

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: David W. Carr
Date: 3-15-81

Date December 10, 1980

Permit No. E06-10103-01R

NEW OWNER

151200
-9205

OWNER'S NAME _____

ADDRESS _____

CONTRACTOR _____

ADDRESS _____

Local Location Por. of the NE 1/4 Sec. 14, T10S, R1E, S8M A.P.N. 151200-9205

Test Location Birch Hill Mount Palomar
(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. Ali calculations on 8 1/2 X 11" Sheet

| SUB-SURFACE DRAINAGE | | | | | |
|----------------------|---------------|---------------------------|---------------|-----------|---------------|
| PERCOLATION TEST | DEPTH OF HOLE | TIME FOR H ₂ O | SAFETY FACTOR | TIME/INCH | AVE. TIME/IN. |
| 1. | 5' | | 1.0 | 22.2 | |
| 2. | 5' | | 1.0 | 25.1 | |
| 3. | 5' | | 1.0 | 12.0 | 19.0 |
| 4. | 5' | | 1.0 | 16.7 | |

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: SANDY SILTY LOAM

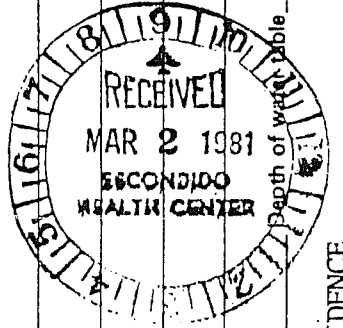
1 ft. below surface: SANDY SILTY LOAM

2 ft. below surface: SANDY SILTY LOAM

3 ft. below surface: SANDY SILTY LOAM

4 to 15 ft. below surface: SANDY SILTY LOAM

Source of water: PALOMAR MUTUAL WATER CO.



Proposed structure: No. ONE Type RESIDENCE

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

RECOMMENDATIONS:

I certify that the layout drawing shows the location of all public water lines on the lot and all public water lines within 20' of the lot boundaries. 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.

plus 1000 gal. expansion

Size tank 1000 gal.

Drainage tile 313 ft.

Trench width 1.5 ft.

Trench depth 5 ft.

Seepage pit width _____ ft.

Seepage pit depth _____ ft.

Gary M. Szytel
REGISTERED ENGINEER
RCE 24080

633 E. Valley Pkwy. Esc., Ca. 92025 741-6979
Address Phone

COUNTY OF SAN DIEGO
DEPARTMENT OF ENVIRONMENTAL HEALTH
LAND AND WATER QUALITY DIVISION

SAN DIEGO OFFICE
5201 Ruffin Road, Suite C
San Diego, CA 92123
(619) 565-5173

SAN MARCOS OFFICE
338 Via Vera Cruz, 2nd Floor
San Marcos, CA 92069
(760) 471-0730

EL CAJON OFFICE
200 E. Main St, 6th Fl.
El Cajon, CA 92020
(619) 441-4030

760 940-0791

PALOMAR MA

TO: ET SITE: BIRCH HILL LN.

OWNER: same APN: 135-101-22

MAILING ADDRESS: _____ LEGAL: _____

PHONE: _____ CONTROL #: 675268

This project is approved with the following conditions noted:

Approved: Chance Date: 29 Nov 00

FOR DEPARTMENTA
PERC TEST: Name "Geo" ROFF

CONDITIONS

1. 100' to water well (leach lines only), 150' to H-pits.
2. 100' to high water line or creek or pond.
3. 5:1 setback to cut bank or slope greater than 60% (5' horizontal for every 1' vertical up to 100')
4. 5:1 setback to ultimate road improvement cuts.
5. Maintain 25' setback to water main/easement.
6. Drainage course setback of 50' from edge of flowline.
7. Grading limited to design shown, or not to impact adjacent lot.
8. Setback to underground utility trenches (5:1).
9. Maintain required setbacks (paved areas and driveways require setbacks).
Septic tank to all structures is 5'.
Leach lines to all structures is 8'.
Seepage pit to all structures is 10'.
10. Slopes exceed 25% (see special conditions).
11. System to be located in native, undisturbed soil
12. System to be located in approved, tested area.
13. Leach lines to follow contour of land.
14. Plumbing fall to allow standard trench depth.
15. Trim and remove trees as necessary.
16. Tank to be installed in native material.

*see all layout notes
5' Trench w/36" Rock under pipe*

Septic Tank (in gallons): 1000 GALLON

Leach Line: Length 313 ft (+100% reserve)

Trench Depth 5' Rock Below Pipe 36"

Horizontal Pit: Length _____ Cap: _____

Vertical Pit: Depth: _____ Cap: _____

This system is approved to serve a 2 bedroom dwelling. MAX 2 BR - NO EXCEPTIONS

Approved Water Supply: PALOMAR MUNICIPAL WATER

Lab No. _____ Date: _____

NOTE: YOU HAVE ONE YEAR TO OBTAIN A SEPTIC TANK PERMIT. HOWEVER, A SITE RECHECK MAY BE REQUIRED AT ANY TIME TO DETERMINE IF SITE CONDITIONS HAVE CHANGED.

ADDITIONAL REQUIREMENTS TO BE COMPLETED PRIOR TO THE ISSUANCE OF A SEPTIC PERMIT

1. REVIEW OF GRADING (SITE CHECK BY DEH STAFF)
2. REVIEW OF STAMPED BUILDING PLANS

GRADING: _____

BUILDING PLANS: _____

COMMENTS:

*To Obtain a copy of authorized water show plus original letter from water company - updating shore and authorizing water service to this parcel
For each line & Reserve to be studied out in field at time of grading check (Required field*

673268

PROPOSED SEWAGE DISPOSAL SYSTEM LAYOUT

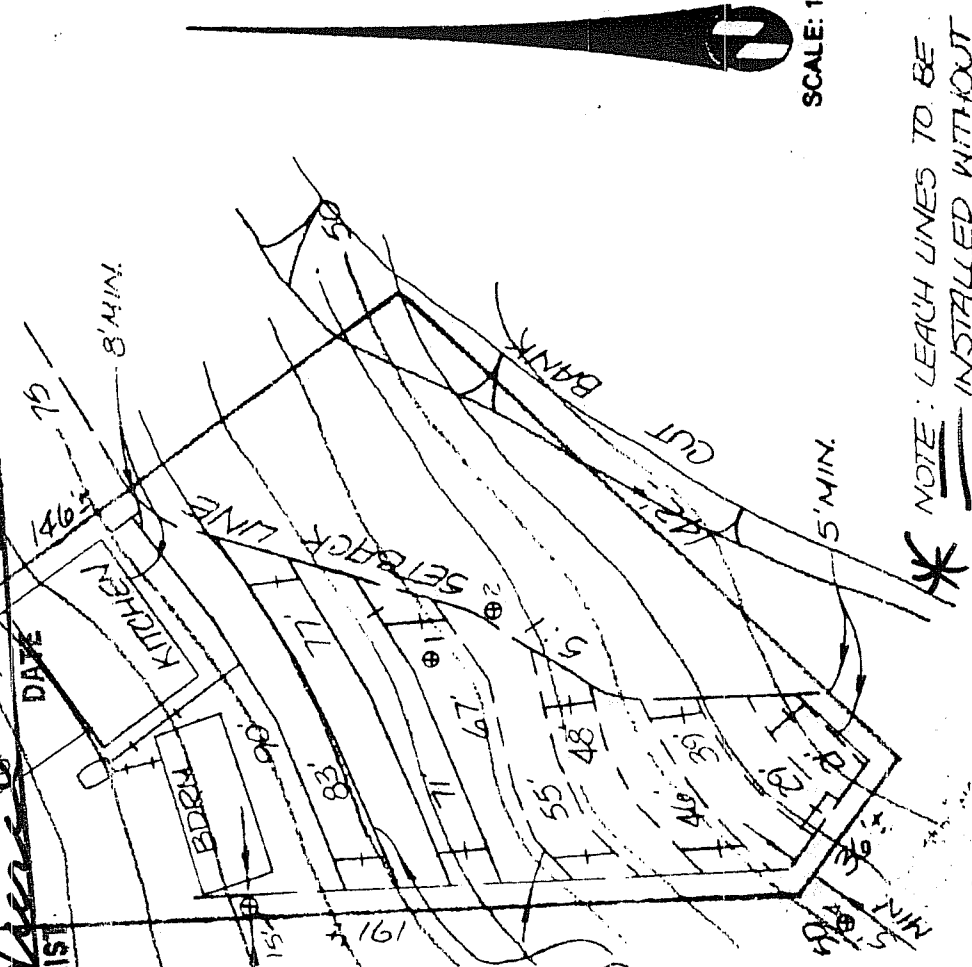
JOBSH Control Number: DESCRIPTION: DRIVEWAY 1/4 SEC. 4 T103 R1E

A - This approval will be VOID unless the structures, Driveway and Grading are located as shown and the Lines or Seepage pit(s) are located exactly as shown on this plan. ANY proposed change shall be approved by the Department of Environmental Health prior to installation and may require additional soil testing. The location of the seepage pit shall be measured from the top of the utility trench to the center of the tile line.

ELEVATIONS ARE ON ASSUMED DATUM.

SEE CONDITIONS OF APPROVAL ATTACHED PAGE: 29

NOTE: THESE BUILDINGS SHALL BE CONSTRUCTED ON A PLATFORM SUPPORTED BY POLES.



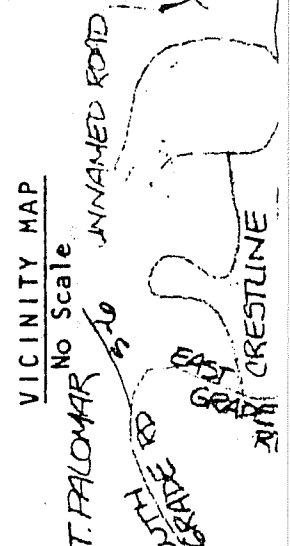
SCALE: 1" = 40'

- NOTES:
1. Leach Lines to Follow Contours
 2. No. of Bedrooms 2

- LEGEND:
- Leach Line (313 feet)
 - +++ Tight Line
 - Leach Line in Future
 - Expansion Area (313 feet)
 - Test Hole
 - Septic Tank (1000 Gal.)

* NOTE: LEACH LINES TO BE INSTALLED WITHOUT DISTURBING NATURAL GRADE. ABSOLUTELY NO TERRACING WILL BE ALLOWED. HAND DIG IF NECESSARY.

* See additional notes



Plot plan as shown by engineer is in substantial compliance with County Code
Sanitarian [Signature]
COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH, 1600 Pacific Hwy, San Diego, 92101 PHONE: 236-2243

SAN 73 (R)



NORTH COUNTY
SAN MARCOS - 471-0730
338 Via Vera Cruz, #201
San Marcos, CA 92069

CENTRAL COUNTY
KEARNY MESA - 565-5173
5201 Ruffin Road, Suite C
San Diego, CA 92123

EAST COUNTY
EL CAJON - 441-4030
200 E. Main St., 6th Flr
El Cajon, CA 92020-3912

SPECIALIST
OWNER X S
SITE X BIV
X 1749 S
ENGINEER/CONTRACTOR X

DEH CONTROL NO. 175268
PHONE NO X

DMAC MT. CITY X
SEANSHIDE CA 92057 CITY X OCEANSIDE

Mailing Address
Name
Address
NO. OF PARCELS

(Initial)

ZIP X 92057

I am aware that Land Use Project fees are not fully refundable.

(Initial)

Address

NO. OF PARCELS

If applicable, person to whom refund should be sent.

A.P.N. 135-101-22

| CODE | ACCT | PROJECT | FEE |
|--------|------|--|-----------------------------------|
| 429E01 | 9773 | WATER WELL PERMIT | \$ 235.00 |
| 429E02 | 9773 | WATER SAMPLE - COLLECTED | 80.00 |
| 429E03 | 9773 | WATER SAMPLE - DELIVERED | 40.00 |
| 429E04 | 9773 | SUBDIVISION - SEWERED | 320.00 |
| 429E05 | 9773 | PARCEL MAP - SEWERED | 135.00 |
| 429E12 | 9773 | LAYOUT - NEW CONSTRUCTION | 380.00 |
| 429E13 | 9773 | LAYOUT - POOL/ADDITION | 240.00 |
| 429E14 | 9773 | LAYOUT - RERVIEW FEE | 70.00 |
| 429E15 | 9773 | PERCOLATION TEST | 410.00 |
| 429E16 | 9773 | PERCOLATION TEST - RERVIEW | 70.00 |
| 429E20 | 9773 | PARCEL MAP - RERVIEW FEE | 70.00 |
| 429E21 | 9773 | PARCEL MAP - SEPTIC (1) NEW SITE | 325.00 |
| 429E22 | 9773 | PARCEL MAP - SEPTIC (2) NEW SITES | 500.00 |
| 429E23 | 9773 | PARCEL MAP - SEPTIC (3) NEW SITES | 600.00 |
| 429E24 | 9773 | PARCEL MAP - SEPTIC (4) NEW SITES | 750.00 |
| 429E25 | 9773 | PARCEL MAP - SEPTIC (5) NEW SITES | 850.00 |
| 429E26 | 9773 | BOUNDARY ADJUSTMENT - SEPTIC (2 LOTS) EACH ADDITIONAL LOT | 200.00 |
| 429E27 | 9773 | RERVIEW FEE CERTIFICATE OF COMPLIANCE - SEPTIC (2 LOTS) EACH ADDITIONAL LOT RERVIEW FEE | 70.00 70.00 200.00 70.00 |
| 429E99 | 9773 | MISCELLANEOUS OTC APPROVALS (OFFICE ONLY) | 25.00 |
| 429E99 | 9979 | CONSULTATION FEE (\$65 PER HR., 1 HR. MIN.) COPY CHARGES | \$ \$ |
| 511900 | 0800 | SUBDIVISION DEPOSIT (429E19) | 2000.00 |
| 511900 | 0800 | MAJOR USE PERMIT DEPOSIT (429E29) ADDITIONAL DEPOSIT | 500.00 2500.00 |
| 511900 | 0800 | WATER WELL BOND DEPOSIT (429D99) | |
| 429Y80 | 9235 | COMM. WATER SYSTEM PLAN CHECK | 550.00 |
| 429Y81 | 9235 | NON-COMM. WATER SYSTEM PLAN CHECK | 380.00 |
| 429Y82 | 9235 | STATE SMALL WATER SYSTEM PLAN CHECK | 315.00 |
| 9713 | 9713 | RETURNED CHECK FEE | 25.00 |

REQ 10-11-00
SARCO
1
7773 773 429E12
CHK

SIGNATURE: [Signature]

TITLE:

DATE:

NCR Distribution: White - DEH Copy
Yellow - Owner Copy
Pink - Cashier Copy

COUNTY OF SAN DIEGO DEPARTMENT OF PUBLIC HEALTH

SEPTIC TANK INSTALLATION REPORT
SOIL CONDITIONS OF TRENCH OR SEEPAGE PIT

PERCOLATION TEST
E06-10103-01R

OWNER'S NAME _____

ADDRESS 1303 Cave St., La Jolla 92037

CONTRACTOR _____

ADDRESS _____

Legal Location Port. of the NE 1/4 Sec. 14, T10S, R1E, S8M A.P.N. ~~155-101-22~~
Test Location Birch Hill Mount Palomar

(NUMBER, STREET AND TOWN)

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- 7. Test Holes
- 8. Sub-Surfaces Disposal System
- 9. Cuts and Fill
- 10. All calculations on 8 1/2 X 11" Sheet

| PERCOLATION TEST | TEST | DEPTH OF HOLE | TIME FOR H ₂ O | SAFETY FACTOR | TIME/INCH | AVE. TIME/IN. |
|------------------|------|---------------|---------------------------|---------------|-----------|---------------|
| 1. | 1 | 5' | | 1.0 | 22.2 | 19.0 |
| 2. | 2 | 5' | | 1.0 | 25.1 | |
| 3. | 3 | 5' | | 1.0 | 12.0 | |
| 4. | 4 | 5' | | 1.0 | 16.7 | |

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: SANDY SILTY LOAM

1 ft. below surface: SANDY SILTY LOAM

2 ft. below surface: SANDY SILTY LOAM

3 ft. below surface: SANDY SILTY LOAM

4 to 15 ft. below surface: SANDY SILTY LOAM

Source of water: PALOMAR MUTUAL WATER CO.

Depth of water table: NOT ENCOUNTERED AT 15 FT.

Proposed structure: No. ONE Type RESIDENCE

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

RECOMMENDATIONS:

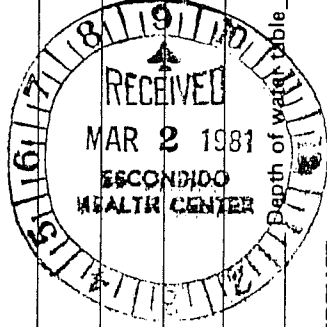
I certify that the layout drawing shows the location of all public water lines on the lot and all public water expansion are within 20' of the lot boundaries. I have reviewed this percolation data and design of the subsurface sewage disposal system for this parcel and find the data and design to be accurate and in compliance with the State and local regulations and good engineering practices.

Size tank 1000 gal.
Drainage tile 313 ft.
Trench width 1.5 ft.
Trench depth 5 ft.
Seepage pit width _____ ft.
Seepage pit depth _____ ft.

Gary M. Szytel
REGISTERED ENGINEER
633 E. Valley Pkwy. Esc., Ca. 92025 741-6979
RCE 24080
(REG. NO.)

DEPARTMENT USE ONLY
Issue permit Yes No
Final parcel map required: Yes No
Sanitarian: David W. Cave
Date: 3-16-81

Date December 10, 1980



74-101-001

RECORD OF SURVEY

OF A PORTION OF THE NORTHEAST QUARTER OF SECTION 14, TOWNSHIP 19 SOUTH, RANGE 1 EAST, S.B.M. COUNTY OF SAN DIEGO, STATE OF CALIFORNIA.

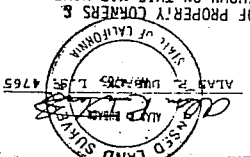
LEGEND

- = INDICATES SET 1"x20" PIPE WITH DISK STAMPED "S.B.M. 4765"
- = INDICATES FOUND MONUMENT AS SHOWN ON RECORD OF SURVEY 8155 UNLESS OTHERWISE NOTED. (SEE MAP FOR INDIVIDUAL DESCRIPTIONS.)
- () = INDICATES RECORD DATA PER DEEDS AND "PALOMAR COMPASS NO. 4" (ASSESSOR'S MAP NO. 19)
- NOTE 4: RECORD ANGLES AND DISTANCES PER 2 OF S. 8155 WERE USED TO ESTABLISH SE 1/4 OF NE 1/4 OF SEC 14, T 10 S, R 1 E.

BASIS OF BEARINGS

OF THE SOUTHERLY LINE OF RECORD OF SURVEY NO. 8155. THE POSITION OF BEARINGS FOR THIS SURVEY IS A PORTION

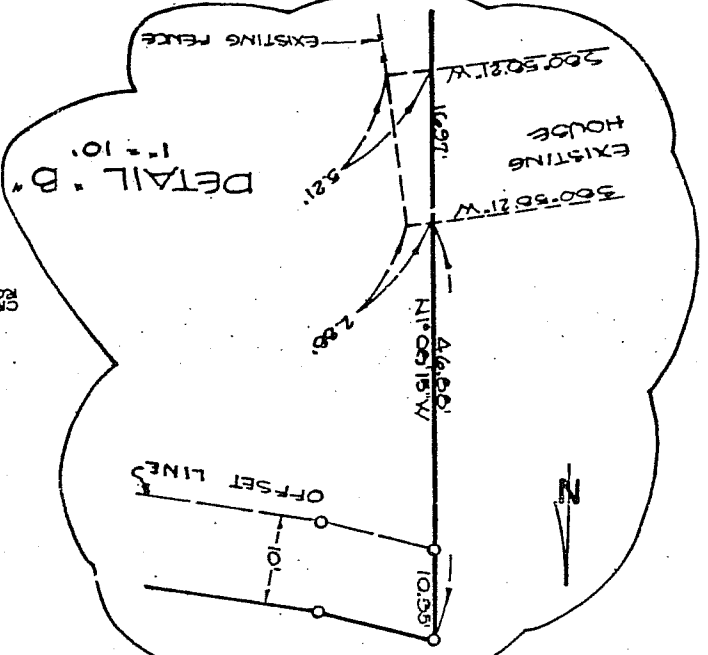
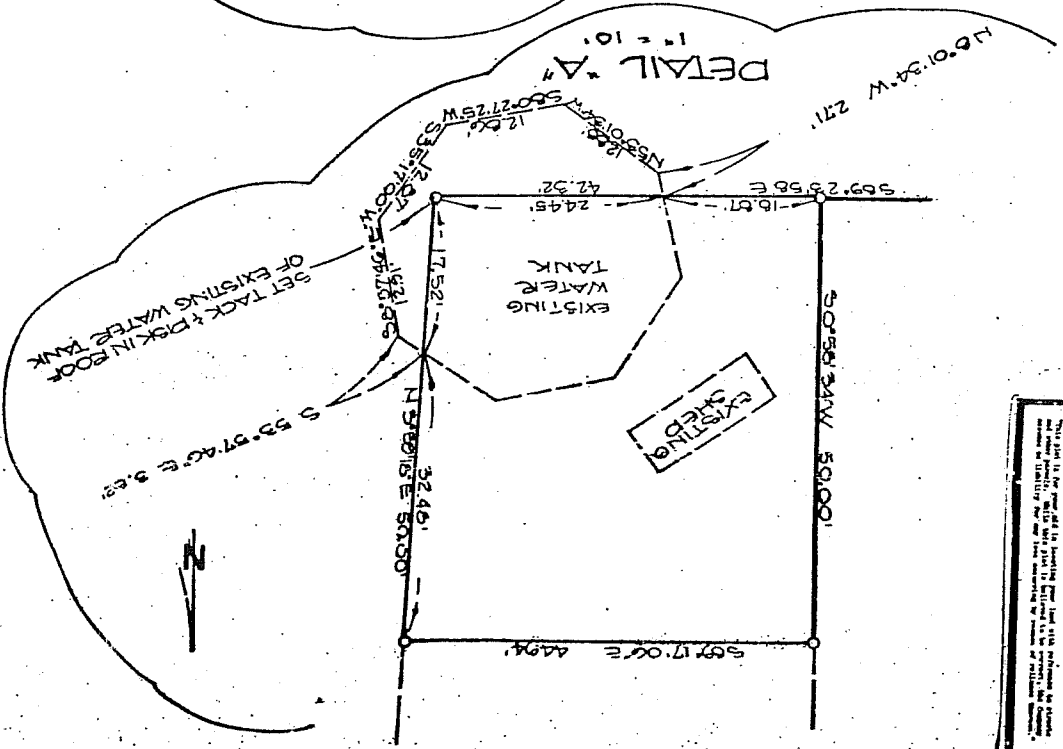
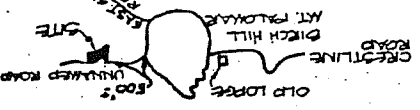
ENGINEER'S NOTE 1: DEEDS TO SUBJECT PROPERTY COMMONLY KNOWN AS PORTIONS OF "PALOMAR COMPASS NO. 4" WHICH IS AN UNRECORDED MAP OF A SURVEY PERFORMED BY WALDO H. CHASE, A LICENSED SURVEYOR, DATED JULY 1924, INDICATE THAT PROPERTY SHOULD BE LOCATED IN THE SOUTHEAST QUARTER OF THE NORTH-EAST QUARTER OF SECTION 14, T 10 S, R 1 E. NO RECORD MONUMENTS AS RECOVERED AND SHOWN ON R OF S 8155 ARE HEREOF ACCEPTED AS ESTABLISH-ING SUBJECT PROPERTY LINES. FUTURE SURVEYS WITH REFERENCE TO THIS SURVEY, AS THE LINES AND MONUMENTS FOR CORNERS ESTABLISHED BY THIS SURVEYOR THAT THE RECORDS OBTAINED BY R OF S 8155 AGREE REASONABLY WELL WITH THE PHYSICAL EVIDENCE FOUND IN FIELD. THIS MAP OR MAY NOT BE THE OPINION OF THE COUNTY ENGINEER.



NOTE 2: THE POSITION OF PROPERTY CORNERS & ANGLE POINTS SHOWN ON THIS MAP HAVE BEEN DETERMINED BY AN ADJUSTMENT USING THE COMPASS RULE.

NOTE 3: DEED REFERS TO:
 DEED FILED UNDER 81-095818, FILED ON JAN. 8, 1981
 DEED FILED UNDER 74-177965, FILED ON JULY 2, 1974
 DEED FILED UNDER 73-272444, FILED ON SEPT. 27, 1973
 DEED FILED UNDER 74-177904, FILED ON JULY 2, 1974
 DEED FILED UNDER 75-278785, FILED ON OCT. 9, 1975
 DEED FILED UNDER 79-054100, FILED ON FEB. 5, 1979
 DEED AS SHOWN ON SUPERIOR COURT CASE NO. 84244,
 FILED ON DEC. 10, 1971 UNDER PAGES 1760 THRU 1765.
 AS FILE NO. 5605

VICINITY MAP



This plat is the property of the Surveyor and is not to be used for any other purpose without the written consent of the Surveyor. It is to be returned to the Surveyor when no longer needed.

COUNTY ENGINEER'S CERTIFICATE
 THIS MAP HAS BEEN EXAMINED FOR CONFORMANCE WITH THE REQUIREMENTS OF THE LAND SURVEYOR'S ACT THIS 2ND DAY OF DECEMBER, 1981.
 R.J. MASSMAN, COUNTY ENGINEER

BY: *[Signature]* FOR COUNTY ENGINEER

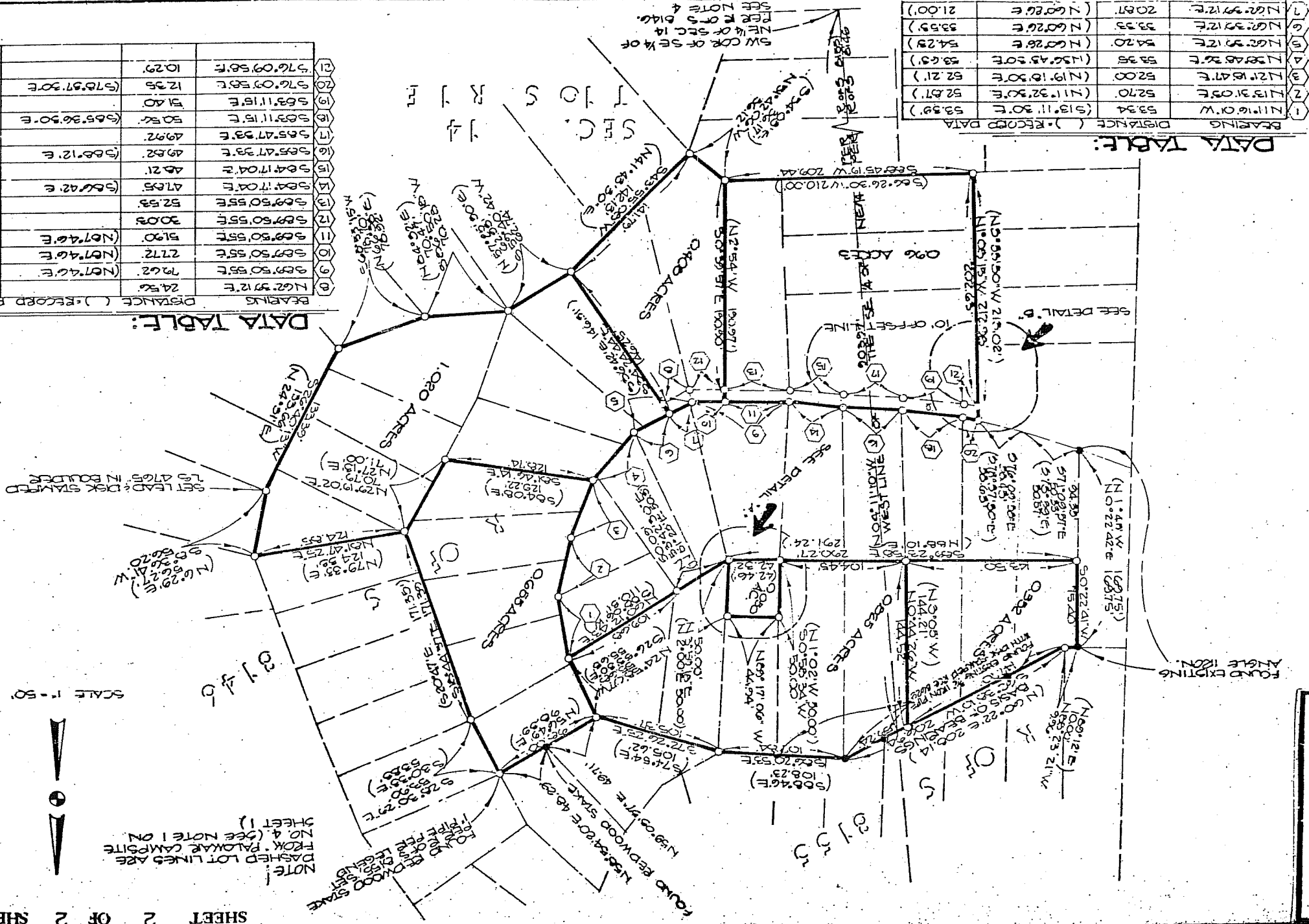
RECORDER'S CERTIFICATE
 FILE NO. 81-380823
 FILED THIS DAY OF DEC 5 1981, IN BOOK OF RECORDS OF SURVEY MAPS AT PAGE 8878 AT THE REQUEST OF ALAN R. DUBOIS.
 VERA L. LYLE, COUNTY RECORDER
 DEPUTY COUNTY RECORDER
 BY: *[Signature]*



DEPUTY COUNTY RECORDER

NOTE!
 DASHED LOT LINES ARE
 FROM PALOALTE CAMP SITE
 NO. 4 (SEE NOTE 1 ON
 SHEET 1)

SCALE 1" = 50'



BEARINGS DISTANCE () RECORD DATA

| | | |
|-----|------------|--------|
| 1 | NET 74.6°E | 77.60' |
| 2 | NET 74.6°E | 27.85' |
| 3 | NET 74.6°E | 50.00' |
| 4 | NET 74.6°E | 30.03' |
| 5 | NET 74.6°E | 52.53' |
| 6 | NET 74.6°E | 47.85' |
| 7 | NET 74.6°E | 50.13' |
| 8 | NET 74.6°E | 48.21' |
| 9 | NET 74.6°E | 50.10' |
| 10 | NET 74.6°E | 49.82' |
| 11 | NET 74.6°E | 50.82' |
| 12 | NET 74.6°E | 49.92' |
| 13 | NET 74.6°E | 50.82' |
| 14 | NET 74.6°E | 50.82' |
| 15 | NET 74.6°E | 50.82' |
| 16 | NET 74.6°E | 50.82' |
| 17 | NET 74.6°E | 50.82' |
| 18 | NET 74.6°E | 50.82' |
| 19 | NET 74.6°E | 50.82' |
| 20 | NET 74.6°E | 50.82' |
| 21 | NET 74.6°E | 50.82' |
| 22 | NET 74.6°E | 50.82' |
| 23 | NET 74.6°E | 50.82' |
| 24 | NET 74.6°E | 50.82' |
| 25 | NET 74.6°E | 50.82' |
| 26 | NET 74.6°E | 50.82' |
| 27 | NET 74.6°E | 50.82' |
| 28 | NET 74.6°E | 50.82' |
| 29 | NET 74.6°E | 50.82' |
| 30 | NET 74.6°E | 50.82' |
| 31 | NET 74.6°E | 50.82' |
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| 36 | NET 74.6°E | 50.82' |
| 37 | NET 74.6°E | 50.82' |
| 38 | NET 74.6°E | 50.82' |
| 39 | NET 74.6°E | 50.82' |
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| 41 | NET 74.6°E | 50.82' |
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| 62 | NET 74.6°E | 50.82' |
| 63 | NET 74.6°E | 50.82' |
| 64 | NET 74.6°E | 50.82' |
| 65 | NET 74.6°E | 50.82' |
| 66 | NET 74.6°E | 50.82' |
| 67 | NET 74.6°E | 50.82' |
| 68 | NET 74.6°E | 50.82' |
| 69 | NET 74.6°E | 50.82' |
| 70 | NET 74.6°E | 50.82' |
| 71 | NET 74.6°E | 50.82' |
| 72 | NET 74.6°E | 50.82' |
| 73 | NET 74.6°E | 50.82' |
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| 77 | NET 74.6°E | 50.82' |
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| 80 | NET 74.6°E | 50.82' |
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| 86 | NET 74.6°E | 50.82' |
| 87 | NET 74.6°E | 50.82' |
| 88 | NET 74.6°E | 50.82' |
| 89 | NET 74.6°E | 50.82' |
| 90 | NET 74.6°E | 50.82' |
| 91 | NET 74.6°E | 50.82' |
| 92 | NET 74.6°E | 50.82' |
| 93 | NET 74.6°E | 50.82' |
| 94 | NET 74.6°E | 50.82' |
| 95 | NET 74.6°E | 50.82' |
| 96 | NET 74.6°E | 50.82' |
| 97 | NET 74.6°E | 50.82' |
| 98 | NET 74.6°E | 50.82' |
| 99 | NET 74.6°E | 50.82' |
| 100 | NET 74.6°E | 50.82' |

BEARINGS DISTANCE () RECORD DATA

| | | |
|-----|------------|--------|
| 1 | NET 74.6°E | 53.34' |
| 2 | NET 74.6°E | 52.87' |
| 3 | NET 74.6°E | 52.87' |
| 4 | NET 74.6°E | 52.87' |
| 5 | NET 74.6°E | 52.87' |
| 6 | NET 74.6°E | 52.87' |
| 7 | NET 74.6°E | 52.87' |
| 8 | NET 74.6°E | 52.87' |
| 9 | NET 74.6°E | 52.87' |
| 10 | NET 74.6°E | 52.87' |
| 11 | NET 74.6°E | 52.87' |
| 12 | NET 74.6°E | 52.87' |
| 13 | NET 74.6°E | 52.87' |
| 14 | NET 74.6°E | 52.87' |
| 15 | NET 74.6°E | 52.87' |
| 16 | NET 74.6°E | 52.87' |
| 17 | NET 74.6°E | 52.87' |
| 18 | NET 74.6°E | 52.87' |
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