

COUNTY OF LAKE



Department of Public Health
922 Bevins Ct
LAKEPORT, CALIFORNIA 95453-9780
Telephone 707/263-2241
South Shore Civic Center
Telephone 707/994-2257

Ezbon Jen, DHSc, MPH
Health Administrator
Peter Stanley, MD
Health Officer

November 9, 1988

Mr. Carl Guy
P. O. Box 4199
Santa Rosa, California 95402

RE: APN 45-183-15

Dear Mr. Guy:

I have completed a soil study of the above referenced property for an On-Site System in the area that you indicated. The test pit excavations should be backfilled without delay. On the basis of this study, on-site disposal appears suitable. This approval is contingent on the size of system and proposed layout of the lot. A copy of the study is attached and the results are as follows:

1. This site has been approved for the Alternative Seepage Trench System.
2. 50 lineal feet of drainfield line will be required per 150 gallons of flow. This is to be a serial distribution system. Trench depth is not to exceed 36 inches, nor be shallower than 36 inches with 24" total rock.
3. Low-flush toilets required. Maintain 100' setback from all wells.

Drainfields must be installed on contour in the area as shown on the attached Report of Evaluation. Drainfield installation is not permitted on ground that has been altered by cutting or filling.

Any person other than the property owner must be licensed by the State of California to install and/or construct a septic system. A construction permit must be obtained from this office prior to installation of this system.

Please feel free to contact this office if you should have any additional questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Manuel Ramirez".

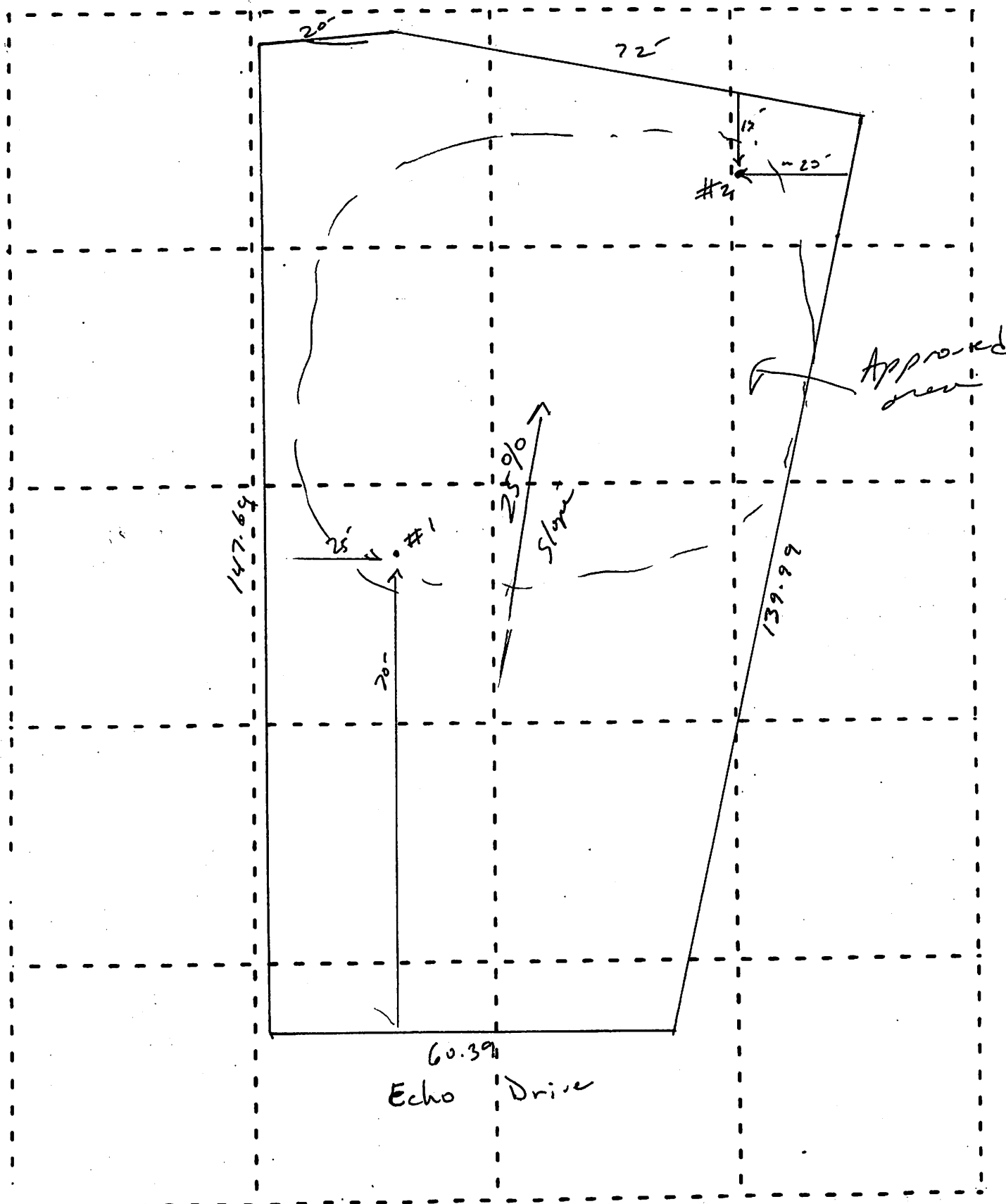
Manuel Ramirez
District Sanitarian

cc: Braitto Engineering

SITE EVALUATION REPORT

Applicants Name: Brato Engineering Evaluator: MANUEL RAMIREZ

APN: 45-103-15 Date: 11-3-93



SITE EVALUATION REPORT

Applicants Name: Brain Engineering Evaluator: MANUEL RAMIREZ

APN: 45-183-15 Date: 11-3-83

Pit #: 1

Depth: 0-44
 Rock Fragments: (13) 132-352 >352
 Texture: LOAM
 Color: (Matrix) 5YR 4/4
 Mottles: Color 0
 Abundance < 2% 2-20% > 20%
 Size < 5mm N/A 5-15mm > 15mm
 Contrast faint distinct prominent
 Structure: Grade weak moderate strong
 Type - gr pl pr cpr abk sbk
 Consistence: wet - stickiness so s vs
 plasticity po ps p vp
 Roots: few common many
 Very Fine Fine Medium Coarse
 .1-.5mm .5-2mm 2-5mm 5-10mm
 Horizon's - Distinctness: a c g d
 Topography: a u i b
 Groundwater - Depth: actual
 predicted

Good pores

Pit #: 1

Depth: 44-60
 Rock Fragments: (13) 132-352 >352
 Texture: SANDY CLAY LOAM
 Color: (Matrix) 7.5YR 4/6
 Mottles: Color 0
 Abundance < 2% 2-20% > 20%
 Size < 5mm N/A 5-15mm > 15mm
 Contrast faint distinct prominent
 Structure: Grade - weak moderate strong
 Type - gr pl pr cpr abk sbk
 Consistence: wet - stickiness so s vs
 plasticity po ps p vp
 Roots: few common many
 Very Fine Fine Medium Coarse
 .1-.5mm .5-2mm 2-5mm 5-10mm
 Horizon's - Distinctness: a c g d
 Topography: a u i b
 Groundwater - Depth: actual
 predicted

no pores
 dense

Pit #:

Depth: _____
 Rock Fragments: <132 132-352 >352
 Texture: _____
 Color: (Matrix) _____
 Mottles: Color _____
 Abundance < 2% 2-20% > 20%
 Size < 5mm 5-15mm > 15mm
 Contrast faint distinct prominent
 Structure: Grade - weak moderate strong
 Type - gr pl pr cpr abk sbk
 Consistence: wet - stickiness so s vs
 plasticity po ps p vp
 Roots: few common many
 Very Fine Fine Medium Coarse
 .1-.5mm .5-2mm 2-5mm 5-10mm
 Horizon's - Distinctness: a c g d
 Topography: a u i b
 Groundwater - Depth: actual
 predicted

Pit #: 2

Depth: 0-13"
 Rock Fragments: (13) 132-352 >352
 Texture: LOAM
 Color: (Matrix) 5YR 3/4
 Mottles: Color 0
 Abundance < 2% 2-20% > 20%
 Size < 5mm N/A 5-15mm > 15mm
 Contrast faint distinct prominent
 Structure: Grade - weak moderate strong
 Type - gr pl pr cpr abk sbk
 Consistence: wet - stickiness so s vs
 plasticity po ps p vp
 Roots: few common many
 Very Fine Fine Medium Coarse
 .1-.5mm .5-2mm 2-5mm 5-10mm
 Horizon's - Distinctness: a c g d
 Topography: a u i b
 Groundwater - Depth: actual
 predicted

Pit #: 2

Depth: 13-60"
 Rock Fragments: (13) 132-352 >352
 Texture: Coarse Sand
 Color: (Matrix) N/A
 Mottles: Color 0
 Abundance < 2% 2-20% > 20%
 Size < 5mm N/A 5-15mm > 15mm
 Contrast faint distinct prominent
 Structure: Grade - weak moderate strong
 Type - gr pl pr cpr abk sbk
 Consistence: wet - stickiness so s vs
 plasticity po ps p vp
 Roots: few common many
 Very Fine Fine Medium Coarse
 .1-.5mm .5-2mm 2-5mm 5-10mm
 Horizon's - Distinctness: a c g d
 Topography: a u i b
 Groundwater - Depth: actual
 predicted

some iron staining

Pit #: 2 Restrictive Layer

Depth: 60"-65"
 Rock Fragments: (13) 132-352 >352
 Texture: cemented sand stone
 Color: (Matrix) _____
 Mottles: Color _____
 Abundance < 2% 2-20% > 20%
 Size < 5mm 5-15mm > 15mm
 Contrast faint distinct prominent
 Structure: Grade - weak moderate strong
 Type - gr pl pr cpr abk sbk
 Consistence: wet - stickiness so s vs
 plasticity po ps p vp
 Roots: few common many
 Very Fine Fine Medium Coarse
 .1-.5mm .5-2mm 2-5mm 5-10mm
 Horizon's - Distinctness: a c g d
 Topography: a u i b
 Groundwater - Depth: actual
 predicted

Landscape Notes moderate growth manure, chicken shrubs
 Slope 25% Aspect _____
 Other Site Notes Unable to determine exact slope of lot due to slope
Restricted Layer 4 1/2" - 60" from ground surface.
4(25) = 50'

Initial seepage System Size 50 /150q Max. Depth Absorption Facility (in) 36
 Replacement seepage System Size 50 /150q Max. Depth Absorption Facility (in) 36
 Special Conditions low flush toilets required, maintain 100' setback

from all wells