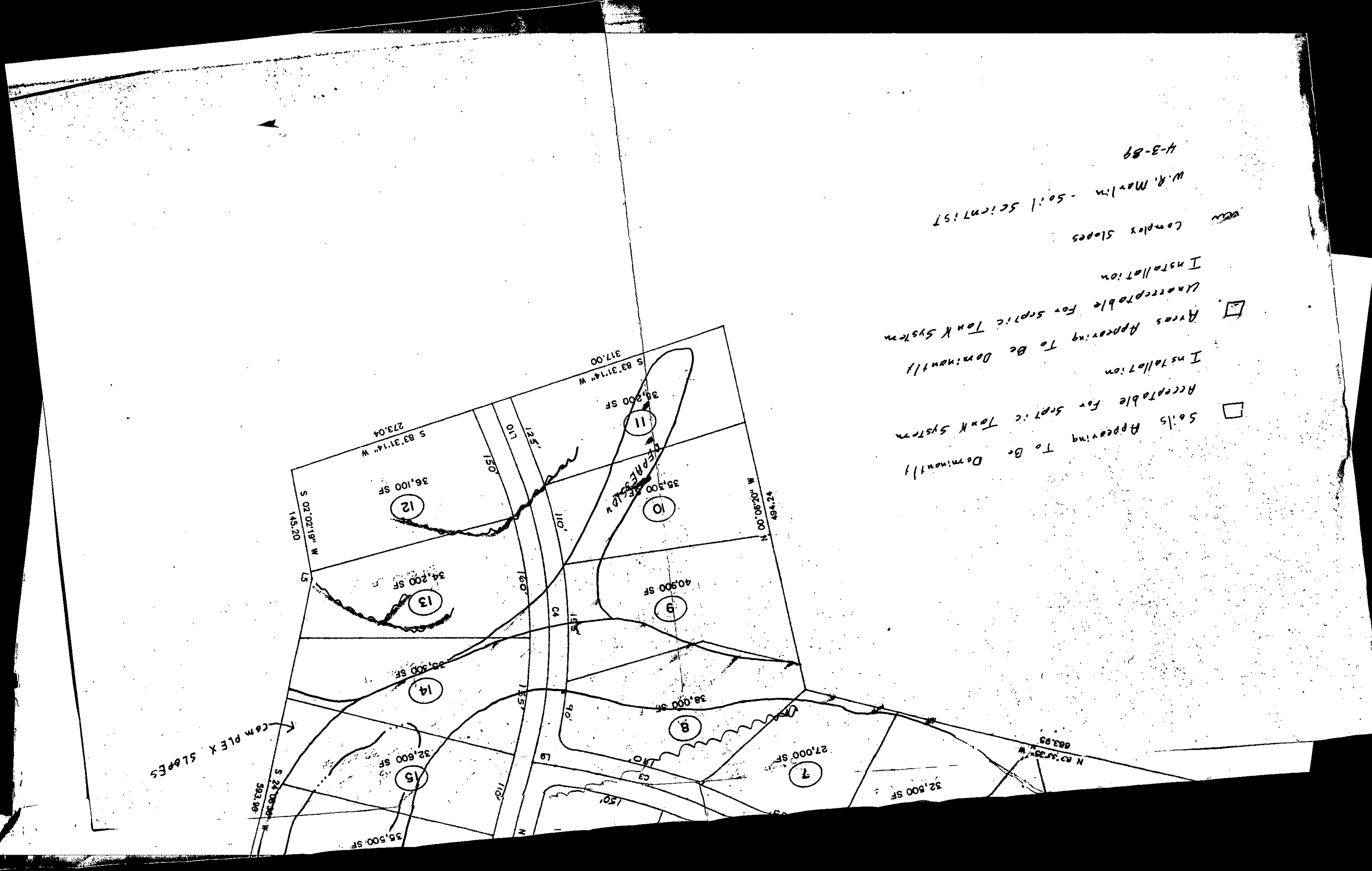
☐ Soils Appearing To Be Dominantly Acceptable For Septic Tank System Installation

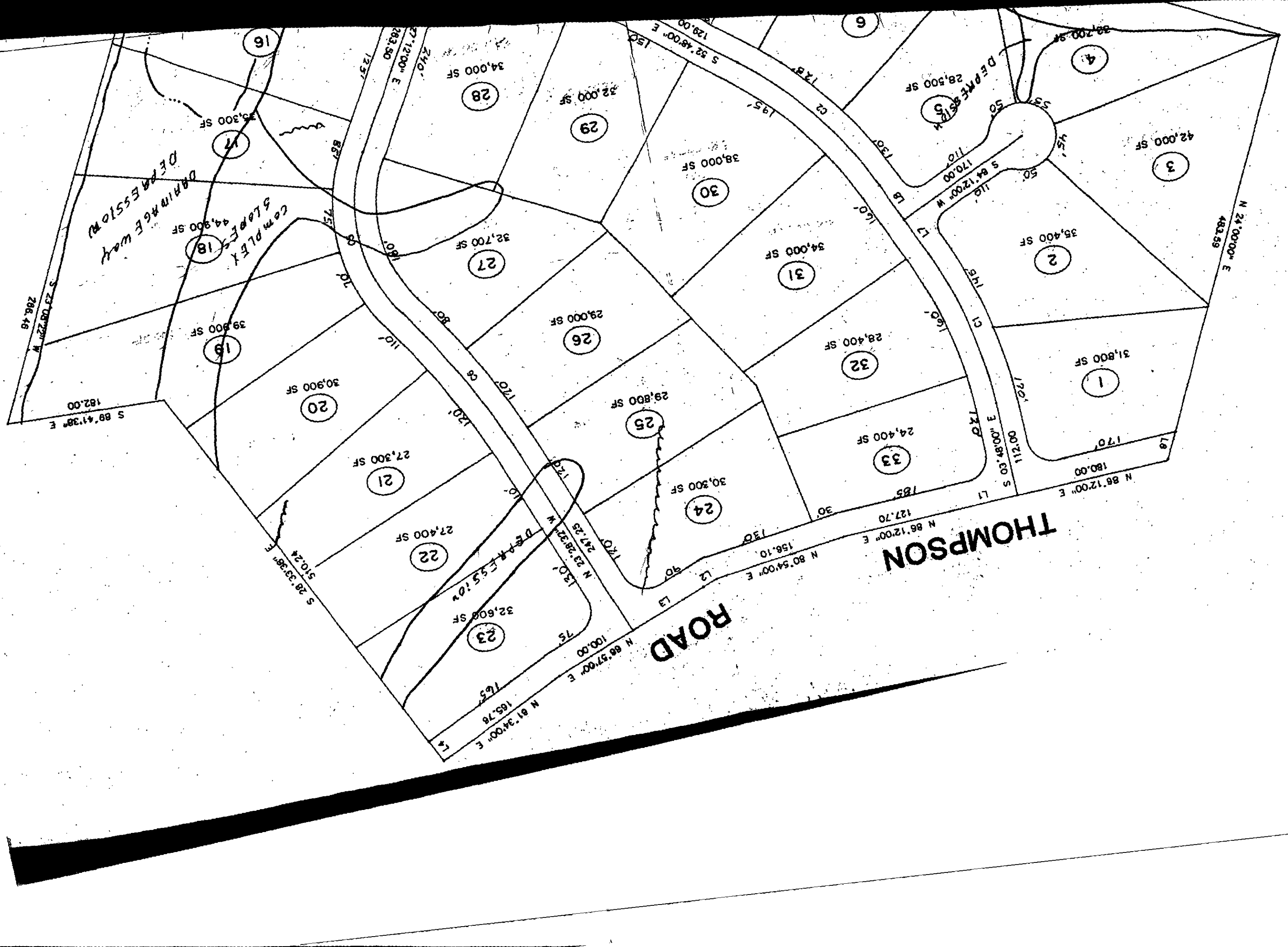
☐ Areas Appearing To Be Dominantly Unacceptable For Septic Tank System Installation

Complex Slopes

W.R. Marlin - Soil Scientist

4-3-89




THOMPSON ROAD
DEPARTURE
DEPARTURE
COMPLEX
SLOPE
DAHLMBE WAY
DEPRESSION
1
31,800 SF
2
35,400 SF
3
42,000 SF
4
28,200 SF
5
28,500 SF
6
17
35,300 SF
18
44,900 SF
19
39,900 SF
20
30,900 SF
21
27,400 SF
22
27,400 SF
23
32,600 SF
24
30,300 SF
25
29,800 SF
26
29,000 SF
27
32,700 SF
28
34,000 SF
29
32,000 SF
30
38,000 SF
31
34,000 SF
32
28,400 SF
33
24,400 SF
N 24°00'00" E
483.39
S 03°48'00" E
112.00
N 86°12'00" E
180.00
N 86°12'00" E
127.70
N 80°54'00" E
156.10
N 66°57'00" E
100.00
N 61°34'00" E
165.76
S 28°33'30" E
310.24
S 23°08'22" W
286.48
S 89°41'38" E
182.00
S 52°48'00" E
128.00
S 84°12'00" W
170.00
N 23°28'32" W
247.25
S 27°12'00" E
283.50

APPLICATION FOR SOIL INVESTIGATION

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

(OFFICE USE ONLY)

FILE: 5539A

TC: _____

☐ PC ☐ REPT

Prelim 30 acc

JOB LOCATION

① ADDRESS: 14212 Thompson Road, Charlotte, NC 28212

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

⑤ PARCEL REFERENCE: BOOK NO.: 195 PAGE NO.: 101 PARCEL NO.: 03,04,05

⑥ DEED REFERENCE: BOOK NO.: 1556-1404/1427-256/1724-272 PAGE NO.: (3 parcels)

OWNER

⑦ NAME: H. (FIRST) Parks (MIDDLE) Helms (LAST)

⑧ MAILING ADDRESS: Two First Union Center, Suite 2300

⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: 28282

⑫ PHONE: (WORK) (704)372-4884 (HOME) _____

⑬ Accurately diagram and dimension lot.

See Attached Subdivision Layout Plan for 29.27 acres.

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 HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: H. Parks Helms

Date: March 10, 1989

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

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date 3/14/89

Name/Company [illegible]

Sanitarian

Water Sample

O.I.E.C. ✓

Service: [illegible]

#553911

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
MAR 17 1989

CSH# 553 CK# 1046
113 150

Fee: $ ~~350~~ 400 — DK

Completed by [illegible]