

Southeastern Soil & Environmental Associates, Inc.

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April 5, 2022

Harnett County Health Department
307 Cornelius Harnett Blvd.
Lillington, N.C. 27546

Re: Soil evaluation and final septic recommendation, Lot 150, Rolling Springs
Subdivision, Holly Court, Harnett County, North Carolina

To whom it may concern,

A final soils investigation has been completed for the above referenced lot. The property is located on Holly Court as shown on the accompanying map. The purpose of the investigation was to determine the ability of the soil to support any subsurface waste disposal system for the proposed lot. All ratings and determinations were made in accordance with "Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal, 15A NCAC 18A .1900".

The lot appears to contain at least one area that meets minimum criteria for subsurface waste disposal systems for at least a typical (50' x 50') 3 bedroom home (may include the use of conventional drainlines, gravelless drainlines, low pressure pipe, pumps, fill, large diameter pipe, French Drains, pretreatment, drip irrigation, etc.). Soil characteristics in the usable areas were dominantly provisionally suitable to at least 18 inches (fill, drip irrigation and/or pretreatment), 20 inches (low profile chamber) or 24 inches (conventional or LPP) including those specified in rules .1940, .1941, .1942, .1943, .1944 and .1945. A soil map indicating typical soil areas that meet these criteria is enclosed. Each of the lots appears to contain sufficient available space for a repair area for at least a typical 3 bedroom home (may include the use of any of the systems mentioned above).

Any lot may require specific design/layout on our part prior to action by the local health department due to space and soil considerations (at separate cost to client). Alternative systems (mentioned above) could be required on the lot to compensate for shallow unsuitable soil conditions. Specific house location, house size, driveway location and/or side entry garage may be required on the lot. There should be no grading, logging or other site disturbance in soil areas designated as usable for subsurface waste disposal until approved by the local health department (any site disturbance could remove soil and render the area unusable).

When evaluated, the soil areas designated as usable for subsurface waste disposal were dry to at least 24 inches. During wetter time periods, subsurface water could be found in any of these soil areas at shallower depths. The local health department has the authority to deny a permit to any soil where water saturates a soil boring. SSEA cannot be certain that this will not occur on any of these lots. If this occurs (and cannot be remedied with a French drain or other drainage), any of these lots could become unsuitable due to .1942 (soil wetness).

This report does not guarantee or warrant that a septic system will function for any specific length of time.

As with any property, this report does not guarantee, represent or imply approval or issuance of improvement permit as needed by the client from the local health department **(as such, any potential buyers of these properties should obtain appropriate permits from the local health department prior to making and/or completing purchase obligations or financial commitments. Since professional opinions sometimes differ, an actual improvement permit issuance by the local health department is the only "guarantee" of a site's suitability for a buyers intended use.)** This report only addresses rules in force at the time of evaluation. Permits will only be granted if the local health department concurs with the findings of this report. This report only represents my professional opinion as a licensed soil scientist. I trust this is the information you require at this time. If you have any questions, please call.

Sincerely,



Mike Eaker
NC Licensed Soil Scientist



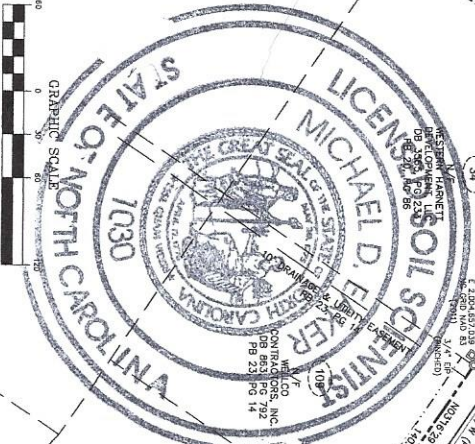


VICINITY MAP
NOT TO SCALE

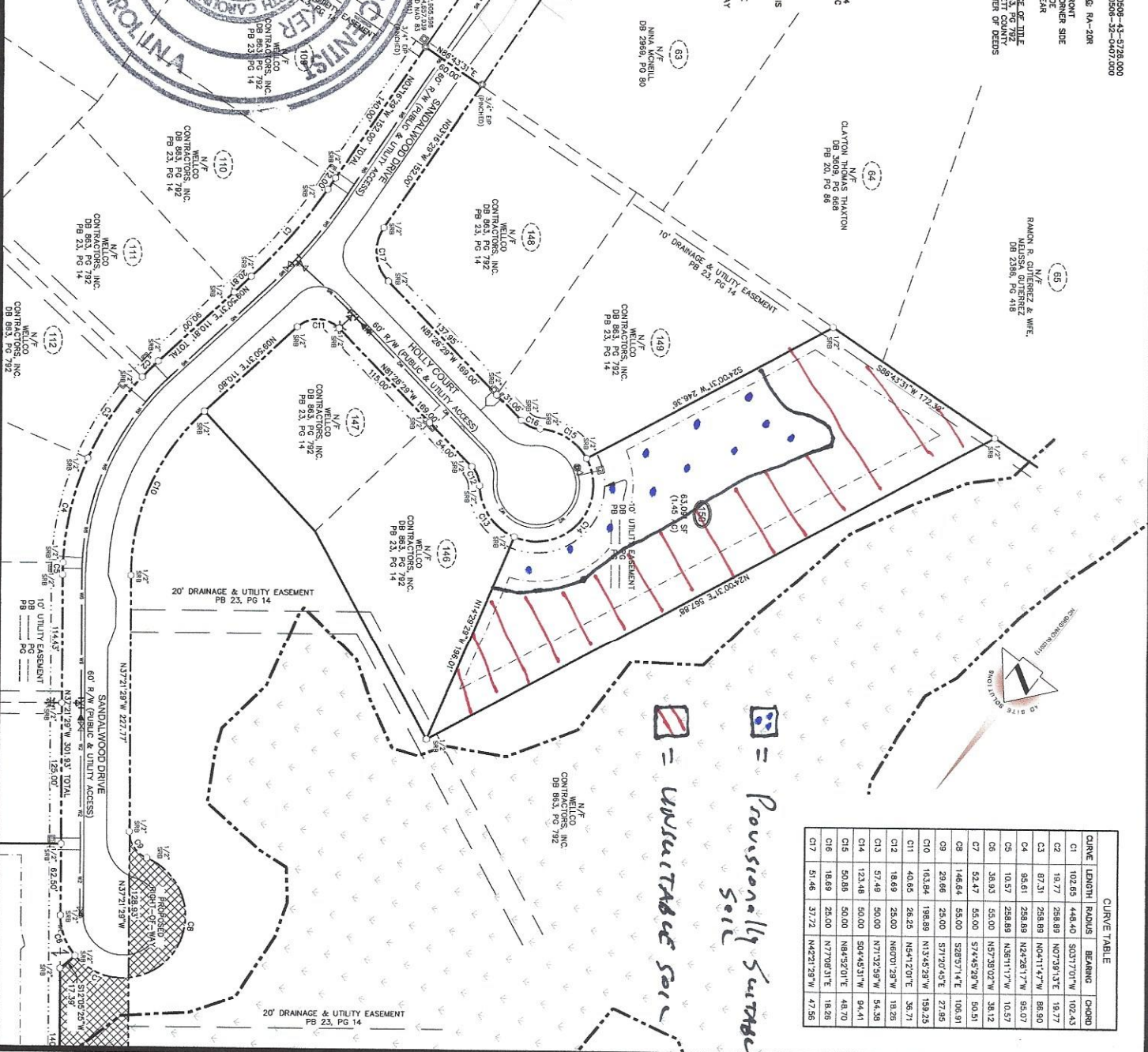
EB: 0926-43-5726.000
0926-32-0407.000
ZONING: RA-20R
50' FRONT
25' CORNER SIDE
10' REAR
25' REAR

RAMON R. GUTIERREZ & WIFE,
MELISSA GUTIERREZ
HARNETT COUNTY
DB 2594, PG 119

1. DISTANCES SHOWN ARE HORIZONTAL GROUND
2. DISTANCES UNLESS OTHERWISE NOTED.
3. CONTROL POINTS: 0.89971922, 2.005198484, 3.000000000, 4.000000000, 5.000000000, 6.000000000, 7.000000000, 8.000000000, 9.000000000, 10.000000000, 11.000000000, 12.000000000, 13.000000000, 14.000000000, 15.000000000, 16.000000000, 17.000000000, 18.000000000, 19.000000000, 20.000000000, 21.000000000, 22.000000000, 23.000000000, 24.000000000, 25.000000000, 26.000000000, 27.000000000, 28.000000000, 29.000000000, 30.000000000, 31.000000000, 32.000000000, 33.000000000, 34.000000000, 35.000000000, 36.000000000, 37.000000000, 38.000000000, 39.000000000, 40.000000000, 41.000000000, 42.000000000, 43.000000000, 44.000000000, 45.000000000, 46.000000000, 47.000000000, 48.000000000, 49.000000000, 50.000000000, 51.000000000, 52.000000000, 53.000000000, 54.000000000, 55.000000000, 56.000000000, 57.000000000, 58.000000000, 59.000000000, 60.000000000, 61.000000000, 62.000000000, 63.000000000, 64.000000000, 65.000000000, 66.000000000, 67.000000000, 68.000000000, 69.000000000, 70.000000000, 71.000000000, 72.000000000, 73.000000000, 74.000000000, 75.000000000, 76.000000000, 77.000000000, 78.000000000, 79.000000000, 80.000000000, 81.000000000, 82.000000000, 83.000000000, 84.000000000, 85.000000000, 86.000000000, 87.000000000, 88.000000000, 89.000000000, 90.000000000, 91.000000000, 92.000000000, 93.000000000, 94.000000000, 95.000000000, 96.000000000, 97.000000000, 98.000000000, 99.000000000, 100.000000000
4. CONTROL POINTS: 0.89971922, 2.005198484, 3.000000000, 4.000000000, 5.000000000, 6.000000000, 7.000000000, 8.000000000, 9.000000000, 10.000000000, 11.000000000, 12.000000000, 13.000000000, 14.000000000, 15.000000000, 16.000000000, 17.000000000, 18.000000000, 19.000000000, 20.000000000, 21.000000000, 22.000000000, 23.000000000, 24.000000000, 25.000000000, 26.000000000, 27.000000000, 28.000000000, 29.000000000, 30.000000000, 31.000000000, 32.000000000, 33.000000000, 34.000000000, 35.000000000, 36.000000000, 37.000000000, 38.000000000, 39.000000000, 40.000000000, 41.000000000, 42.000000000, 43.000000000, 44.000000000, 45.000000000, 46.000000000, 47.000000000, 48.000000000, 49.000000000, 50.000000000, 51.000000000, 52.000000000, 53.000000000, 54.000000000, 55.000000000, 56.000000000, 57.000000000, 58.000000000, 59.000000000, 60.000000000, 61.000000000, 62.000000000, 63.000000000, 64.000000000, 65.000000000, 66.000000000, 67.000000000, 68.000000000, 69.000000000, 70.000000000, 71.000000000, 72.000000000, 73.000000000, 74.000000000, 75.000000000, 76.000000000, 77.000000000, 78.000000000, 79.000000000, 80.000000000, 81.000000000, 82.000000000, 83.000000000, 84.000000000, 85.000000000, 86.000000000, 87.000000000, 88.000000000, 89.000000000, 90.000000000, 91.000000000, 92.000000000, 93.000000000, 94.000000000, 95.000000000, 96.000000000, 97.000000000, 98.000000000, 99.000000000, 100.000000000
5. NONCONFORMING STRUCTURES HAVE NOT BEEN
6. CREATED BY THIS SURVEY.
7. ACCORDING TO LATEST FLOOD CONTROL, FLOOD INSURANCE RATE, DATED OCTOBER 3, 2006



1" = 50 FT.



CURVE	LENGTH	RAIUS	BEARING	CHORD
C1	102.65	448.40	S03°17'01"W	102.43
C2	19.77	258.89	N07°29'13"E	19.77
C3	87.31	258.89	N04°11'47"W	86.90
C4	95.61	258.89	N42°28'17"W	95.07
C5	10.57	258.89	N88°11'17"W	10.57
C6	38.93	55.00	N57°39'02"W	38.12
C7	52.47	55.00	S74°45'28"W	50.51
C8	146.64	55.00	S28°57'14"E	106.91
C9	29.66	25.00	S71°20'45"E	27.95
C10	163.84	198.89	N13°45'23"W	159.25
C11	40.65	26.25	N54°12'01"E	38.71
C12	18.69	25.00	N60°01'28"W	18.28
C13	57.49	50.00	N71°32'59"W	54.38
C14	123.48	50.00	S04°45'31"W	94.41
C15	50.88	50.00	N64°52'01"E	48.70
C16	18.69	25.00	N77°08'31"E	18.28
C17	51.46	37.72	N42°21'29"W	47.56

Provisionally Suitable Soil
Unsuitable Soil

PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCE, OR SALES

REVISIONS

4D site solutions
409 Chapel Hill, Suite 112, Raleigh, NC 27605
Phone: (919) 455-2242 | Fax: (919) 455-2242
www.4dsitesolutions.com

PROJECT NAME
SUBDIVISION
SURVEY
ROLLING SPRINGS
PB 23, PG 14 &
RIGHT-OF-WAY
ABANDONMENT

SANDALWOOD DRIVE
ANDERSON CREEK &
BARBEQUE TOWNSHIP
TOWN OF SPRING LAKE
HARNETT COUNTY
NORTH CAROLINA

CLIENT
WELCO
CONTRACTORS, INC

2111 Highway 210 North
Spring Lake, North Carolina 28390
Phone: (910) 455-6131
Fax: (910) 455-2242

PROJECT INFORMATION

SURVEYED BY:	CLIFF
DRAWN BY:	SEAN
CHECKED BY:	JIMMY
PROJECT NUMBER:	7736

DRAWING SCALE
HORIZONTAL: 1"=80'

DATE SURVEYED
FEBRUARY 16, 2022

SHEET NUMBER
1