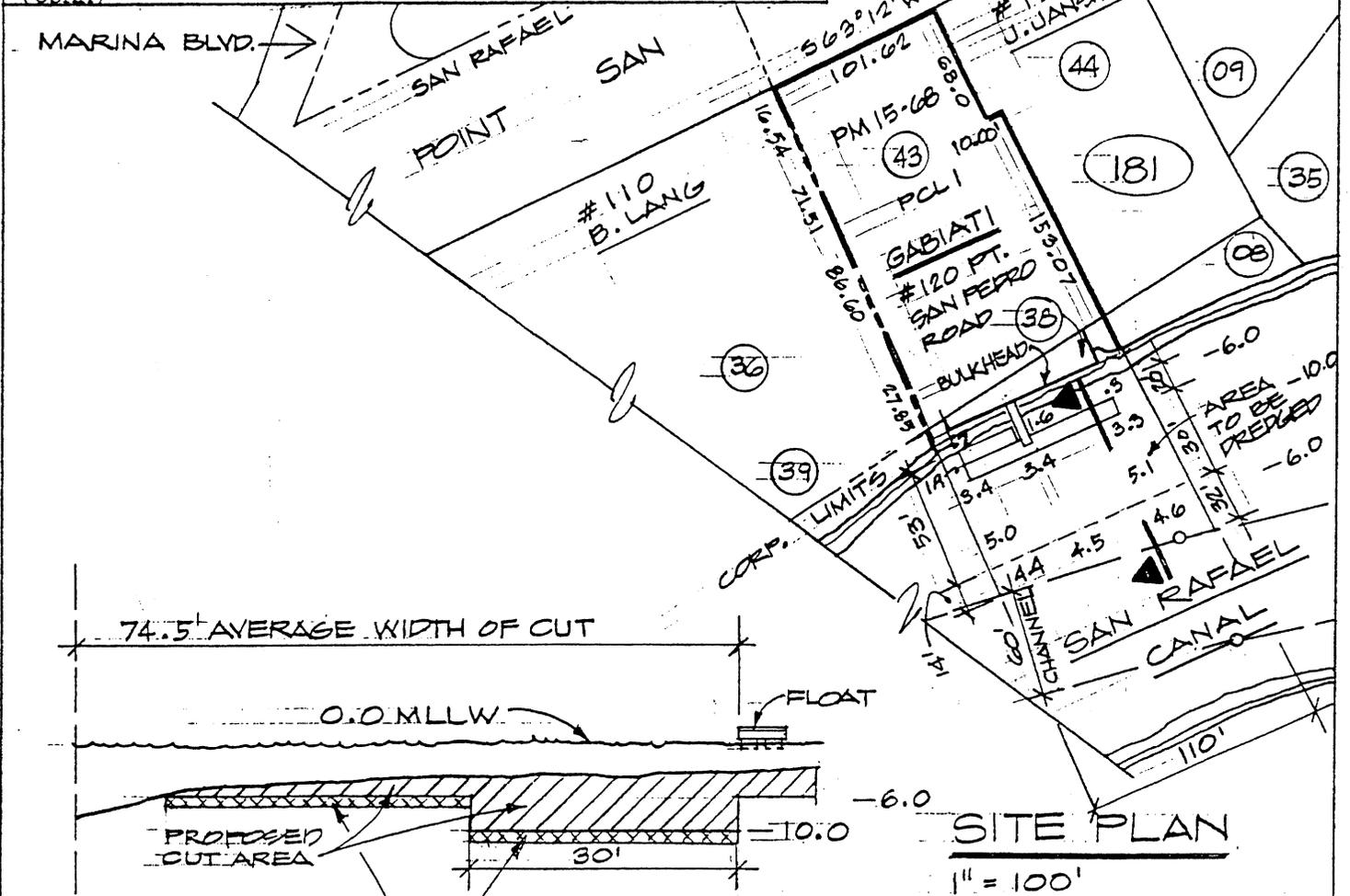


VICINITY MAP
(CSAA)

MILE 0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 MILE



SECTION

1" = 20'

SITE PLAN

1" = 100'

PURPOSE: Perform dredging to allow proper navigation for recreational boats.
DATUM: MLLW
ADJACENT PROPERTY OWNERS:

1. East - John Jansheski
2. West - Boyd Lang

SITE PLAN

0 50 100 200

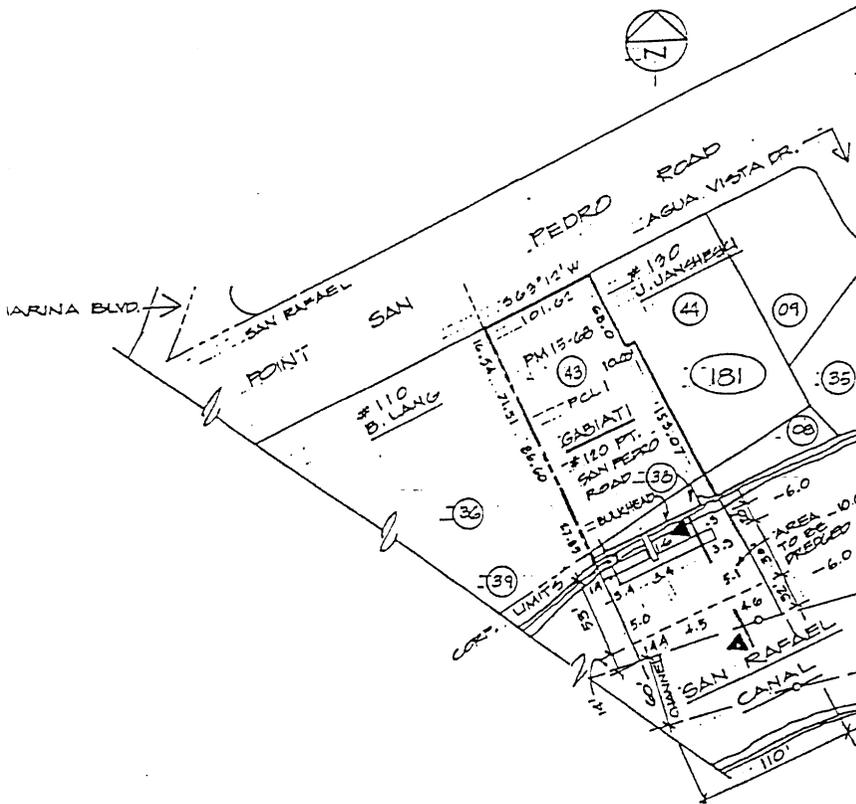


1" = 100'

Ernie Gabiati
 120 Point San Pedro Road
 San Rafael, CA 94901

PROJECT: Conduct maintenance dredging for residence located on San Rafael Creek leading to San Rafael Canal.
IN: San Rafael Creek
AT: San Rafael
COUNTY: Marin **STATE:** CA
APPLICATION BY: Western Dock
DATE: 11.10.00 **SHEET:** 1 of 1

YARDAGE CALCULATIONS



110' x 20' x 3.9 cut ÷ 27 =	317.8 c.y.
110' x 30' x 5.5 cut ÷ 27 =	672.2 c.y.
110' x 14' x 1.5 cut ÷ 27 =	85.6 c.y.
110' x 18' x 1.5 cut ÷ 27 = 110 ÷ 2 =	<u>55.0 c.y.</u>
	1,130.6 c.y.
Plus 1' Allowable Overcut Area 8,030 ^{sq} ÷ 27 =	<u>297.4 c.y.</u>

Initial Episode

Approximately 1,428 c.y.

Anticipated Inflow 0.9 Ft./Yr. = 268 c.y. x 10 Yr. =
1' Allowable Overcut x 3 Episodes =

2,680 c.y.
900 c.y.

10 Year Permit Total

Approximately 5,008 c.y.

Maintenance Dredging
120 Pt. San Pedro Road
San Rafael Creek
San Rafael
Marin County, CA
Ernie Gabiati