

Southeastern Soil & Environmental Associates, Inc.

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October 06, 1997

Mr. Philip Humphries
Area Appraiser, NCDOT
3509 Haworth Drive
Raleigh, N.C. 27609

Re: Soil/site evaluation and repair proposal, State Project 6.451009 (ID No. 2230-C),
Sarah W. Clark property, N.C. Hwy. 210, Harnett County, North Carolina

Dear Mr. Humphries,

A soil/site evaluation has been conducted, at your request, on the aforementioned property. The subject site is an approximate 0.65 acre tract located on the west side of N.C. Hwy. 210, north of an intersection with N.C.S.R. 1120. The purpose of the investigation was to determine if repairs could be made to the existing system installed in the highway right of way. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

As shown on the accompanying map, portions of the existing system are located within the existing 50 foot right of way for NC 210. Two areas have been located that contain useable soils for the installation of a new drainfield (see map). Each area essentially lies on a linear (3-8 %) landscape. Soil borings conducted in these areas consisted of 8 to 36 inches of loamy sand underlain by sandy clay loam or clay extending to 48 or more inches. Soil wetness was typically observed greater than 27 inches below the soil surface. All other soil characteristics were either suitable or provisionally suitable to at least 27 inches.

Each of the two sites would require the use of an effluent pump. Site "A" requires a system installation with conventional drainfield as is. Site "B", however, would require the abandonment of the existing well (due to setback requirements) and location of a new well or connection to a municipal water tap.

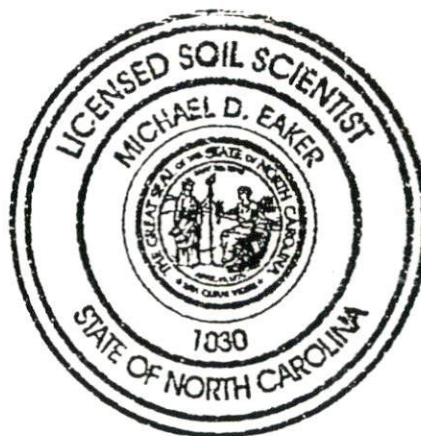
It should be noted that neither of these options would affect repair areas for the existing homes because no repair area is required (lot deeded in 1980 exempt from rule .1945). The remaining repair option (not chosen) could become an additional repair option in future years.

This report represents my opinion as a licensed soil scientist. These proposals should be presented to the local health department for review.

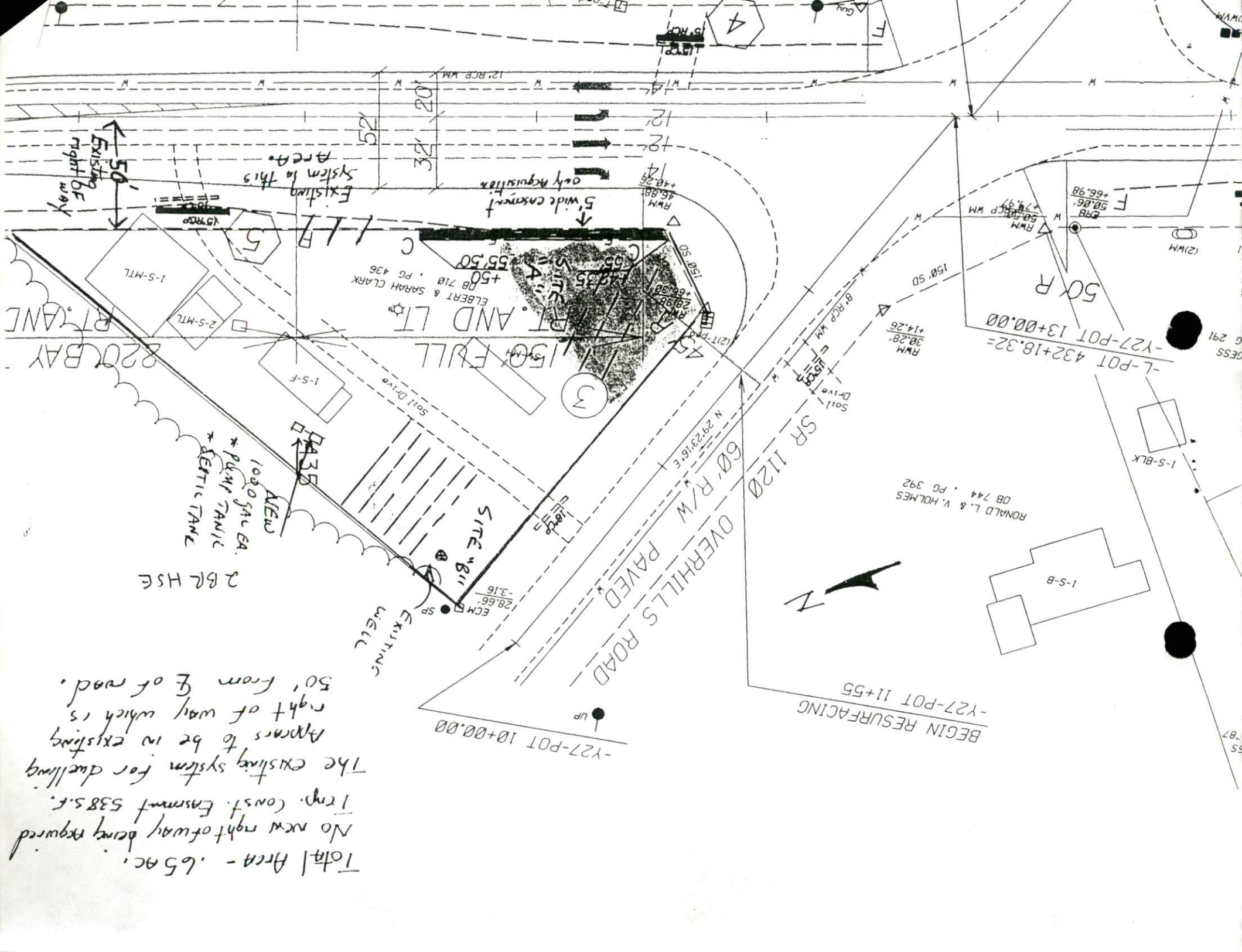
Sincerely,



Mike Eaker
President



Total Area - .65 ac.
 No new right of way being required
 Temp. Const. Easement 538.5 f.
 The existing system for dwelling
 appears to be in existing
 right of way which is
 50' from E of road.



2 BR HSE

1000 gal BA
 * PUMP TANK
 * SEPTIC TANK

EXISTING WELL

1000 gal BA
 * PUMP TANK
 * SEPTIC TANK



-Y27-POT 10+00.00

BEGIN RESURFACING
 -Y27-POT 11+55

RONALD L. & V. HOLMES
 DB 744 . PG 392

ELBERT & SARAH CLARK
 DB 710 . PG 436

-L-POT 432+18.32=
 -Y27-POT 13+00.00

50' R

150' FILL

3

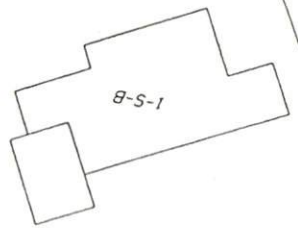
5' wide easement
 only acquisition

Existing System in this
 Area

Existing
 right of way

220' BAY

1-S-MTL
 2-S-MTL



1-S-BLK

RMH
 +14.26
 30.28'

F
 50.06'
 +66.98

RMH
 +40.25

RMH
 +66.98

RMH
 +66.98

RMH
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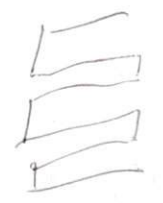
RMH
 +66.98

RMH
 +66.98

RMH
 +66.98

RMH
 +66.98

Stay 50' from well in back



Fill in well
6' cover

1200 ST
1200 PT

12-15

6 X 4 1/2

Sink drain
+ washer

Model in 1980 do include only in
1978 was in his name
wife prior to that was only in
his name

1/3
3/400
133

4 (210)
400

1-20-20
1-20-20

⊕ 0-16-15

2-18-20
C2

⊙ 0-215

4-2-29

18-30-50

⊕ 0-18-15

30-42-25

⊕ 0-36-15

Glenn Carter
111 ~~corner~~ corner
Suite 203
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Sarah Clark
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