

REPLACEMENT TENTATIVE PARCEL MAP FOR TPM 20533

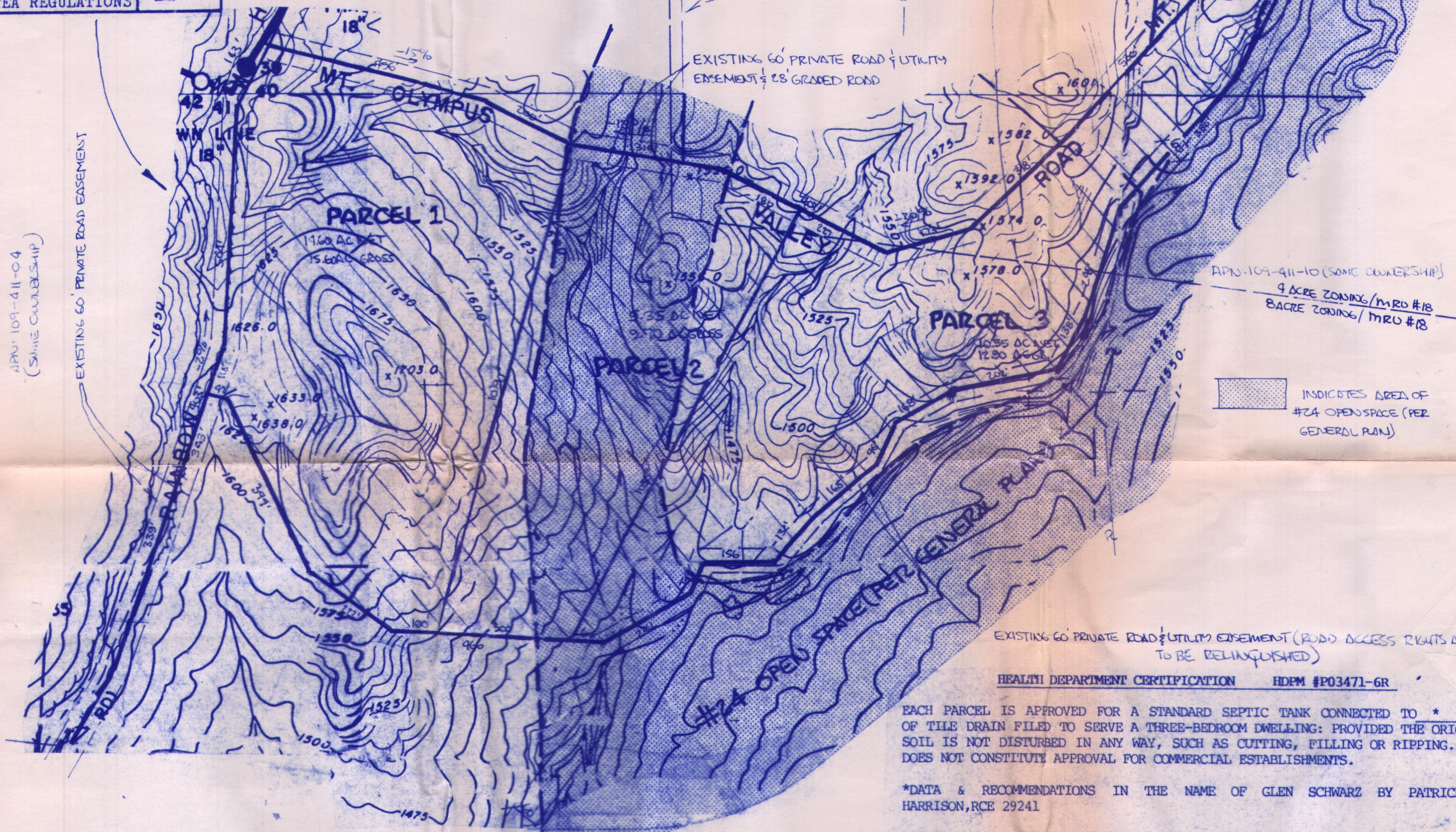
USE REGULATIONS		A70
NEIGHBORHOOD REGULATIONS		L
DEVELOPMENT REGULATIONS	DENSITY	0.25
	LOT SIZE	8.25
	BUILDING TYPE	C
	MAXIMUM FLR AREA	—
	FLOOR AREA RATIO	—
	HEIGHT	G
	LOT COVERAGE	—
	SETBACK	C
SPECIAL AREA REGULATIONS		—

SLOPE TABLE

PARCEL 1	32%
PARCEL 2	47%
PARCEL 3	21%

% OF SLOPE OVER 25% SLOPE IS 69%
AVERAGE SLOPE OF PROPERTY IS 33%
AREAS OVER 25% SLOPE IS ACRES
SLOPES OVER 25% SHOWN THUS:

USE REGULATIONS		A70
NEIGHBORHOOD REGULATIONS		L
DEVELOPMENT REGULATIONS	DENSITY	0.25
	LOT SIZE	4.25
	BUILDING TYPE	C
	MAXIMUM FLR AREA	—
	FLOOR AREA RATIO	—
	HEIGHT	G
	LOT COVERAGE	—
	SETBACK	C
SPECIAL AREA REGULATIONS		—



APN: 109-411-04
(SAME OWNERSHIP)

EXISTING 60' PRIVATE ROAD EASEMENT

8 ACRES ZONING/MRD #18
4 ACRES ZONING/MRD #18

EXISTING 60' PRIVATE ROAD & UTILITY EASEMENT & 25' GRADED ROAD

APN: 109-411-10 (SAME OWNERSHIP)
9 ACRES ZONING/MRD #18
8 ACRES ZONING/MRD #18

INDICATES AREA OF #24 OPEN SPACE (PER GENERAL PLAN)

EXISTING 60' PRIVATE ROAD & UTILITY EASEMENT (ROAD ACCESS RIGHTS ARE TO BE RELINQUISHED)

HEALTH DEPARTMENT CERTIFICATION HDEP #P03471-6R

EACH PARCEL IS APPROVED FOR A STANDARD SEPTIC TANK CONNECTED TO * FEET OF TILE DRAIN FILED TO SERVE A THREE-BEDROOM DWELLING: PROVIDED THE ORIGINAL SOIL IS NOT DISTURBED IN ANY WAY, SUCH AS CUTTING, FILLING OR RIPPING. THIS DOES NOT CONSTITUTE APPROVAL FOR COMMERCIAL ESTABLISHMENTS.

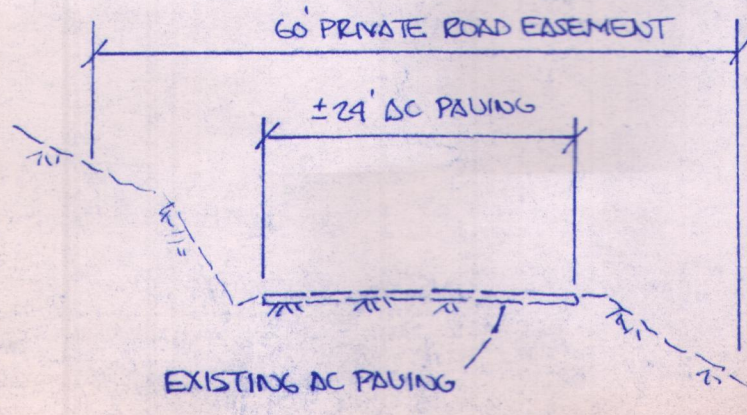
*DATA & RECOMMENDATIONS IN THE NAME OF GLEN SCHWARZ BY PATRICK W. HARRISON, RCE 29241

PARCEL	LEACH LINE FOOTAGE	TRENCH DEPTH FOOTAGE
1	350	3
2	370	3
3	400	3

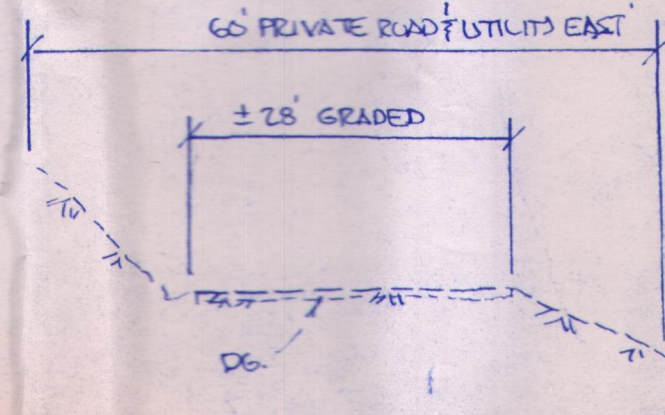
GARY ERBECK, DIRECTOR DEPARTMENT OF ENVIRONMENTAL HEALTH BY TOYO NISHII, REHS 6-13-2000

ENGINEER OF WORK:
PATRICK W. HARRISON, RCE 29241
330 NORTH MAIN STREET
FALLBROOK, CA. 92028
1-760-728-7684 FAX=1-760-728-3951

DATE
PATRICK W. HARRISON, RCE 29241
MY REGISTRATION EXPIRES 3-31-2003



TYPICAL SECTION
RAINBOW HEIGHTS ROAD



TYPICAL SECTION
MT. OLYMPUS VALLEY ROAD



VICINITY MAP
NO SCALE THOMAS BROS. 999-C5

TPM 20533 New TPM Map
9/14 update JTH

OWNERS CERTIFICATE

I HEREBY CERTIFY THAT I AM THE RECORD OWNER, AS SHOWN ON THE LATEST EQUALIZED COUNTY ASSESSMENT, OF THE PROPERTY SHOWN ON THE TENTATIVE PARCEL MAP. ALL OF MY CONTIGUOUS OWNERSHIP WITHIN AND BEYOND THE BOUNDARIES OF THE TENTATIVE PARCEL MAP IS SHOWN. THE BASIS OF CREATION OF THE LOTS IN MY OWNERSHIP (E.G. PARCEL MAP, FINAL MAP, CERTIFICATE OF COMPLIANCE, RECORDED DEED-BEFORE 2-1-72) IS INDICATED ON THE TENTATIVE PARCEL MAP. I UNDERSTAND THAT PROPERTY IS CONSIDERED AS CONTIGUOUS EVEN IF IT IS SEPARATED BY ROADS, STREETS, UTILITY EASEMENTS OR RAILROADS RIGHT-OF-WAYS. "FREEWAY" AS DEFINED IN SECTION 23.5 OF THE STREETS AND HIGHWAYS CODE, SHALL NOT BE CONSIDERED AS ROADS OR STREETS.

I FURTHER CERTIFY THAT I WILL NOT, BY THIS APPLICATION, CREATE OR CAUSE TO BE CREATED, OR WILL NOT HAVE FURTHER PARTICIPATED IN THE CREATION OF MORE THAN FOUR PARCELS ON CONTIGUOUS PROPERTY UNLESS SUCH CONTIGUOUS PARCELS WERE CREATED BY MAJOR SUBDIVISION. FOR PURPOSES OF THIS CERTIFICATION, THE TERM "PARTICIPATED" MEANS HAVING COOPERATED WITH OR ACTED IN A PLANNING COORDINATING OR DECISION-MAKING CAPACITY IN ANY FORMAL OR INFORMAL ASSOCIATION OR PARTNERSHIP FOR THE PURPOSE OF DIVIDING REAL PROPERTY.

I CERTIFY THAT UNDER THE PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT. EXECUTED THIS 3RD DAY OF MARCH 2000 AT FALLBROOK, CALIFORNIA.

Richard L. Oswald *Francine K. Oswald*
SIGNATURE SIGNATURE
NAME RICHARD L. OSWALD NAME FRANCINE K. OSWALD
ADDRESS 860 BOSTWICK LANE ADDRESS 860 BOSTWICK LANE
SANTA CRUZ, CA. 95062 SANTA CRUZ, CA. 95062
PHONE 1-408-476-1177 1-408-476-1177

- 1) COMPLETE TAX ASSESSOR'S PARCEL NUMBER IS: 109-411-05 (PORTION OF)
- 2) LEGAL DESCRIPTION OF THE LAND SHOWN ON THE TENTATIVE PARCEL MAP IS AS FOLLOWS: PORTION OF 1/4 OF SECTION 8, T9S, R2W, SEM, SEE 8/CCO-0158 (PARCEL "A") & 8/CCO-0159 (PARCEL "B")
- 3) ASSOCIATED PERMITS: NONE
- 4) STATUS OF EXISTING LEGAL ACCESS TO SUBJECT PROPERTY FROM A PUBLICLY MAINTAINED ROAD (IE RECORDED EASEMENT, UNRECORDED EASEMENT, IDENTIFY AND SPECIFY WIDTH): EXISTING 60' PRIVATE ROAD EASEMENT
- 5) EXISTING ZONING OF EACH PARCEL IS: A70
- 6) PROPOSED USE OF EACH PARCEL IS: SINGLE FAMILY DWELLING
- 7) SOURCE OF DOMESTIC POTABLE WATER SUPPLY IS: RAINBOW MUNICIPAL WATER DISTRICT
- 8) DISTRICT OR AGENCY PROVIDING FIRE PROTECTION TO SUBJECT IS: NORTH COUNTY FIRE PROTECTION DISTRICT
- 9) NO GRADING IS PROPOSED
- 10) SEWER DISTRICT IS: NONE
- 11) SCHOOL DISTRICTS: GRADES K-8 IS: VALLECITOS ELEMENTARY SCHOOL DISTRICT GRADES 9-12 IS: FALLBROOK UNION HIGH SCHOOL DISTRICT
- 12) COMMUNITY PLAN IS: RAINBOW REGIONAL CATEGORY: MRD
- 13) GENERAL PLAN IS: MULTIPLE RURAL USE #16/OPEN SPACE #24
- 14) THIS IS A SOLAR SUBDIVISION AS REQUIRED BY SECTION 81.401(n) OF THE SUBDIVISION ORDINANCE. ALL PARCELS HAVE AT LEAST 100SF OF UNOBSTRUCTED ACCESS TO SUNLIGHT ON THE BUILDABLE PORTION OF THE PARCEL.
- 15) TOPO INDEX: 454-1131(X)

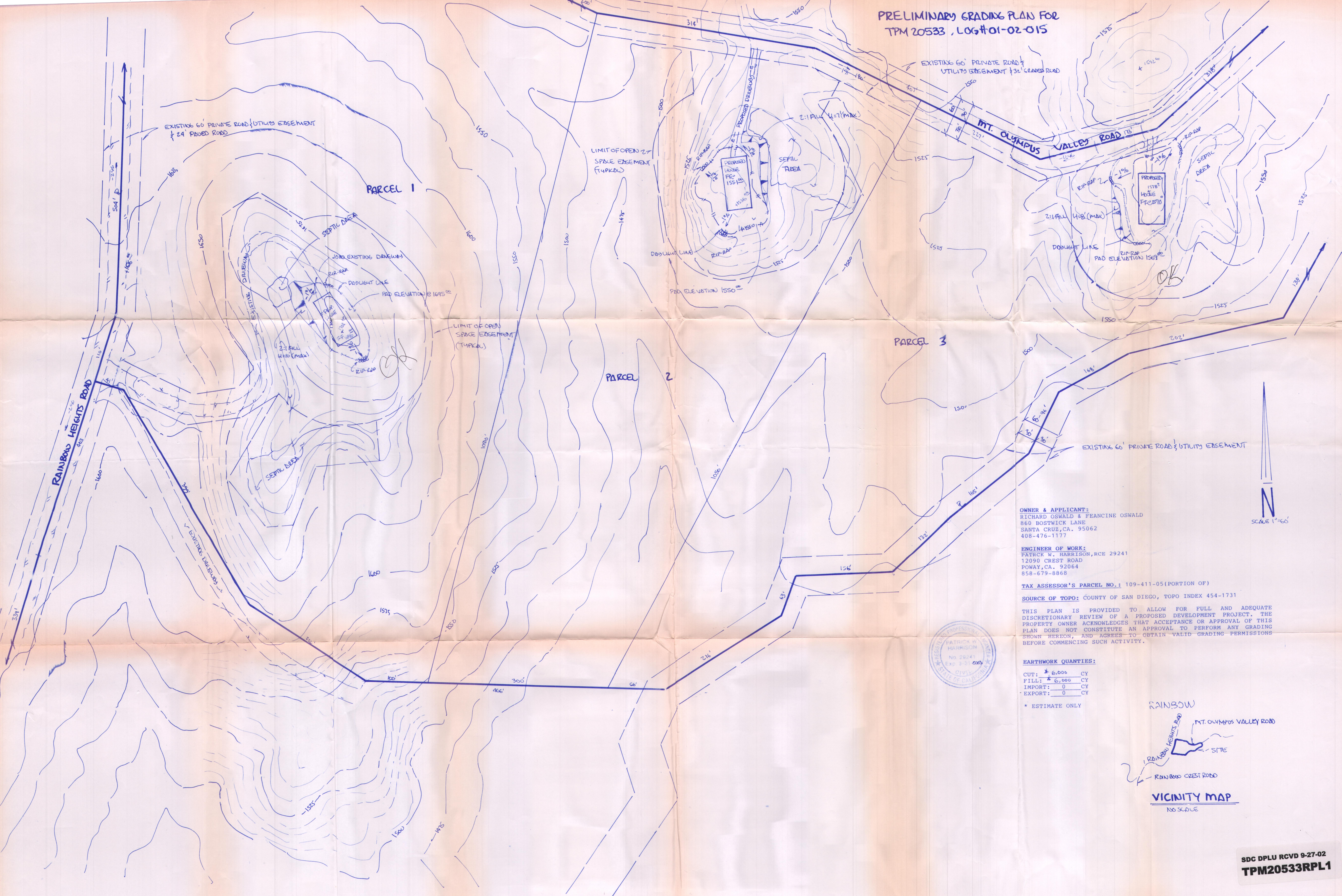
ALL PARCELS SHALL HAVE A LAYOUT OF THE SEWAGE DISPOSAL SYSTEM, PROPOSED STRUCTURES, CUTS AND FILLS APPROVED BY THE SAN DIEGO DEPARTMENT OF ENVIRONMENTAL HEALTH PRIOR TO THE APPROVAL OF THE BUILDING PERMIT AND/OR ISSUANCE OF A SEPTIC TANK PERMIT. AN ADDITIONAL EXPANSION AREA OF 100% OF THE INITIAL TILE AREA SHALL BE PROVIDED BY GRAVITY FLOW FOR THE POTENTIAL EXPANSION IN THE EVENT OF FAILURE.

THIS CERTIFICATION DOES NOT IMPLY ALL CONDITIONS PURSUANT TO THE RESOURCE PROTECTION ORDINANCE HAVE BEEN MET. THE DEPARTMENT OF PLANNING AND LAND USE SHOULD BE CONSULTED REGARDING THE APPLICATION OF THE ORDINANCE RELATIVE TO THIS PROJECT. ANY RESULTANT CHANGES TO THE SEPTIC SYSTEM DESIGN(S) MUST BE RE-EVALUATED BY THE DEPARTMENT OF HEALTH SERVICES.

N
SCALE 1"=200'

W0.126177-1

PRELIMINARY GRADING PLAN FOR TPM 20533, LOG #01-02-015



OWNER & APPLICANT:
RICHARD OSWALD & FEANCINE OSWALD
860 BOSTWICK LANE
SANTA CRUZ, CA. 95062
408-476-1177

ENGINEER OF WORK:
PATRICK W. HARRISON, RCE 29241
12090 CREST ROAD
POWAY, CA. 92064
858-679-8868

TAX ASSESSOR'S PARCEL NO.: 109-411-05 (PORTION OF)

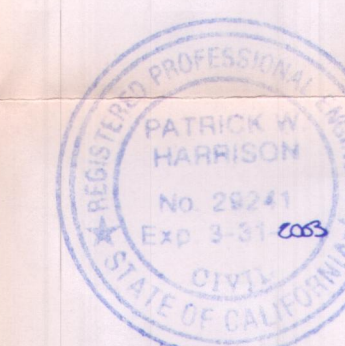
SOURCE OF TOPO: COUNTY OF SAN DIEGO, TOPO INDEX 454-1731

THIS PLAN IS PROVIDED TO ALLOW FOR FULL AND ADEQUATE DISCRETIONARY REVIEW OF A PROPOSED DEVELOPMENT PROJECT. THE PROPERTY OWNER ACKNOWLEDGES THAT ACCEPTANCE OR APPROVAL OF THIS PLAN DOES NOT CONSTITUTE AN APPROVAL TO PERFORM ANY GRADING SHOWN HEREON, AND AGREES TO OBTAIN VALID GRADING PERMISSIONS BEFORE COMMENCING SUCH ACTIVITY.

EARTHWORK QUANTITIES:

CUT: * 6,000 CY
FILL: * 6,000 CY
IMPORT: 0 CY
EXPORT: 0 CY

* ESTIMATE ONLY



New Parcel 1

SEPTIC TANK INSTALLATION REPORT
SOIL CONDITIONS OF TRENCH OR SEEPAGE PIT
PERCOLATION TEST

DEPARTMENT USE ONLY
Issue permit ☐ Yes ☒ No
Final parcel map required: ☒ Yes ☐ No
Sanitarian: W. Ballaguer
Date: May 24, 1982

P03471-6

Date 12/10/81

OWNER'S NAME GLEN SCHWABE ADDRESS 1032 BRILEY WDS
CONTRACTOR _____ ADDRESS VIA PDX, CA, 92671

Legal Location POP N 1/2 SECTION 8, T 9 S, R 2 W Lot _____ Block _____
TAX. ASS. NO. 109-080-03 (PORTION) & 109-231-01
Test Location 9600 N/D RAINBOW HEIGHTS ROAD ON THOMAS BROS. 400-C1
PRIVATE ROAD TO CONSERVATION CAMP (NUMBER, STREET AND TOWN)

- THIS REPORT WILL NOT BE REVIEWED UNTIL THE FOLLOWING INFORMATION IS ATTACHED:
- 1. Lot Location (locate by street)
 - 2. Existing and Proposed Structures
 - 3. Surfaced Areas
 - 4. Lot Grade
 - 5. Wells
 - 6. Utility Water Lines
 - 7. Test Holes
 - 8. Sub-Surface Disposal System
 - 9. Cuts and Fill
 - 10. All calculations on 8 1/2 x 11" Sheet

SUB-SURFACE DRAINAGE

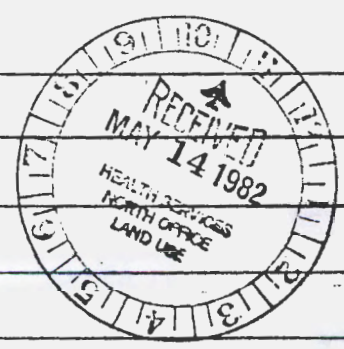
PERCOLATION TEST	TEST	DEPTH OF HOLE	TIME FOR H ₂ O	SAFETY FACTOR	TIME/INCH	AVE. TIME/IN.
Last two readings shall not vary more than 10%	1.	1	3'		15	13
	2.	2	3'		15	
	3.	3	3'		11	
	4.	4	3'		10	

LEACHING SEEPAGE PITS - Provide soils log and calculations on 8 1/2 x 11" sheet

DEPTH	COARSE SAND OR GRAVEL	FINE SAND	SANDY LOAM OR SANDY CLAY	CLAY WITH CONSIDERABLE SAND OR GRAVEL	EFFECTIVE ABSORP. AREA

TYPE OF SOIL: Give specific information (clay-adobe-decomposed granite, etc.)

Surface: TOP SOIL
1 ft. below surface: _____
2 ft. below surface: D.G.
3 ft. below surface: D.G.
8 to 10 ft. below surface: D.G.



Source of water RAINBOW MUNICIPAL WATER DISTRICT Depth of water table GREATER THAN 15'

Proposed structure: No. 1 Type SINGLE FAMILY DWELLING

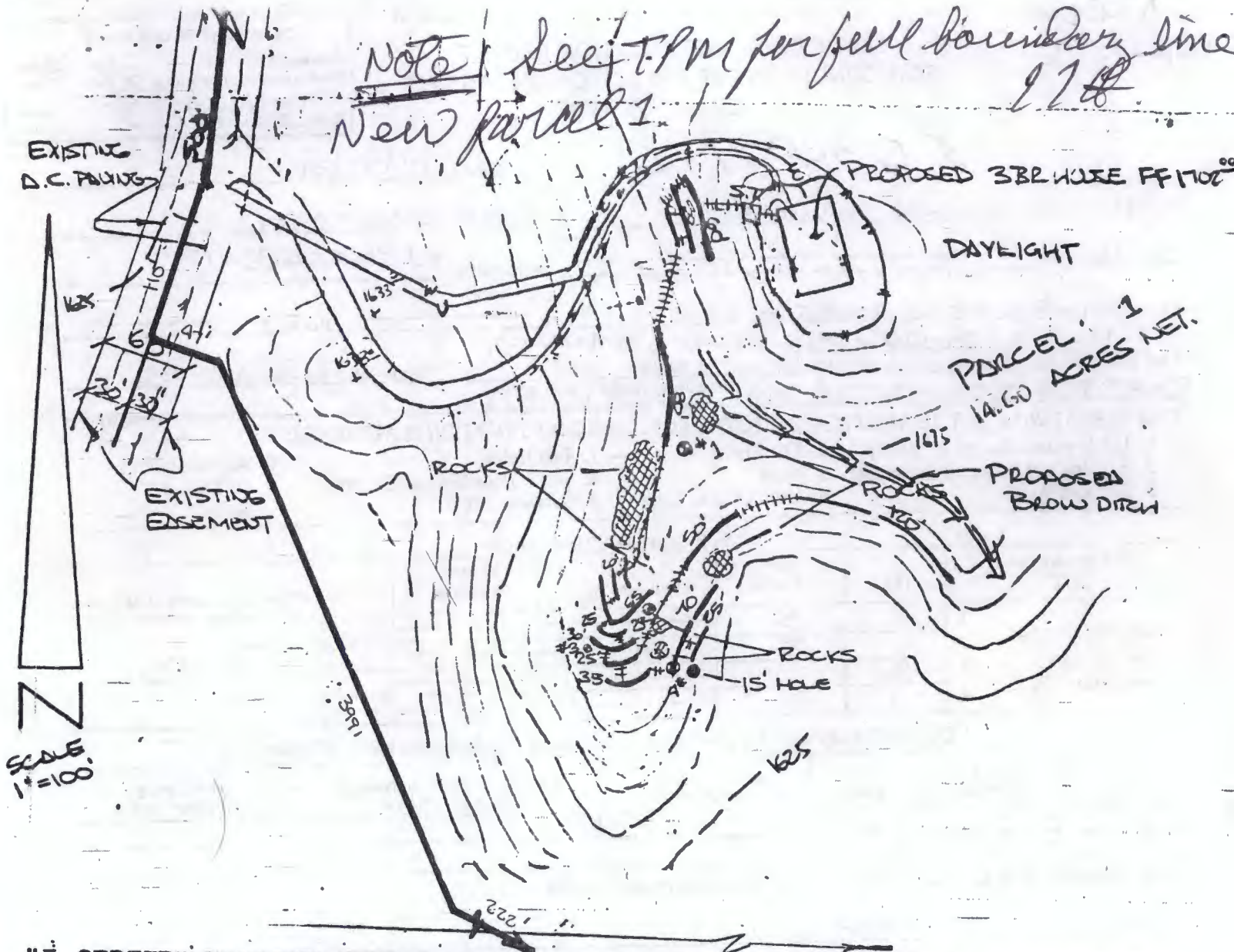
No. of bedrooms: 3, and/or maximum capacity: _____

RECOMMENDATIONS:

Size tank 1000 gal.
Drainage tile 350 ft.
Trench width 1.5 ft.
Trench depth 3.0 ft.
Seepage pit width _____ ft.
Seepage pit depth _____ ft.

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 the State and local regulations and good engineering practices
Archie W. Knapp
REGISTERED ENGINEER
517 W. KNAPP RD 7247671
29241 (REG. NO.) 5/22/81

NOTE: See T.P.M. for full boundary line
New parcel 1



"I CERTIFY THAT THE LAYOUT DRAWING SHOWS THE LOCATION OF ALL PUBLIC WATER LINES ON THE LOT AND ALL PUBLIC WATER LINES THAT ARE WITHIN 20 FEET OF THE LOT BOUNDARIES."

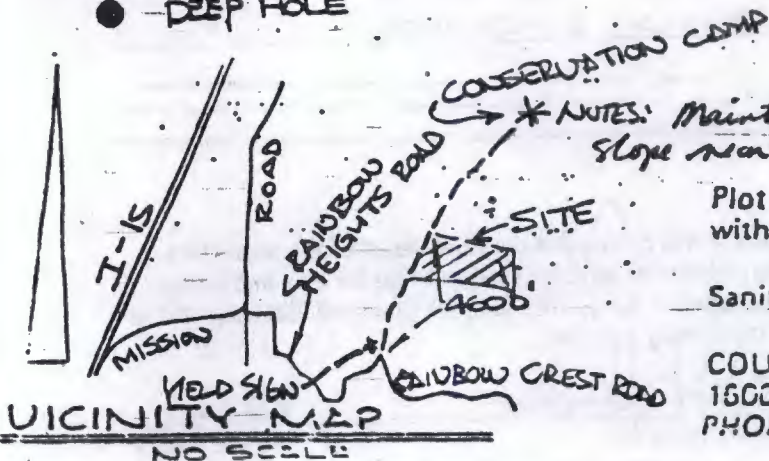
LEGEND:

- LEACH LINES
- EXPANSION LINES
- +++++ TIGHT LINES
- ⊙ PERC. HOLE
- ST 1000 GALLON SEPTIC TANK
- DEEP HOLE

PREPARED BY:

PATRICK W. HARRISON, RCE 29241
12090 CREST ROAD
POWAY, CA. 92064
1-858-679-8868

OWNER: RICHARD L. OSWALD
860 BOSTWICK LANE
SANTA CRUZ, CA. 95062
1-408-476-1177



* NOTES: Maintain 5:1 setback from large rocks on the slope near the western boundary line.

Plot plan as shown by engineer is in substantial compliance with County Code.

Sanitarian

Victoria T. Gallagher

COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH
1500 PACIFIC HWY, SAN DIEGO, CA 92101
PHONE: 236-2243

new
Parcel 2

COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH.

SEPTIC TANK INSTALLATION REPORT
SOIL CONDITIONS OF TRENCH OR SEEPAGE PIT
PERCOLATION TEST

E17-10748-13R

DEPARTMENT USE ONLY	
Issue permit	☐ Yes ☒ No
Final parcel map required	☒ Yes ☐ No
Sanitarian:	<u>H. Haller</u>
Date:	<u>May 24, 1982</u>

P03471-6

Date 12/10/31

OWNER'S NAME GLENN SCHWARTZ

ADDRESS 10732 BRILEY WAY

CONTRACTOR _____

ADDRESS VIA PARK, CA, 92671

Legal Location POB N 1/2 SECTION 8, T35, R2W

Lot _____

Block _____

TLX. DSE. NO. 109-080-09 (PORTION) & 109-231-01

Test Location 6600 N/O RAINBOW HEIGHTS ROAD ON

THOMAS BROS. 400-C1

PRIVATE ROAD TO CONSERVATION CAMP (NUMBER, STREET AND TOWN)

THIS REPORT WILL NOT BE REVIEWED UNTIL THE FOLLOWING INFORMATION IS ATTACHED:

- | | | | |
|-------------------------------------|------------------------|--------------------------------|---|
| 1. Lot Location (locate by street) | 4. Lot Grade | 7. Test Holes | 10. All calculations on 8 1/2 x 11" Sheet |
| 2. Existing and Proposed Structures | 5. Wells | 8. Sub-Surface Disposal System | |
| 3. Surfaced Areas | 6. Utility Water Lines | 9. Cuts and Fill | |

SUB-SURFACE DRAINAGE

PERCOLATION TEST	TEST	DEPTH OF HOLE	TIME FOR H ₂ O	SAFETY FACTOR	TIME/INCH	AVE. TIME/IN.
Last two readings shall not vary more than 10%	1.	3'			17	17
	2.	3'			17	
	3.	3'			17	
	4.	3'			17	

LEACHING SEEPAGE PITS - Provide soils log and calculations on 8 1/2 x 11" sheet

DEPTH	COARSE SAND OR GRAVEL	FINE SAND	SANDY LOAM OR SANDY CLAY	CLAY WITH CONSIDERABLE SAND OR GRAVEL	EFFECTIVE ABSORP. AREA

TYPE OF SOIL: Give specific information (clay-adobe-decomposed granite, etc.)

Surface: _____

TOP SOIL

1 ft. below surface: _____

"

2 ft. below surface: _____

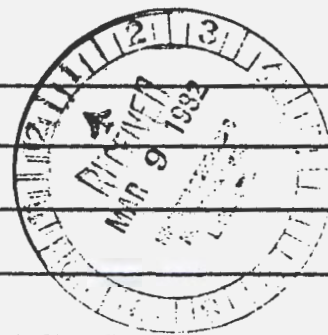
D.G.

3 ft. below surface: _____

D.G.

8 to 10 ft. below surface: _____

D.G.



Source of water RAINBOW MUNICIPAL WATER DISTRICT Depth of water table GREATER THAN 15'

Proposed structure: No. 1

Type SINGLE FAMILY DWELLING

No. of bedrooms: 3

and/or maximum capacity: _____

RECOMMENDATIONS:

Size tank 1000 gal.

Drainage tile 370 ft.

Trench width 1.5 ft.

Trench depth 3.0 ft.

Seepage pit width _____ ft.

Seepage pit depth _____ ft.

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 the State and local regulations and good engineering practices

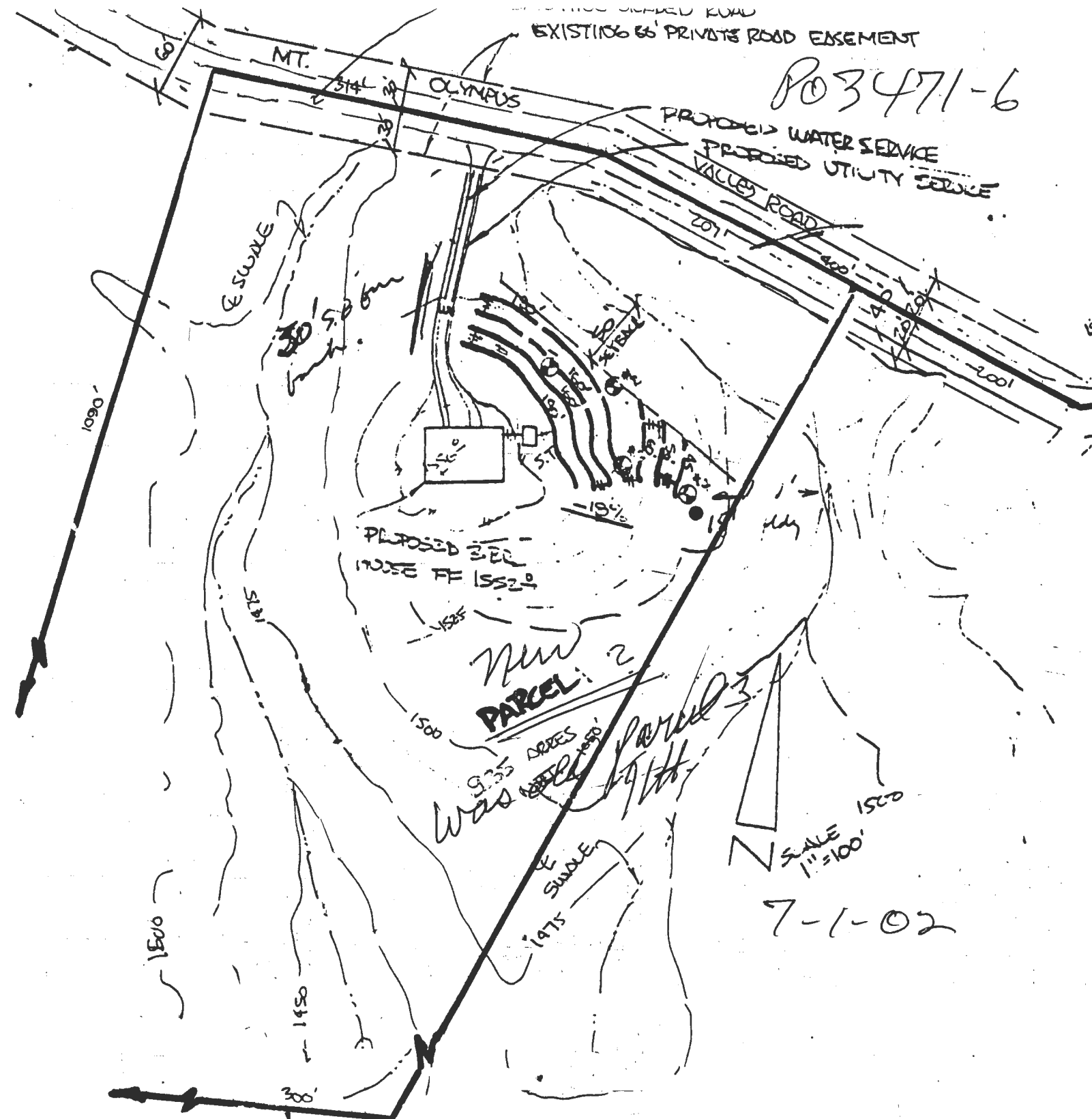
W. K. Knapp
REGISTERED ENGINEER

517 W. KNAPP DR 724-7654

29241

(REG. NO.)

5123/21



"I CERTIFY THAT THE LAYOUT DRAWING SHOWS THE LOCATION OF ALL PUBLIC WATER LINES ON THE LOT AND ALL PUBLIC WATER LINES THAT ARE WITHIN 20 FEET OF THE LOT BOUNDRIES."

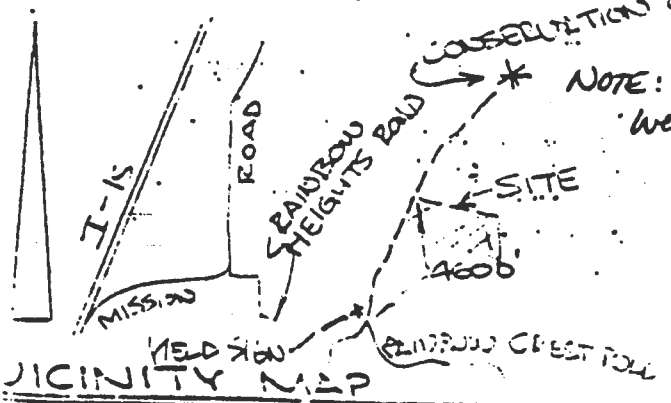
LEGEND:

- LEACH LINES
- - - EXPANSION LINES
- +++++ TIGHT LINES
- ⊙ PERC. HOLE
- 1000 GALLON SEPTIC TANK
- DEEP HOLE

PREPARED BY:

PATRICK W. HARRISON, RCE 29241
 12090 CREST ROAD
 POWAY, CA. 92064
 1-858-679-8868

OWNER: RICHARD L. OSWALD
 860 BOSTWICK LANE
 SANTA CRUZ, CA. 95062
 1-408-476-1177



NOTE: Maintain 50 ft. setback from steep slope west of the proposed driveway.
 Plot plan as shown by engineer is in substantial compliance with County Code.

Sanitarian Victoria L. Mollay
 COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH
 1500 PACIFIC HWY, SAN DIEGO, CA 92101
 PHONE: 235-2243

new
Parcel 3

SEPTIC TANK INSTALLATION REPORT
SOIL CONDITIONS OF TRENCH OR SEEPAGE PIT
PERCOLATION TEST

PO3471-17-10744-13A

DEPARTMENT USE ONLY
Issue permit ☐ Yes ☒ No
Final parcel map required: ☒ Yes ☐ No
Sanitarian: H. J. Gallagher
Date: May 24, 1982

Date 12/10/81

OWNER'S NAME ELSON SCHWABE ADDRESS 10132 BRILEY WDS

CONTRACTOR _____ ADDRESS VIA PDX, CA, 92671

Legal Location FOR N 1/2 SECTION 8, T 35, R 22 W Lot _____ Block _____

TAX. ASS. NO. 109-080-09 (PORTION) & 109-231-01

Test Location 4600' N/D RAINBOW HEIGHTS ROAD ON THOMAS BEES. 400-C1

PRIVATE ROAD TO CONSERVATION CAMP (NUMBER, STREET AND TOWN)

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- | | | | |
|-------------------------------------|------------------------|--------------------------------|---|
| 1. Lot Location (locate by street) | 4. Lot Grade | 7. Test Holes | 10. All calculations on 8 1/2 x 11" Sheet |
| 2. Existing and Proposed Structures | 5. Wells | 8. Sub-Surface Disposal System | |
| 3. Surfaced Areas | 6. Utility Water Lines | 9. Cuts and Fill | |

SUB-SURFACE DRAINAGE

PERCOLATION TEST	TEST	DEPTH OF HOLE	TIME FOR H ₂ O	SAFETY FACTOR	TIME/INCH	AVE. TIME/IN.
Last two readings shall not vary more than 10%	1.	3'			20	24
	2.	3'			18	
	3.	3'			28	
	4.	3'			31	

LEACHING SEEPAGE PITS - Provide soils log and calculations on 8 1/2 x 11" sheet

DEPTH	COARSE SAND OR GRAVEL	FINE SAND	SANDY LOAM OR SANDY CLAY	CLAY WITH CONSIDERABLE SAND OR GRAVEL	EFFECTIVE ABSORP. AREA

TYPE OF SOIL: Give specific information (clay-adobe-decomposed granite, etc.)

Surface: TOP SOIL
1 ft. below surface: "
2 ft. below surface: D.G.
3 ft. below surface: D.G.
8 to 10 ft. below surface: D.G.



Source of water EDINBORO MUNICIPAL WATER DISTRICT Depth of water table GREATER THAN 15'

Proposed structure: No. 1 Type SINGLE FAMILY DWELLING

No. of bedrooms: 3, and/or maximum capacity: _____

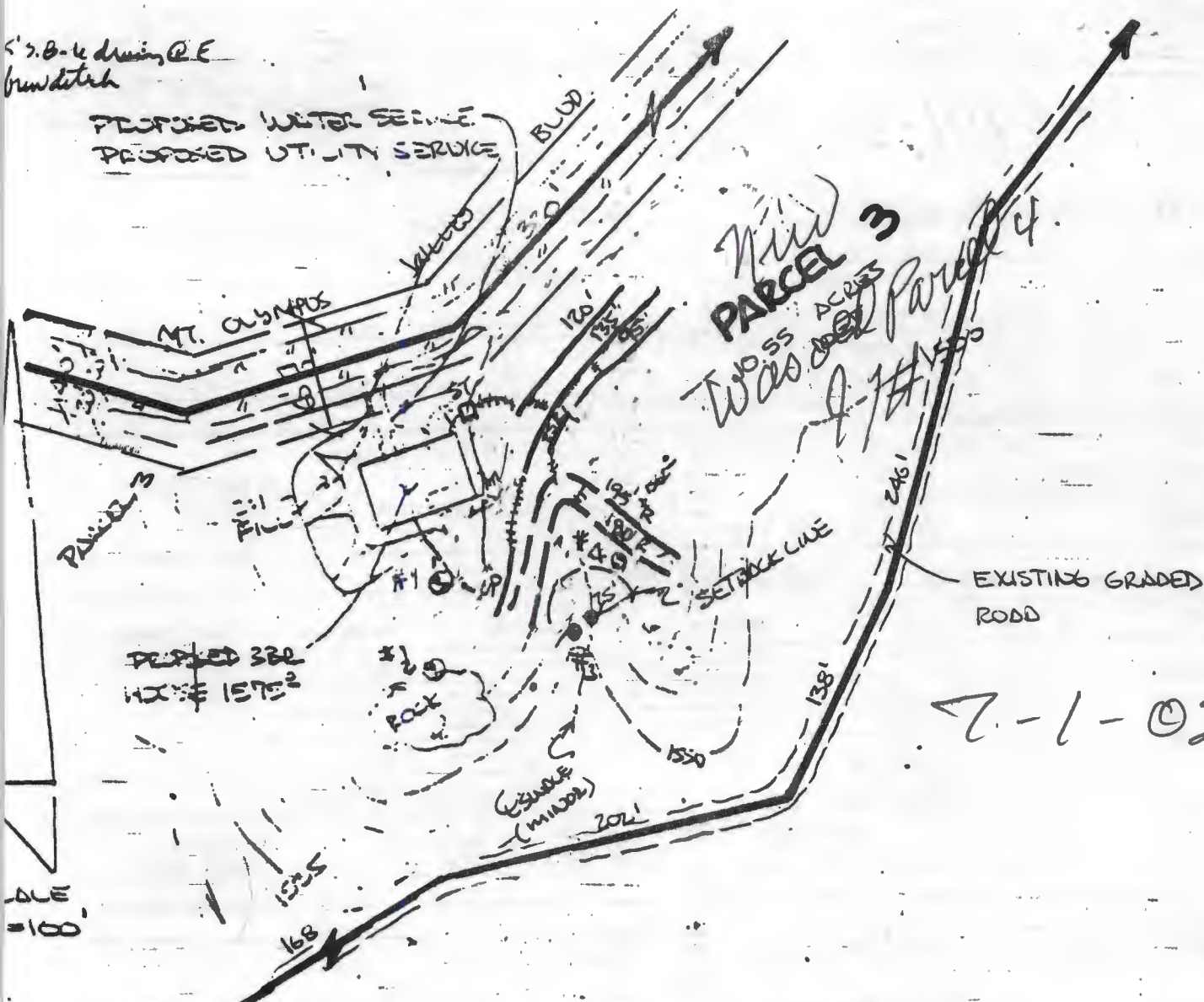
RECOMMENDATIONS:

Size tank 1000 gal.
Drainage tile 400 ft.
Trench width 1.5 ft.
Trench depth 3.0 ft.
Seepage pit width _____ ft.
Seepage pit depth _____ ft.

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 the State and local regulations and good engineering practices

STEVE W. KNOPP 29241
REGISTERED ENGINEER (REG. NO.)
517 W. KNAPP DR 724-7674 5/23/81
Address Phone

S.D. 4-4 drawing Q.E.
brundeteh



I CERTIFY THAT THE LAYOUT DRAWING SHOWS THE LOCATION OF ALL PUBLIC WATER LINES ON THE LOT AND ALL PUBLIC WATER LINES THAT ARE WITHIN 20 FEET OF THE LOT BOUNDRIES.

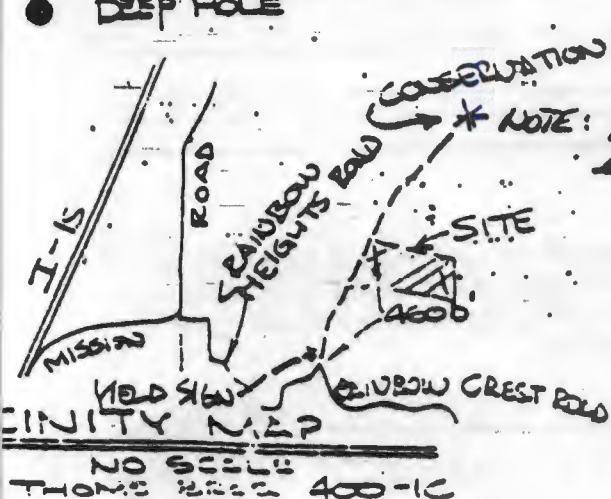
LEGEND:

- LEACH LINES
- EXPANSION LINES
- ++++ TIGHT LINES
- PERC. HOLE
- 1000 GALLON SEPTIC TANK
- DEEP HOLE

PREPARED BY:

PATRICK W. HARRISON, RCE 29241
12090 CREST ROAD
POWAY, CA. 92064
1-858-679-8868

OWNER: RICHARD L. OSWALD
860 BOSTWICK LANE
SANTA CRUZ, CA. 95062
1-408-476-1177



* NOTE: Maintain 25 ft. setback from drainage way east of back field area.

Plot-plan as shown by engineer is in substantial compliance with County Code.

Sanitarian Victoria E. Gallagher

COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH
1500 PACIFIC HWY. SAN DIEGO, CA 92101
PHONE: 235-2243

Issue permit ☐ Y ☒ N
 Final parcel map required ☐ Y ☒ N
 Sanitarian: V. Bullough
 Date: May 29, 1982

SEPTIC TANK INSTALLATION REPORT

SOIL CONDITIONS OF TRENCH OR SEEPAGE PIT

PERCOLATION TEST

Date 12/10/81OWNER'S NAME GLENN SCHWABEADDRESS 10132 BRILEY WAY

CONTRACTOR _____

ADDRESS VIA PDX, CA, 92671Legal Location FOR N 1/2 SECTION 8, T 9S, R 2W

Lot _____

Block _____

TAX. ASS. NO. 109-080-09 (PORTION) & 109-231-01Test Location 2600' N/D RAINBOW HEIGHTS ROAD ON

THOMAS BROS. 400-C1

PRIVATE ROAD TO CONSERVATION CAMP (NUMBER, STREET AND TOWN)

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- | | | | |
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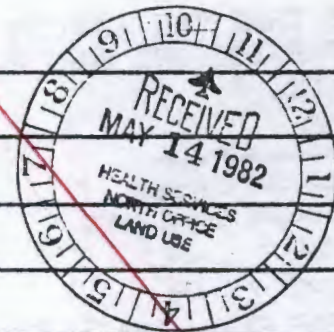
SUB-SURFACE DRAINAGE

PERCOLATION TEST	TEST	DEPTH OF HOLE	TIME FOR H ₂ O	SAFETY FACTOR	TIME/INCH	AVE. TIME/IN.
Last two readings shall not vary more than 10%	1.	3'			13	13
	2.	3'			14	
	3.	3'			15	
	4.	3'			11	

LEACHING SEEPAGE PITS - Provide soils log and calculations on 8 1/2 x 11" sheet

DEPTH	COARSE SAND OR GRAVEL	FINE SAND	SANDY LOAM OR SANDY CLAY	CLAY WITH CONSIDERABLE SAND OR GRAVEL	EFFECTIVE ABSORP. AREA

TYPE OF SOIL: Give specific information (clay-adobe-decomposed granite, etc.)

Surface: TOP SOIL1 ft. below surface: OUT2 ft. below surface: D.G.3 ft. below surface: D.G.8 to 10 ft. below surface: D.G.Source of water RAINBOW MUNICIPAL WATER DISTRICT Depth of water table GREATER THAN 15'Proposed structure: No. 1 Type SINGLE FAMILY DWELLINGNo. of bedrooms: 3, and/or maximum capacity: _____

RECOMMENDATIONS:

Size tank 1000 gal.Drainage tile 350 ft.Trench width 1.5 ft.Trench depth 3.0 ft.

Seepage pit width _____ ft.

Seepage pit depth _____ ft.

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 the State and local regulations and good engineering practices

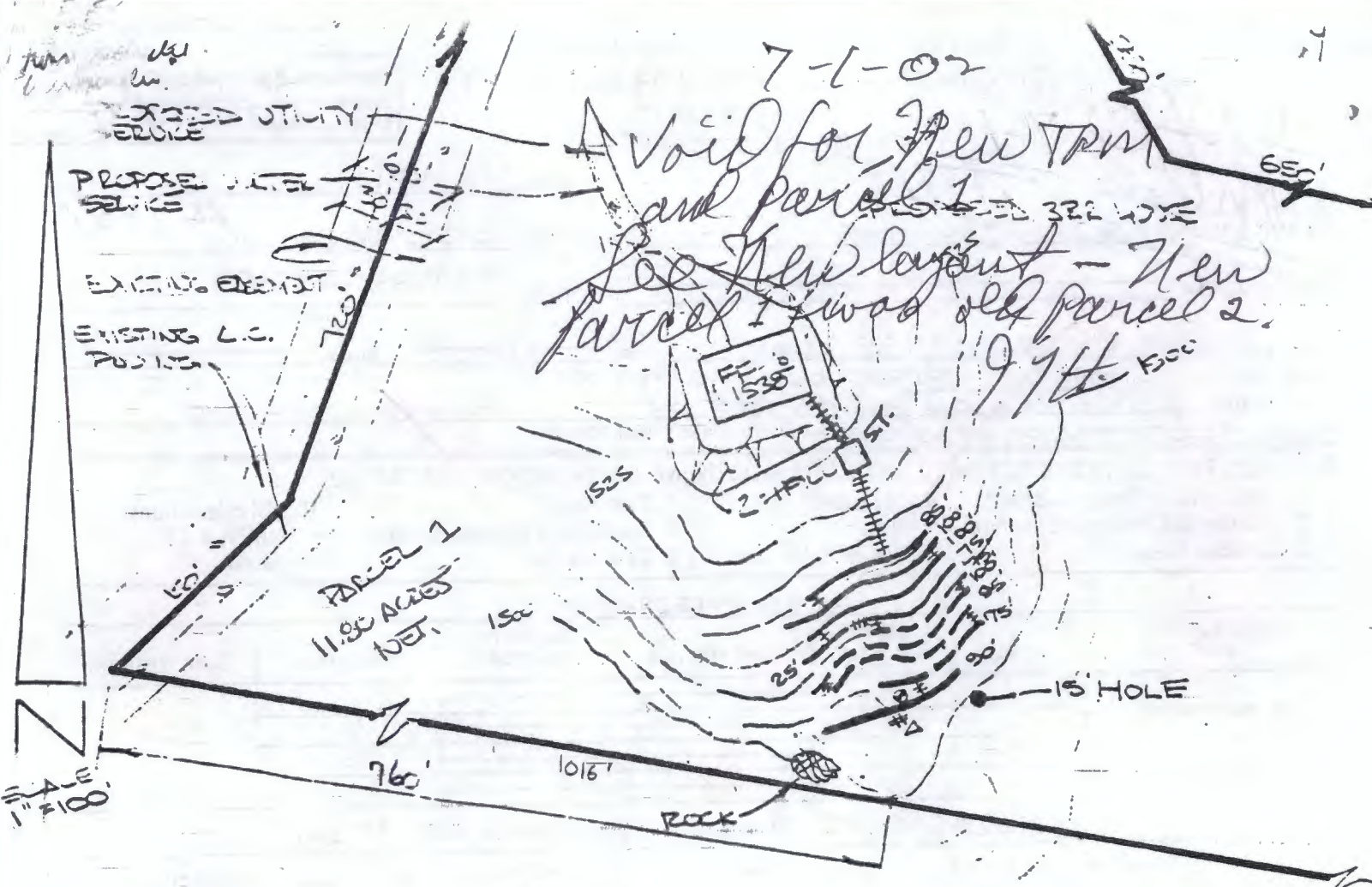
REGISTERED ENGINEER

1517 W. KATMA RD 774-7571

29241

(REG. NO.)

51222



"I CERTIFY THAT THE LAYOUT DRAWING SHOWS THE LOCATION OF ALL PUBLIC WATER LINES ON THE LOT AND ALL PUBLIC WATER LINES THAT ARE WITHIN 20 FEET OF THE LOT BOUNDRIES."

LEGEND:

- LEACH LINES
- EXPANSION LINES
- ++++ TIGHT LINES
- ⊙ PERC. HOLE
- ST. 1000 GALLON SEPTIC TANK
- DEEP HOLE

PREPARED BY:

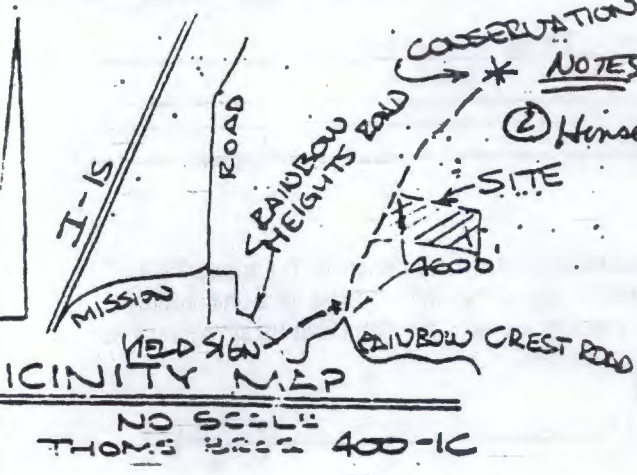
PATRICK W. HARRISON, RCE 29241
 12090 CREST ROAD
 POWAY, CA. 92064
 1-858-679-8868

OWNER: RICHARD L. OSWALD
 860 BOSTWICK LANE
 SANTA CRUZ, CA. 95062
 1-408-476-1177

- NOTES:**
- ① Drainage to be diverted away from leach field area - bios ditch to be installed.
 - ② House location restricted to upper elevations.
- Plot plan as shown by engineer is in substantial compliance with County Code.

Sanitarian Victoria H. Gallagher

COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH
 1500 PACIFIC HWY, SAN DIEGO, CA 92101
 PHONE: 235-2243



COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH
SEPTIC TANK INSTALLATION REPORT
SOIL CONDITIONS OF TRENCH OR SEEPAGE PIT
PERCOLATION TEST

DEPARTMENT USE ONLY	
Issue permit	☐ Yes ☒ No
Final parcel map required	☒ Yes ☐ No
Sanitarian: <u>V. J. Gallagher</u>	
Date: <u>May 29, 1982</u>	

OWNER'S NAME ELEAN SCHWABE ADDRESS 10732 BRILEY WDS
 CONTRACTOR _____ ADDRESS VIA PDX, CA, 92671

Legal Location FOR N 1/2 SECTION 8 T 9S R 2W Lot _____ Block _____
 TAX. ASS. NO. 109-080-09 (PORTION) & 109-231-01
 Test Location 4600 N/O RAINBOW HEIGHTS ROAD ON THOMAS BROS. 400-C1
PRIVATE ROAD TO CONSERVATION CAMP (NUMBER, STREET AND TOWN)

THIS REPORT WILL NOT BE REVIEWED UNTIL THE FOLLOWING INFORMATION IS ATTACHED:

- | | | | |
|-------------------------------------|------------------------|--------------------------------|---|
| 1. Lot Location (locate by street) | 4. Lot Grade | 7. Test Holes | 10. All calculations on 8 1/2 X 11" Sheet |
| 2. Existing and Proposed Structures | 5. Wells | 8. Sub-Surface Disposal System | |
| 3. Surfaced Areas | 6. Utility Water Lines | 9. Cuts and Fill | |

SUB-SURFACE DRAINAGE

PERCOLATION TEST	TEST	DEPTH OF HOLE	TIME FOR H ₂ O	SAFETY FACTOR	TIME/INCH	AVE. TIME/IN.
Last two readings shall not vary more than 10%	1.	3'			15	13
	2.	3'			15	
	3.	3'			11	
	4.	3'			10	

LEACHING SEEPAGE PITS - Provide soils log and calculations on 8 1/2 X 11" sheet

DEPTH	COARSE SAND OR GRAVEL	FINE SAND	SANDY LOAM OR SANDY CLAY	CLAY WITH CONSIDERABLE SAND OR GRAVEL	EFFECTIVE ABSORP. AREA

TYPE OF SOIL: Give specific information (clay-adobe-decomposed granite, etc.)

Surface: TOP SOIL
 1 ft. below surface: _____
 2 ft. below surface: D.G.
 3 ft. below surface: D.G.
 8 to 10 ft. below surface: D.G.



Source of water RAINBOW MUNICIPAL WATER DISTRICT Depth of water table GREATER THAN 15'

Proposed structure: No. 1 Type SINGLE FAMILY DWELLING

No. of bedrooms: 3, and/or maximum capacity: _____

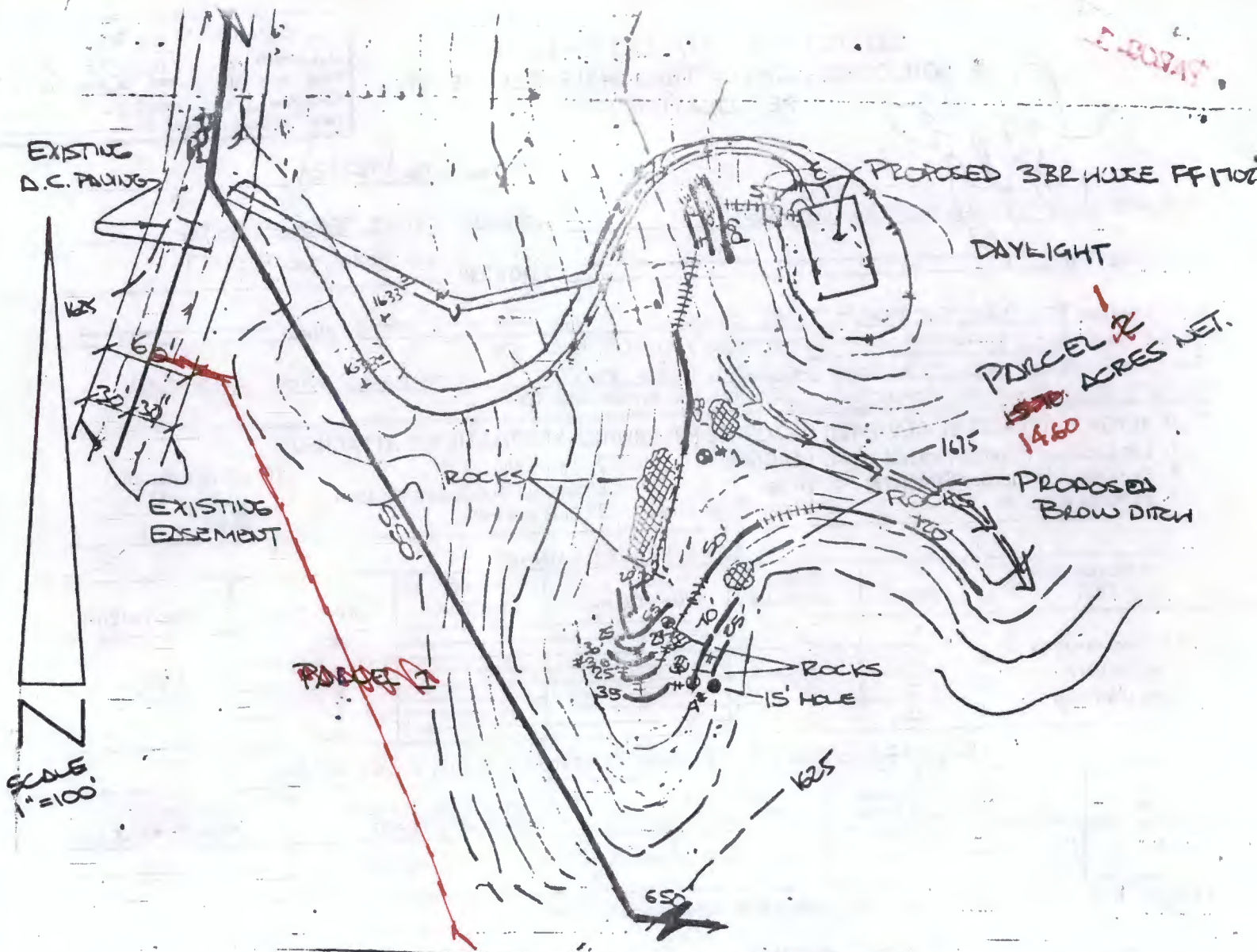
RECOMMENDATIONS:

Size tank 1000 gal.
 Drainage tile 350 ft.
 Trench width 1.5 ft.
 Trench depth 3.0 ft.
 Seepage pit width _____ ft.
 Seepage pit depth _____ ft.

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 the State and local regulations and good engineering practices

REGISTERED ENGINEER

29241
(REG. NO.)



"I CERTIFY THAT THE LAYOUT DRAWING SHOWS THE LOCATION OF ALL PUBLIC WATER LINES ON THE LOT AND ALL PUBLIC WATER LINES THAT ARE WITHIN 20 FEET OF THE LOT BOUNDRIES."

LEGEND:

- LEACH LINES
- EXPANSION LINES
- +++++ TIGHT LINES
- ⊕ PERC. HOLE
- 1000 GALLON SEPTIC TANK
- ST
- DEEP HOLE

PREPARED BY:

PATRICK W. HARRISON, RCE 29241
12090 CREST ROAD
POWAY, CA. 92064
1-858-679-8868

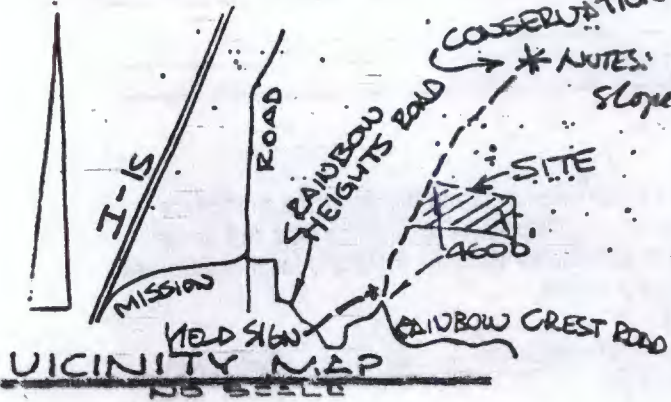
OWNER: RICHARD L. OSWALD
860 BOSTWICK LANE
SANTA CRUZ, CA. 95062
1-408-476-1177

* NOTES: Maintain 5:1 setback from large rocks on the slope near the western boundary line.

Plot plan as shown by engineer is in substantial compliance with County Code.

Sanitarian Victoria T. Gallagher

COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH
1500 PACIFIC HWY, SAN DIEGO, CA 92101
PHONE: 236-2243



PERMIT ~~16~~
2

COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH.

SEPTIC TANK INSTALLATION REPORT
SOIL CONDITIONS OF TRENCH OR SEEPAGE PIT
PERCOLATION TEST

E17-TO-748-13R

DEPARTMENT USE ONLY	
Issue permit	☐ Yes ☒ No
Final parcel map required:	☒ Yes ☐ No
Sanitarian:	<u>V. Halladay</u>
Date:	<u>May 24, 1982</u>

Date 12/10/81

OWNER'S NAME ELENU SCHWABE ADDRESS 10132 BRILEY WAY
CONTRACTOR _____ ADDRESS VIA PARK, CA, 92671

Legal Location FOR N 1/2 SECTION 8, T9S, R2W Lot _____ Block _____
TLX. DSE. NO. 109-080-09 (PORTION) & 109-231-01
Test Location 4600' N/D RAINBOW HEIGHTS ROAD ON THOMAS BROS. 400-C1
PRIVATE ROAD TO CONSERVATION CAMP (NUMBER, STREET AND TOWN)

THIS REPORT WILL NOT BE REVIEWED UNTIL THE FOLLOWING INFORMATION IS ATTACHED:

- | | | | |
|-------------------------------------|------------------------|--------------------------------|---|
| 1. Lot Location (locate by street) | 4. Lot Grade | 7. Test Holes | 10. All calculations on 8 1/2 x 11" Sheet |
| 2. Existing and Proposed Structures | 5. Wells | 8. Sub-Surface Disposal System | |
| 3. Surfaced Areas | 6. Utility Water Lines | 9. Cuts and Fill | |

SUB-SURFACE DRAINAGE

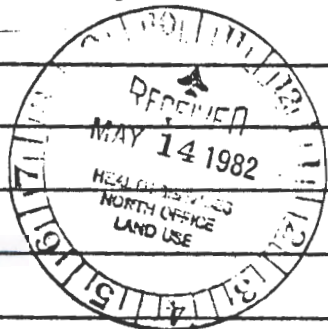
PERCOLATION TEST	TEST	DEPTH OF HOLE	TIME FOR H ₂ O	SAFETY FACTOR	TIME/INCH	AVE. TIME/IN.
Last two readings shall not vary more than 10%	1.	3'			17	17
	2.	3'			17	
	3.	3'			14	
	4.	3'			11	

LEACHING SEEPAGE PITS - Provide soils log and calculations on 8 1/2 x 11" sheet

DEPTH	COARSE SAND OR GRAVEL	FINE SAND	SANDY LOAM OR SANDY CLAY	CLAY WITH CONSIDERABLE SAND OR GRAVEL	EFFECTIVE ABSORP. AREA

TYPE OF SOIL: Give specific information (clay-adobe-decomposed granite, etc.)

Surface: TOP SOIL
1 ft. below surface: "
2 ft. below surface: D.G.
3 ft. below surface: D.G.
8 to 10 ft. below surface: D.G.



Source of water RAINBOW MUNICIPAL WATER DISTRICT Depth of water table GREATER THAN 15'

Proposed structure: No. 1 Type SINGLE FAMILY DWELLING

No. of bedrooms: 3, and/or maximum capacity: _____

RECOMMENDATIONS:

Size tank 1000 gal.
Drainage tile 2 1/2" ft.
Trench width 1.5 ft.
Trench depth 3.0 ft.
Seepage pit width _____ ft.
Seepage pit depth _____ ft.

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 the State and local regulations and good engineering practices

W. K. Knapp Jr.
REGISTERED ENGINEER
1517 W. KNAPP DR 724-7674
29221
REG. NO. 1
5123121

SEPTIC TANK INSTALLATION REPORT SOIL CONDITIONS OF TRENCH OR SEEPAGE PIT PERCOLATION TEST

Issue permit ☐ Yes ☒ No
Final parcel map required: ☒ Yes ☐ No
Sanitarian: L. J. Gallagher
Date: May 24, 1982

Date 12/10/81

OWNER'S NAME ELIAS SCHWABE

ADDRESS 10132 BRILEY WAY

CONTRACTOR _____

ADDRESS VIA PARK, CA, 92671

Legal Location FOR N 1/2 SECTION 8, T 35, R 22 W

Lot _____

Block _____

TAX. ASS. NO. 109-080-09 (PORTION) E 109-231-01

Test Location 4600 N/D RAINBOW HEIGHTS ROAD ON

THOMAS BROS. 400-C1

PRIVATE ROAD TO CONSERVATION CAMP (NUMBER, STREET AND TOWN)

THIS REPORT WILL NOT BE REVIEWED UNTIL THE FOLLOWING INFORMATION IS ATTACHED:

1. Lot Location (locate by street)
2. Existing and Proposed Structures
3. Surfaced Areas
4. Lot Grade
5. Wells
6. Utility Water Lines
7. Test Holes
8. Sub-Surface Disposal System
9. Cuts and Fill
10. All calculations on 8 1/2 x 11" Sheet

SUB-SURFACE DRAINAGE

PERCOLATION TEST	TEST	DEPTH OF HOLE	TIME FOR H ₂ O	SAFETY FACTOR	TIME/INCH	AVE. TIME/IN.
Last two readings shall not vary more than 10%	1.	1	3'		20	24
	2.	2	3'		18	
	3.	3	3'		22	
	4.	4	3'		31	

LEACHING SEEPAGE PITS - Provide soils log and calculations on 8 1/2 x 11" sheet

DEPTH	COARSE SAND OR GRAVEL	FINE SAND	SANDY LOAM OR SANDY CLAY	CLAY WITH CONSIDERABLE SAND OR GRAVEL	EFFECTIVE ABSORP. AREA

TYPE OF SOIL: Give specific information (clay-adobe-decomposed granite, etc.)

Surface: TOP SOIL

1 ft. below surface: "

2 ft. below surface: D.G.

3 ft. below surface: D.G.

8 to 10 ft. below surface: D.G.

Source of water RAINBOW MUNICIPAL WATER DISTRICT Depth of water table GREATER THAN 15'

Proposed structure: No. 1 Type SINGLE FAMILY DWELLING

No. of bedrooms: 3, and/or maximum capacity: _____

RECOMMENDATIONS:

Size tank 1000 gal.

Drainage tile 400 ft.

Trench width 1.5 ft.

Trench depth 3.0 ft.

Seepage pit width _____ ft.

Seepage pit depth _____ ft.

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 the State and local regulations and good engineering practices

STRICK W. KRAUS
REGISTERED ENGINEER

1517 W. KNAPP DR 724-7674

29241

(REG. NO.)

5/23/81



"I CERTIFY THAT THE LAYOUT DRAWING SHOWS THE LOCATION OF ALL PUBLIC WATER LINES ON THE LOT AND ALL PUBLIC WATER LINES THAT ARE WITHIN 20 FEET OF THE LOT BOUNDRIES."

LEGEND:

- ===== LEACH LINES
- ===== EXPANSION LINES
- +++++ TIGHT LINES
- ② PERC. HOLE
- ST. 1000 GALLON SEPTIC TANK
- DEEP HOLE

PREPARED BY:

PATRICK W. HARRISON, RCE 29241
12090 CREST ROAD
POWAY, CA. 92064
1-858-679-8868

OWNER: RICHARD I. OSWALD
860 BOSTWICK LANE
SANTA CRUZ, CA. 95062
1-408-476-1177

1-408-476-1177
: Maintain 25 ft. stretch from drainage way
east of beach field a co.

Plot-plan as shown by engineer is in substantial compliance with County Code.

Sanitarian

COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH
1600 PACIFIC HWY., SAN DIEGO, CA 92101
PHONE: 235-2343

