



FR Soiltesting
219 N. College St. Woodland Ca. 95695
California License #952671
(707) 363-2306

Soil Testing For The
Capay Fire station #22 Property
7447 Hwy 16 Guinda, Ca.
A.P.N. 060 – 110 - 11

The subject 1.103 Ac. parcel is located on the West end of the County in the town of Guinda. The parcel is located between Forest Ave. and Lamont St. and borders Hwy 16 on the West side. The property is relatively flat and is currently developed with a Fire station that is connected to a private water well and a conventional septic system that is in disrepair. The owners propose to repair or replace the existing septic system. A (1) soil profile was dug with an excavator and logged on 5/31/22 and a hydrometer test was conducted on 6/4/22 in an effort to determine the type(s) of septic system(s) that are required to properly treat the waste water from the existing Fire station. The soils encountered appear to be classified under the Brentwood Series by the U.S. Department of Agriculture Soil Conservation Service (see soil profile data).

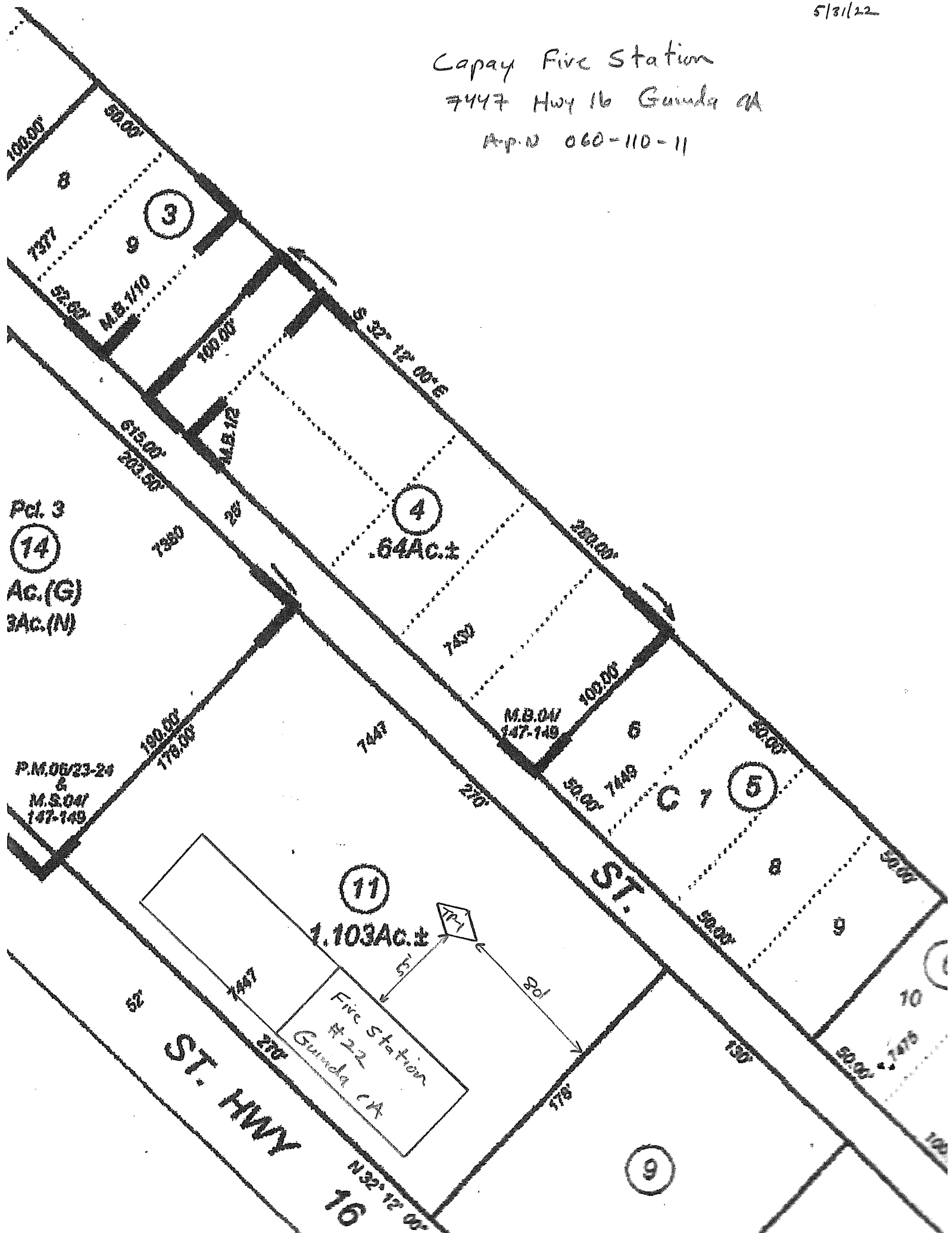
Brentwood soils consist of well-drained silty clay loams on alluvial fans with slopes of 0% - 2%. The soils are formed in alluvium from sedimentary rocks.

The soils encountered were logged as heavy clay loam top soils over silt clay loam / gravelly silty clay loam (40% rock) sub-soils.

Based on the soil testing conducted, a conventional septic system is recommended as a replacement. All septic systems must be located at least 100

ft. from all water wells and abide by the Yolo County Onsite Wastewater Treatment System requirements. Based on the condition of the existing and septic tank and the root intrusion from existing mature trees, a new septic tank is recommended and the new pipe & gravel leach lines as well as the new distribution boxes should be wrapped with poly cloth (140 N) or equivalent.

Capay Fire Station
7447 Hwy 16 Guinda CA
A.P.N 060-110-11



Pct. 3
14
Ac.(G)
3Ac.(N)

P.M.06/23-24
&
M.S.04/147-149

ST. HWY

ST.

Five Station
22
Guinda CA

N 32° 12' 00"
16

Oakley Laboratory & Field Services

1645 Chapman Way • Santa Rosa, CA 95403 • Telephone 707-575-1075

June 7, 2022
Job No. 21-125.226

Ruben Oropeza R.E.H.S.
7 Griggs Lane
Napa, Calif. 95558

Attention: Mr. Ruben Oropeza


Re: Results of Soil Texture Analysis
By Bouyoucos Hydrometry Method

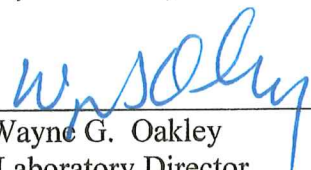
Client / address: Copay Firestation #22 / Guinda, CA. 95695

The results of the soil texture analysis for the sample received June 4, 2022 is as follows:

Sample Location	TP-1 @ 24"-36"
% Plus No. 10 (WT)	0.1
% Sand	25.2
% Clay	43.4
% Silt	31.4
Db g/cc	--

We are pleased to provide laboratory services for you and look forward to your continued work and if you have any questions please call.

 Oakley Laboratory and Field Services

By: 
Wayne G. Oakley
Laboratory Director

Owners Name Capey Fire Station #2

A.P.N. 060-110-110 State Hwy 16 Buinda CA
1.103 AC

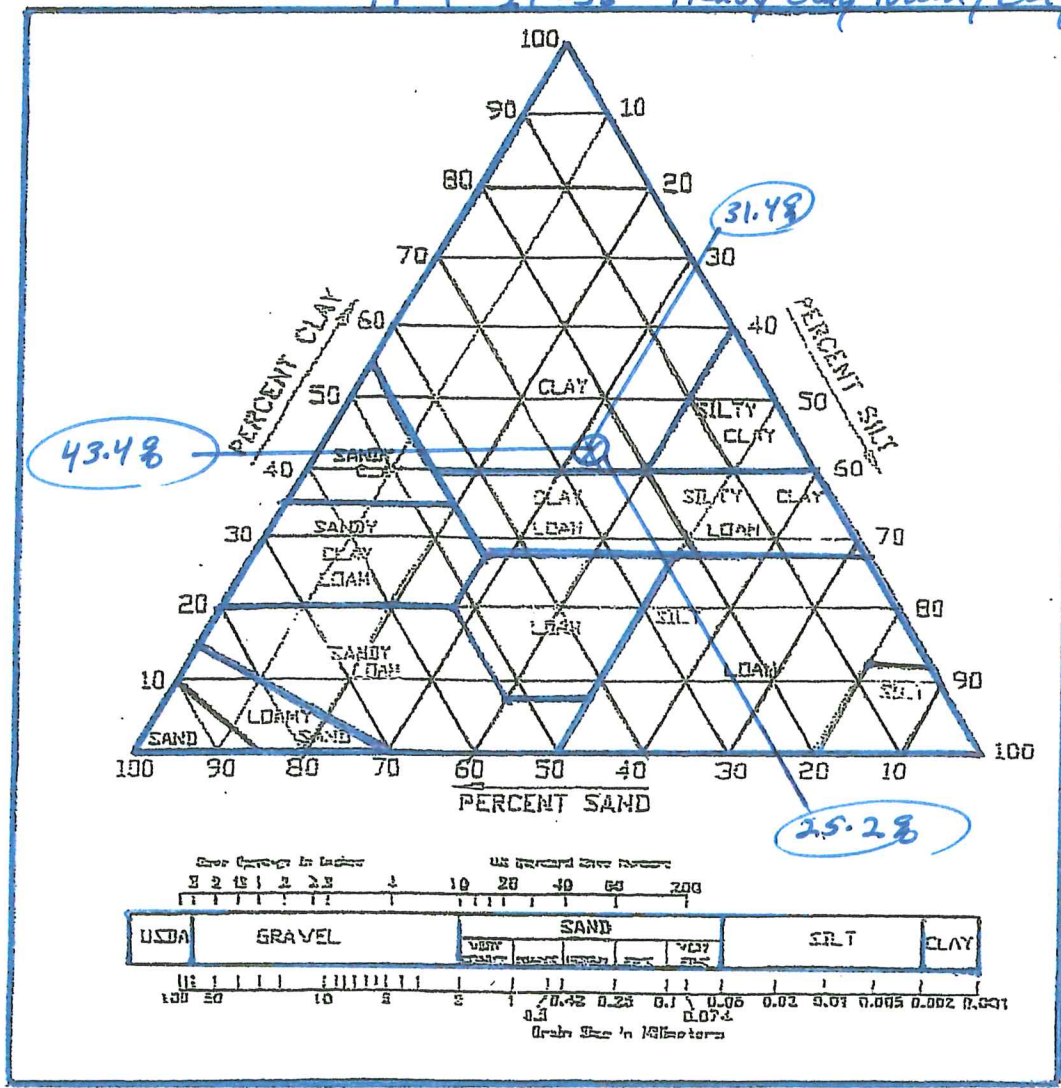
Soil Hydrometry test conducted on June 4, 2022

Name of Laboratory Oakley Lab & Field Services

Test Results
Sand 25.28
Clay 43.48
Silt 31.48

USDA Soil Textural Triangle

TP-1 24"-36" Heavy clay loam/clay

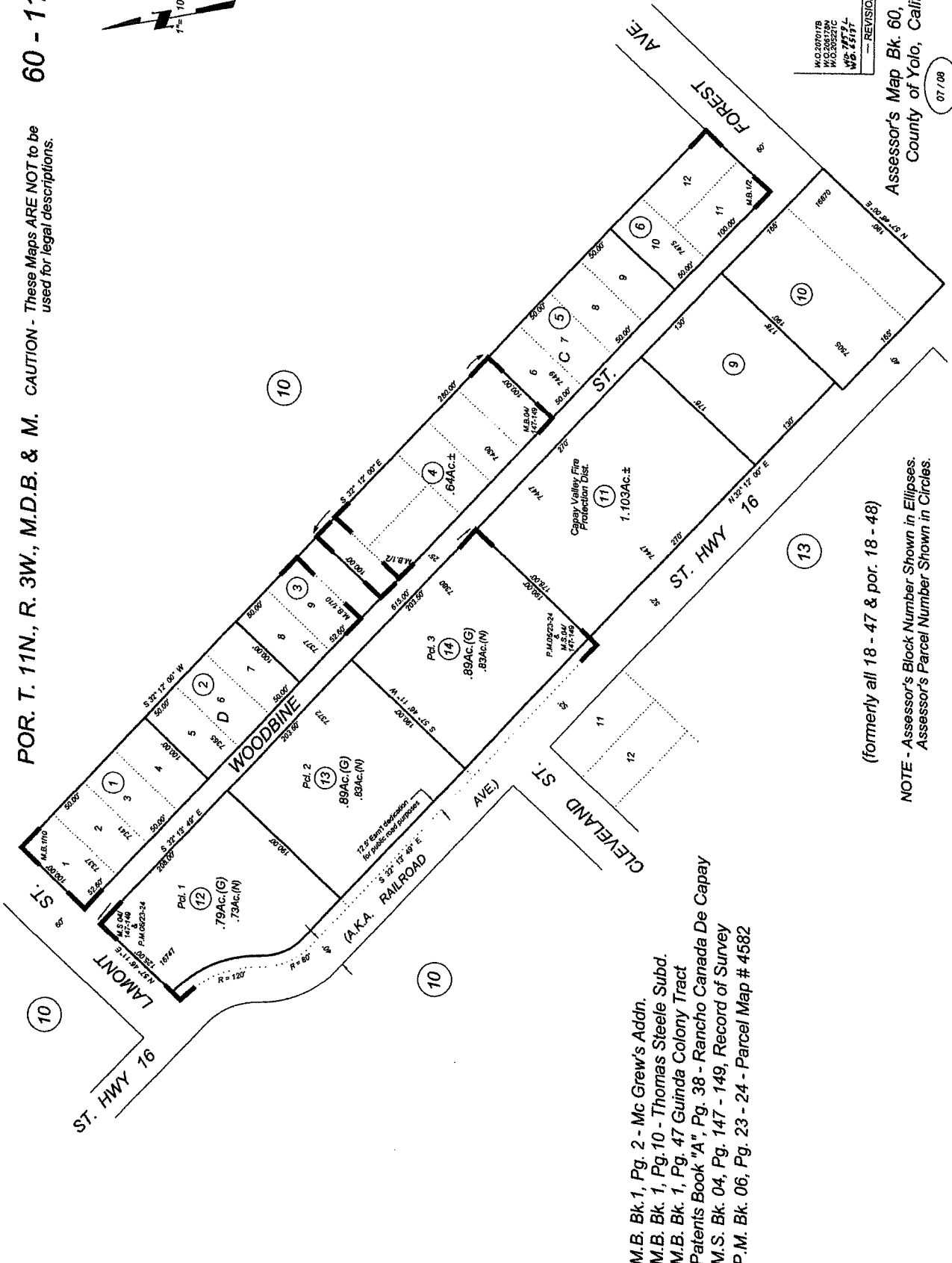


Soil application rate = 0.26 - 0.32 gal./sq.ft./day



1:950 000 FEET
 425 000 FEET
 T. 11 N.
 (Joins sheet 19)
 1:415 000 FEET
 1:950 000 FEET

Plane coordinate projection. 1927 North American datum. 5,000-foot grid ticks based on California coordinate system, zone 2. Mosaic compiled from 1964 aerial photographs.



REVISIONS	
NO. 001178	06/02/06
NO. 001709	06/02/06
NO. 002270	06/02/06
NO. 002271	06/02/06
NO. 002272	06/02/06
NO. 002273	06/02/06
NO. 002274	06/02/06
NO. 002275	06/02/06
NO. 002276	06/02/06
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NO. 002297	06/02/06
NO. 002298	06/02/06
NO. 002299	06/02/06
NO. 002300	06/02/06

Assessor's Map Bk. 60, Pg. 11
County of Yolo, Calif.

07/09

M.B. Bk. 1, Pg. 2 - Mc Grew's Addr.
M.B. Bk. 1, Pg. 10 - Thomas Steele Subd.
M.B. Bk. 1, Pg. 47 Guinda Colony Tract
Patents Book "A", Pg. 38 - Rancho Canada De Capay
M.S. Bk. 04, Pg. 147 - 149, Record of Survey
P.M. Bk. 06, Pg. 23 - 24 - Parcel Map # 4582

(formerly all 18 - 47 & por. 18 - 48)

NOTE - Assessor's Block Number Shown in Ellipses.
Assessor's Parcel Number Shown in Circles.