

C. 414-698-4072
 NICHOLAS A. ROACH
 Anna Marie ROACH
 SEPTIC Concept Only
 PAR 4

APN: 512-180-35436

NOTES:

PARCEL MAP NO. 2652

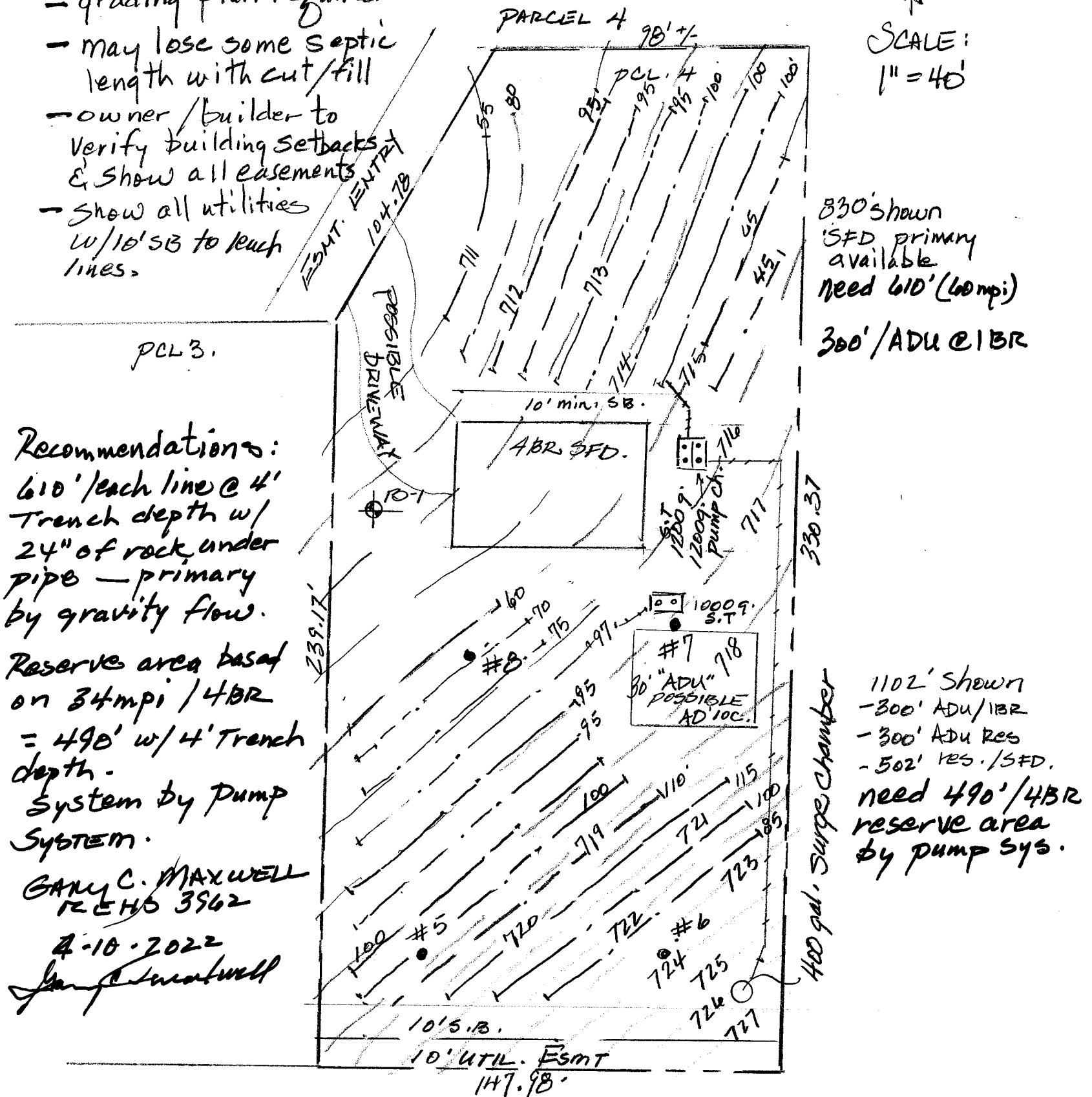
APN: 512-180-35, 36

Septic Cert. 400' / 3BR

- grading plan required
- may lose some septic length with cut/fill
- owner / builder to verify building setbacks & show all easements
- show all utilities w/ 10' SB to reach lines.

email: Rick.noach@gmail.com

SCALE:
 1" = 40'



830' shown
 SFD primary
 available
 need 610' (60mpi)
 300' / ADU @ 1BR

Recommendations:
 610' / each line @ 4'
 Trench depth w/
 24" of rock under
 pipe - primary
 by gravity flow.

Reserve area based
 on 34mpi / 4BR
 = 490' w/ 4' Trench
 depth.
 System by pump
 system.

GARY C. MAXWELL
 REHS 3962

4-10-2022

garycmaxwell

1102' shown
 - 300' ADU / 1BR
 - 300' ADU Res
 - 502' Res. / SFD.
 need 490' / 4BR
 reserve area
 by pump sys.



COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
PERCOLATION TEST REPORT

DEH Control #: _____
 Date: 4-10-2022
 Activity Code: _____

PAR. 3

Assessor's Parcel Number: 512-100-35-00 Map # PM 2652 Lot # PAR. 3
 Site Address So. of 2265 Euclid Ave. Town: El Cajon Zip Code: _____
 Owner: NICHOLAS & ANNA MARIE ROACH Phone: (414) 698-4072
Rick Roach@gmail.com
 Mailing Address: 1843 Ellendale Dr., Northbrook, IL 60062

Test Hole #	Test Depth	Stabilized Rate mpi	Test Hole #	Test Depth	Stabilized Rate	Average Perc Rate
#1	3'	42				28.25 mpi
#2	3'	15				
#3	4'	15				
#4	3'	41				

B-3 21.0' Dry w/pipe

Vertical seepage pits: Provide soils log, uniformity/capacity test results, and calculations on separate 8-1/2" x 11" sheets of paper

TYPE OF SOIL: (clay, silt, sand, decomposed granite, etc.)

Surface: Silty sand with variable clay

1-3 ft. below surface: silty sand w/clay to silty sand

3-5 ft. below surface: brown silty sand to tan silty sand

5-8 ft. below surface: tan silty sand

8-21 ft. below surface: tan silty sand/decomposed granite

Depth to Refusal: Random Rock Depth to Groundwater: > 20 ft.

B-1 / B-2 note: 610' primary system by gravity flow.

RECOMMENDATIONS: 460' reserve area by pump system

Septic Tank: 1200-1500 gal Pump Chamber: 1200 gal Surge Tank: 400 gal

Leach Line Length: 460 ft Seepage Pit Type: _____ Number of Pits: _____

Trench Depth: 4.0 ft Length: N/A ft Width: N/A ft

Rock below Pipe: 24 in Total Depth: _____ ft Cap Depth: _____ ft

Other: "Infiltrator" @ 4.0' OKAY

Proposed Structure: 4 BEDROOM single family residence

WATER SUPPLY:

Source of Potable Water: HELIX WATER DISTRICT Well Permit Number: _____

I have reviewed this percolation data and design of the subsurface sewage disposal system for this parcel and find the data and design to be accurate and in compliance with state and local regulations, and good engineering practice.

Registered CE, PE, Geologist, REHS: GARY C. MAXWELL, REHS 3962 *G. Maxwell*

Address: PO BOX 836, Alpine 91903 Phone: 619-722-6057 Date: 4-10-2022

FOR DEPARTMENT USE ONLY

Approved: Yes _____ No _____ Date: _____

Final Map Required: Yes _____ No _____

Specialist: _____

Building Plan Review: _____

Date: _____

Grading Inspection: _____

Date: _____

Water Sample Analysis Results: _____

Date: _____



COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
PERCOLATION TEST REPORT

PAR. 4

DEH Control #: _____
Date: 4-10-2022
Activity Code: _____

Assessor's Parcel Number: 512-180-36-00 Map # pm 2652 Lot # PAR. 4
Site Address So. of 2265 Euclid Ave. Town: El Cajon Zip Code: _____
Owner: NICHOLAS E. Anna Marie ROACH Phone: 414-698-4072
Rick Noach@gmail.com
Mailing Address: 1843 Ellendale Dr., Northbrook, IL 60062

Test Hole #	Test Depth	Stabilized Rate mpi	Test Hole #	Test Depth	Stabilized Rate	Average Perc Rate
#5	3'	15				34 mpi
#6	3'	30				
#7	4'	44				
#8	4'	46				

B-1 21' Dry w/pipe

Vertical seepage pits: Provide soils log, uniformity/capacity test results, and calculations on separate 8-1/2" x 11" sheets of paper

TYPE OF SOIL: (clay, silt, sand, decomposed granite, etc.)

Surface: Bm. silty sand w/clay
1-3 ft. below surface: brown silty sand w/clay
3-5 ft. below surface: silty sand w/clay to silty sand (tan)
5-8 ft. below surface: silty sand to decomposed granite
8-21 ft. below surface: tan silty sand / B.G.
Depth to Refusal: Random rock Depth to Groundwater: > 21 ft.

RECOMMENDATIONS:

Septic Tank: 1200-1500 gal Pump Chamber: 1200 gal Surge Tank: 400 gal
Leach Line Length: 490 ft Seepage Pit Type: _____ Number of Pits: _____
Trench Depth: 4.0 ft Length: N/A ft Width: N/A ft
Rock below Pipe: 24 in Total Depth: _____ ft Cap Depth: _____ ft
Other: "Infiltrator" okay @ 4.0'
Proposed Structure: 4 BR SFD. w/ POSSIBLE 1 BR "ADU"
1 BR "ADU" @ 34 mpi = 290' + 100%

WATER SUPPLY:

Source of Potable Water: Helix Water District Well Permit Number: _____

I have reviewed this percolation data and design of the subsurface sewage disposal system for this parcel and find the data and design to be accurate and in compliance with state and local regulations, and good engineering practice.

Registered CE, PE, Geologist, REHS: GARY C. MAXWELL, REHS 3962
Address: PO Box 836, Alpine 91903 Phone: 619-722-6057 Date: 4-10-2022

FOR DEPARTMENT USE ONLY

Approved: Yes ___ No ___ Date: _____ Final Map Required: Yes ___ No ___
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Water Sample Analysis Results: _____ Date: _____



EUGLID AVENUE

D AVENUE

pet. 3
home

pet. 4
home