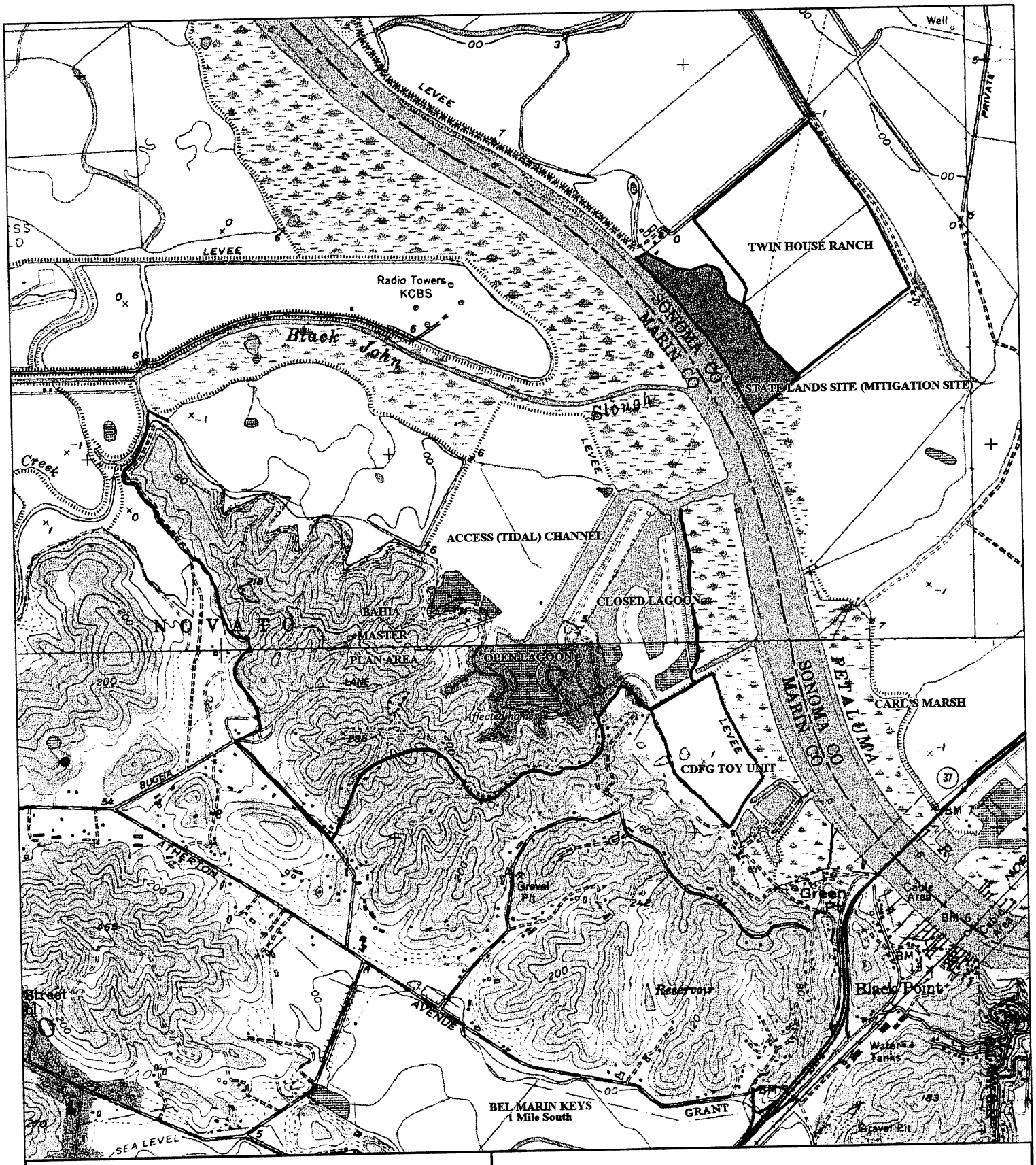
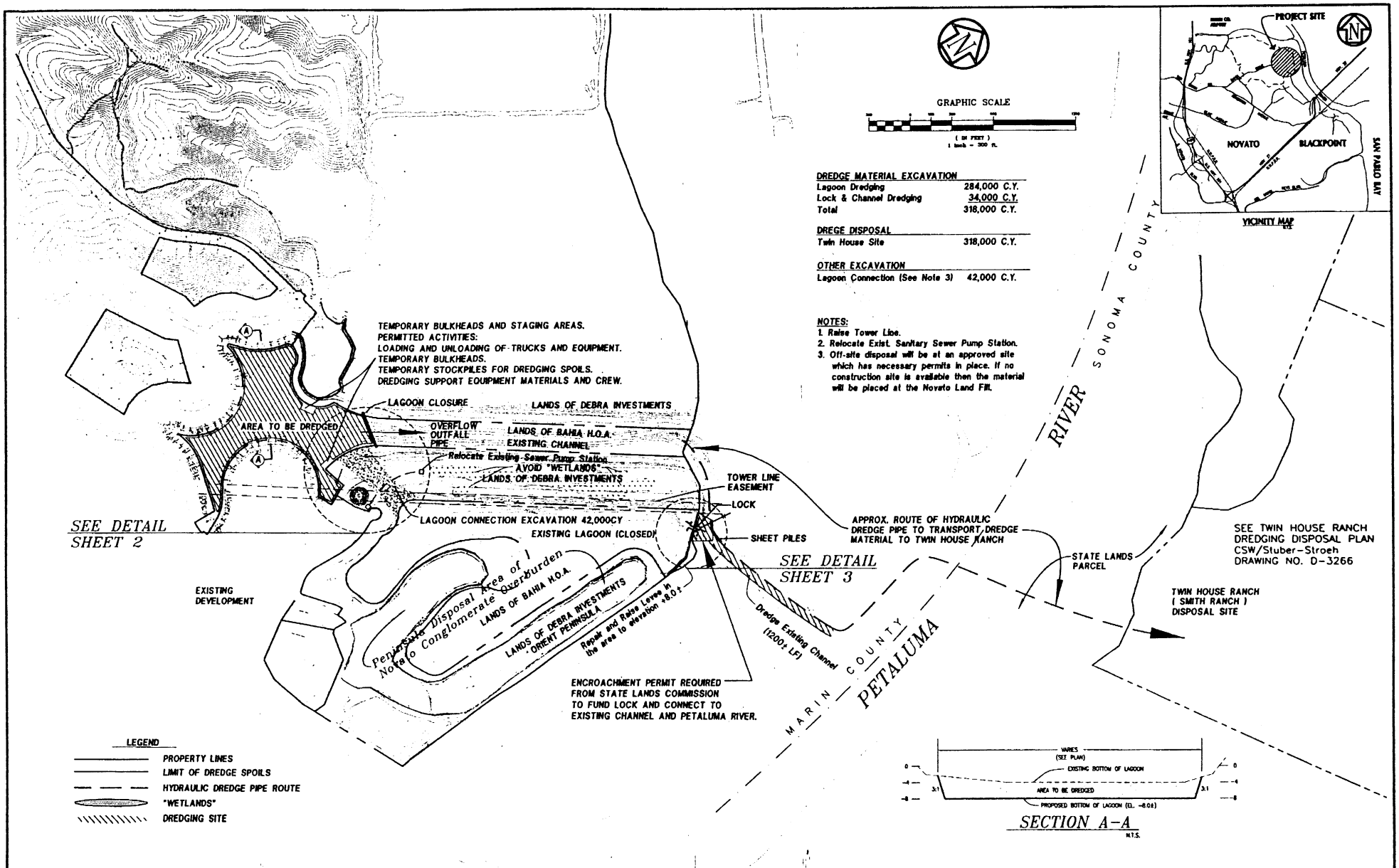


Source: 3-D ToposQuads Copyright © 1999
DeLorme Yarmouth, ME 04096
Source Data: USGS
Project Number: 514 BHA
Date: October 30, 2000
Scale: 1 : 25,000

North

ZENTNER *and* ZENTNER

Regional Location of Project and Associated Sites
Bahia Lagoon Dredging Project
Novato, California



NUMBER	DATE	DESCRIPTION	BY
8			
7			
6	11/21/00	General Revision	mb
5	11/03/00	Added Section A-A	mb
4	11/12/99	Added Sheet Piles	mb
3	9/03/98	Added Note #3	mb
2	7/28/98	Added State Lands Mitigation	mb
1	8/5/97	General Revision	mb

REVISIONS

DRAWN BY: BLW
DESIGNED BY:
CHECKED BY:
SCALE: 1" = 300'
DATE: FEBRUARY 1999

APPLICANT:
BAHIA HOMEOWNERS ASSOC.
c/o MARSHALL LEVY, RECEIVER
25 BELLAM BLVD., STE. 115
SAN RAFAEL, CA 94901

SOURCE:
CSW/STUBER-STROEH ENGINEERING GROUP INC.

PURPOSE:
REESTABLISH NAVIGABILITY OF EXISTING LAGOON AND PROVIDE PERMANENT SOLUTION TO CONTINUING SILTATION.

DATUM:
NGVD

ADJACENT PROP. OWNERS
1. BAHIA HOMEOWNERS ASSOC.
c/o MARSHALL LEVY, RECEIVER
2. DEBRA INVESTMENT CORP.

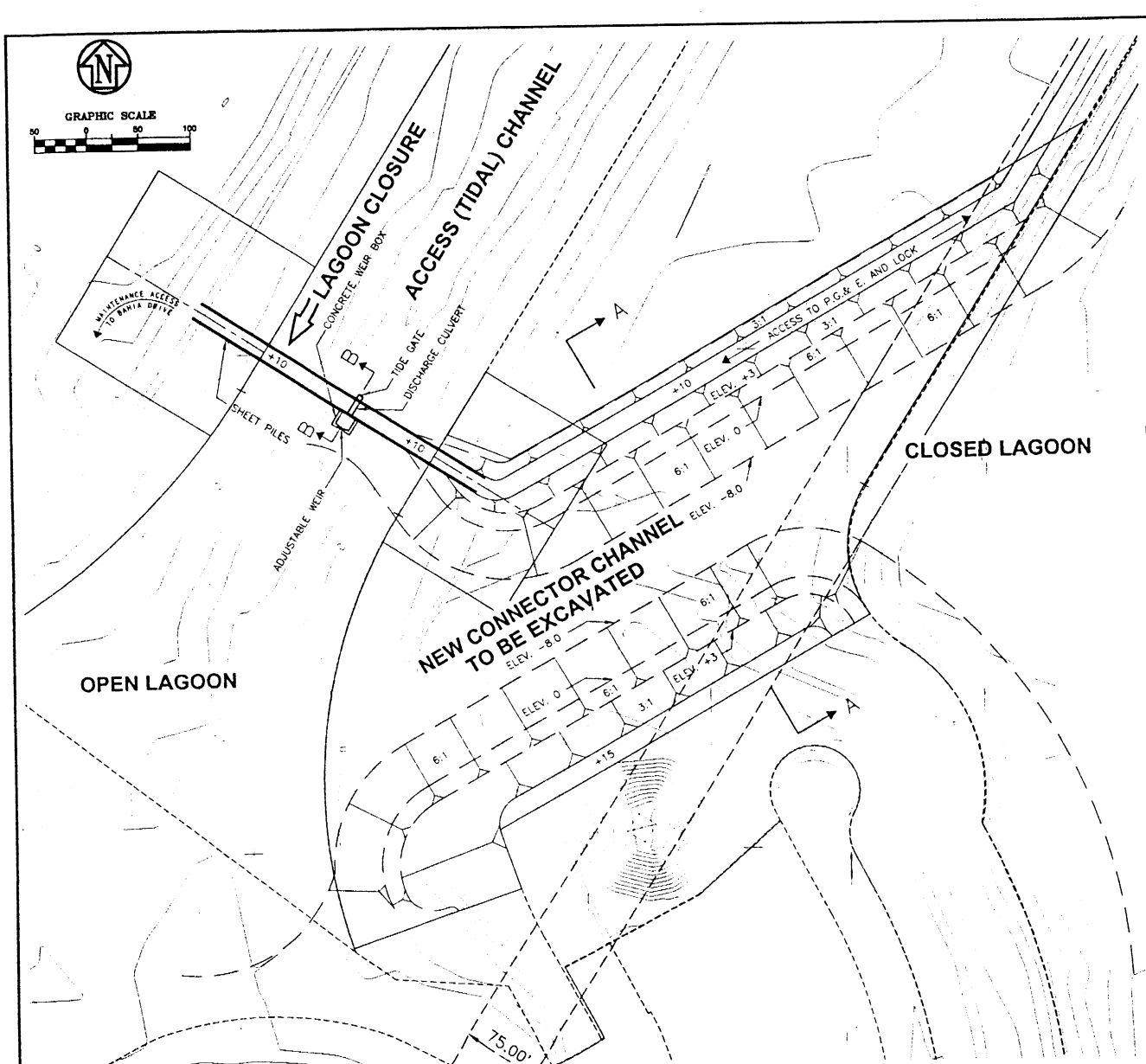
IN:
BAHIA LAGOON & CHANNEL

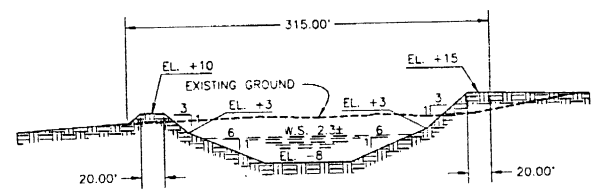
AT:
PETALUMA RIVER, MARIN & SONOMA COUNTIES

ZENTNER ZENTNER

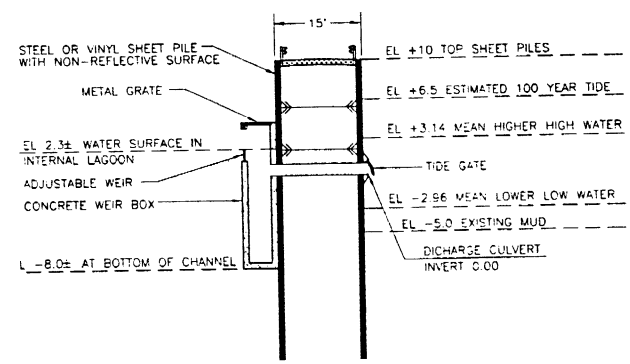
BAHIA LAGOON
DREDGING & LOCK PROJECT
PLAN VIEW
NOVATO MARIN COUNTY CALIFORNIA

SHEET 1 OF 5 SHEETS
FILE NO.





SECTION A–A
N.T.S



SECTION B–B
N.T.S

NUMBER	DATE	DESCRIPTION	BY
8			
7			
6			
5			
4			
3			
2	1/00	Updated CSW-S12 base	BLW
1	2/99	Changed title block to Corps format	BLW

REVISION BLK

DRAWN BY:	RRB
DESIGNED BY:	AGC
CHECKED BY:	AGC
SCALE:	1" = 50'
DATE:	May 1997

APPLICANT:
BAHIA HOMEOWNERS ASSOC.
c/o MARSHALL LEVY, RECEIVER
25 BELLAM BLVD., STE. 115
SAN RAFAEL, CA 94901

SOURCE:
CSW/STUBER-STROEH
ENGINEERING GROUP INC.

PURPOSE:
REESTABLISH NAVIGABILITY OF EXISTING LAGOON AND PROVIDE PERMANENT SOLUTION TO CONTINUING SILTATION.

DATUM:
NGVD

ADJACENT PROP. OWNERS
1. BAHIA HOMEOWNERS ASSOC.
c/o MARSHALL LEVY, RECEIVER
2. DEBRA INVESTMENT CORP.

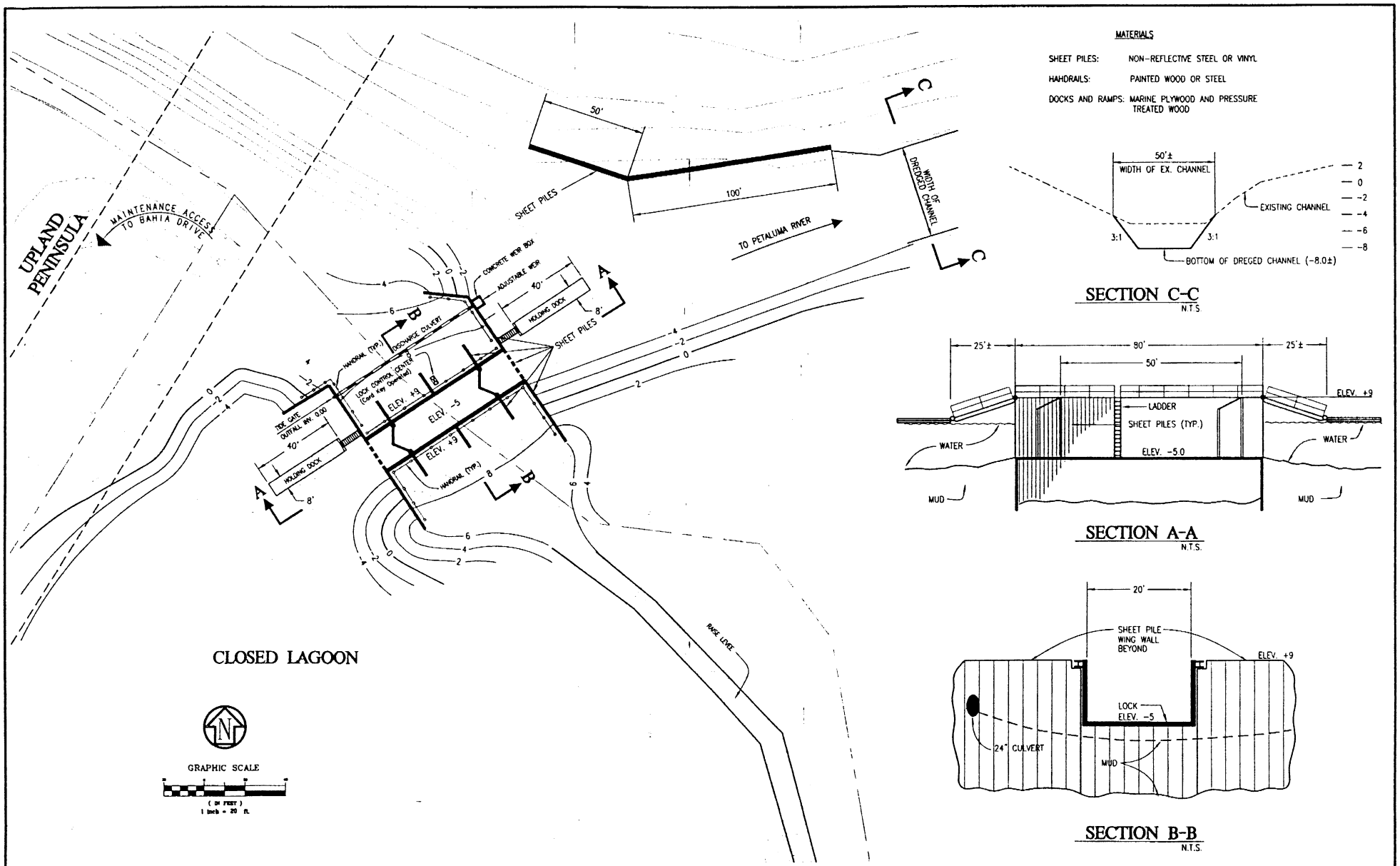
IN:
BAHIA LAGOON & CHANNEL

AT:
PETALUMA RIVER, MARIN & SONOMA COUNTIES

ZENTNER and ZENTNER

BAHIA LAGOON
CLOSURE & CONNECTION DETAIL
PLAN VIEW & CROSS SECTIONS
NOVATO MARIN COUNTY CALIFORNIA

SHEET 2 OF 8 SHEETS
FILE NO.



NUMBER	DATE	DESCRIPTION	BY
8			
7			
6			
5			
4	11/21/00	GENERAL REVISION	rrb
3	11/03/00	ADDED SECTION C-C	rrb
2	1/00	Updated CSW-512 base	BLW
1	2/99	Changed title block to Corps format	BLW

REVISION BLK

DRAWN BY: RRB
DESIGNED BY: AGC
CHECKED BY: AGC
SCALE: 1" = 20'
DATE: MAY 1997

APPLICANT:
BAHIA HOMEOWNERS ASSOC.
c/o MARSHALL LEVY, RECEIVER
25 BELLAM BLVD., STE 115
SAN RAFAEL, CA 94901

SOURCE:
CSW/STUBER-STROEH ENGINEERING GROUP INC.

PURPOSE:
REESTABLISH NAVIGABILITY OF EXISTING LAGOON AND PROVIDE PERMANENT SOLUTION TO CONTINUING SILTATION.

DATUM:
NGVD

ADJACENT PROP. OWNERS
1. BAHIA HOMEOWNERS ASSOC.
c/o MARSHALL LEVY, RECEIVER
2. DEBRA INVESTMENT CORP.

IN:
BAHIA LAGOON & CHANNEL

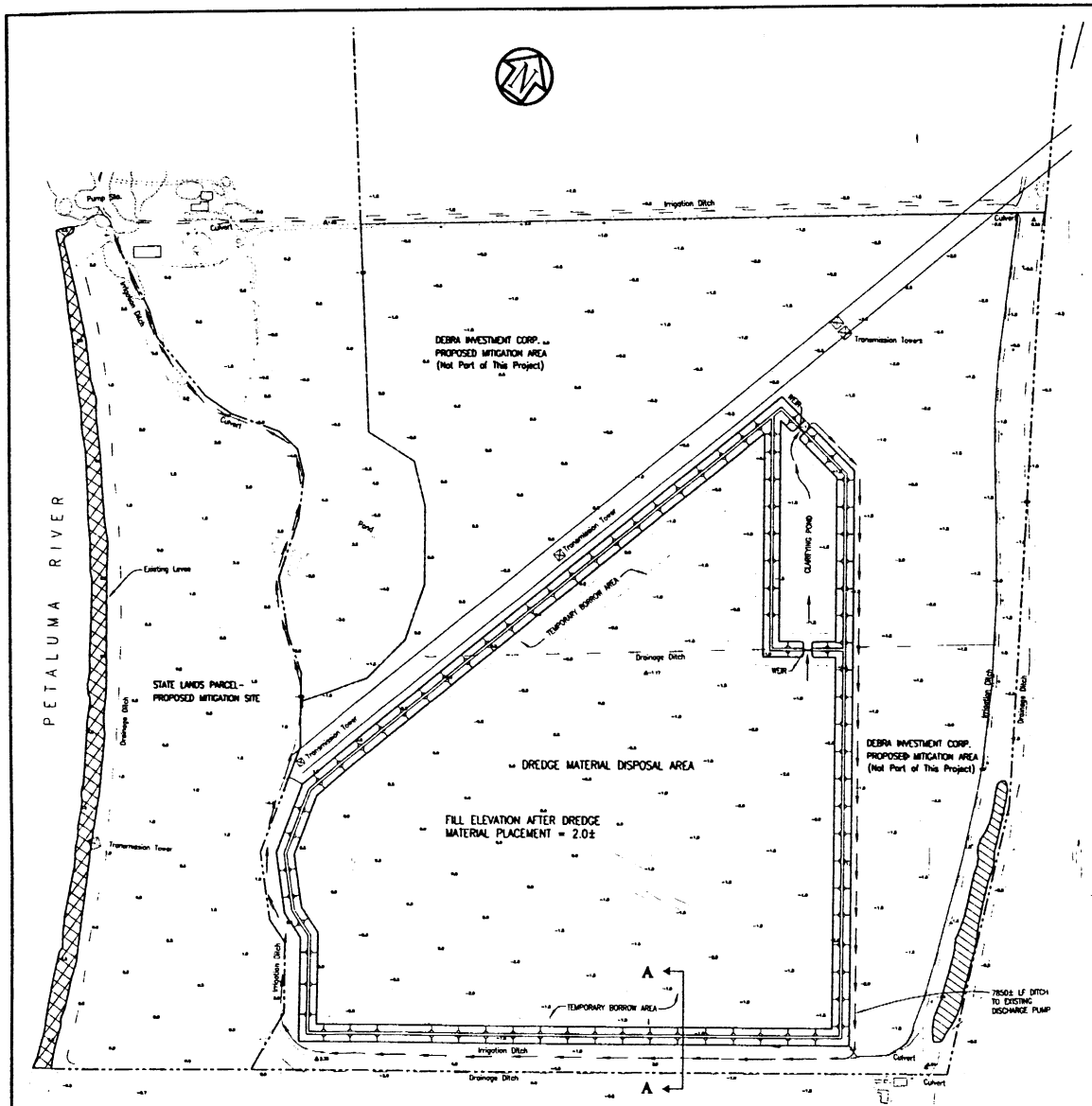
AT:
PETALUMA RIVER, MARIN & SONOMA COUNTIES

ZENTNER ZENTNER

BAHIA LAGOON
LOCK DETAIL
PLAN VIEW & CROSS SECTIONS

NOVATO MARIN COUNTY CALIFORNIA

SHEET 3 OF 8 SHEETS
FILE NO.



GRAPHIC SCALE

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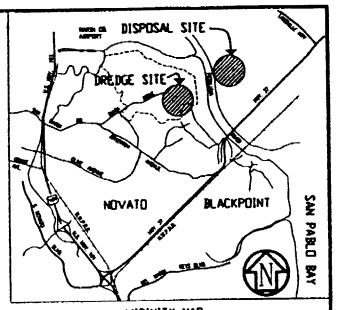


VICINITY MAP

GRADING QUANTITIES

BAHIA HOA PROJECT

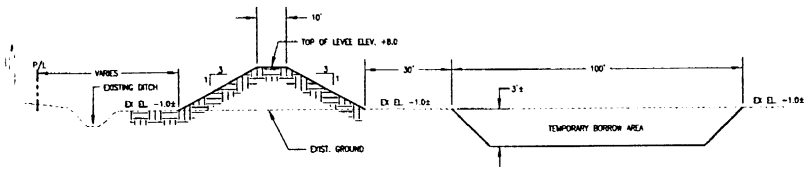
LEVEE:

Fill	100,000± C.Y. (Onsite Material)
Cut	100,000± C.Y. (Onsite Material)

DREDGE MATERIAL: 318,000 C.Y. Dry (from Bahia Dredging)

LEGEND:

- TWIN HOUSE RANCH PROPERTY BOUNDARY
- EXISTING SEASONAL MARSH
- EXISTING TIDAL SALT MARSH



SECTION A-A

N.T.S.

NUMBER	DATE	DESCRIPTION	BY
6			
7			
6			
5			
4			
3	11/213/00	GENERAL REVISION	rrb
2	11/03/00	ADDED EXISTING DITCH ON SEC. A-A	rrb
1	11-15-99	State Lands area added	BLW

REVISION BLK

DRAWN BY: RRB/BLW
DESIGNED BY: AC/RB
CHECKED BY: AGC
SCALE: 1" = 200'
DATE: FEBRUARY 1999

APPLICANT:
BAHIA HOMEOWNERS ASSOC.
c/o MARSHALL LEVY, RECEIVER
25 BELLAM BLVD. STE. 115
SAN RAFAEL, CA 94901

SOURCE:
CSW/STUBER-STROEH
ENGINEERING GROUP INC.

PURPOSE:
REESTABLISH NAVIGABILITY OF EXISTING LAGOON AND PROVIDE PERMANENT SOLUTION TO CONTINUING SILTATION.

IN:
BAHIA LAGOON & CHANNEL

AT:
PETALUMA RIVER, MARIN & SONOMA COUNTIES

ADJACENT PROP. OWNERS
1. BAHIA HOMEOWNERS ASSOC.
c/o MARSHALL LEVY, RECEIVER
2. DEBRA DIVESTMENT CORP.

DATUM:
NGVD

ZENTNER and ZENTNER

TWIN HOUSE RANCH

DREDGE MATERIALS DISPOSAL SITE

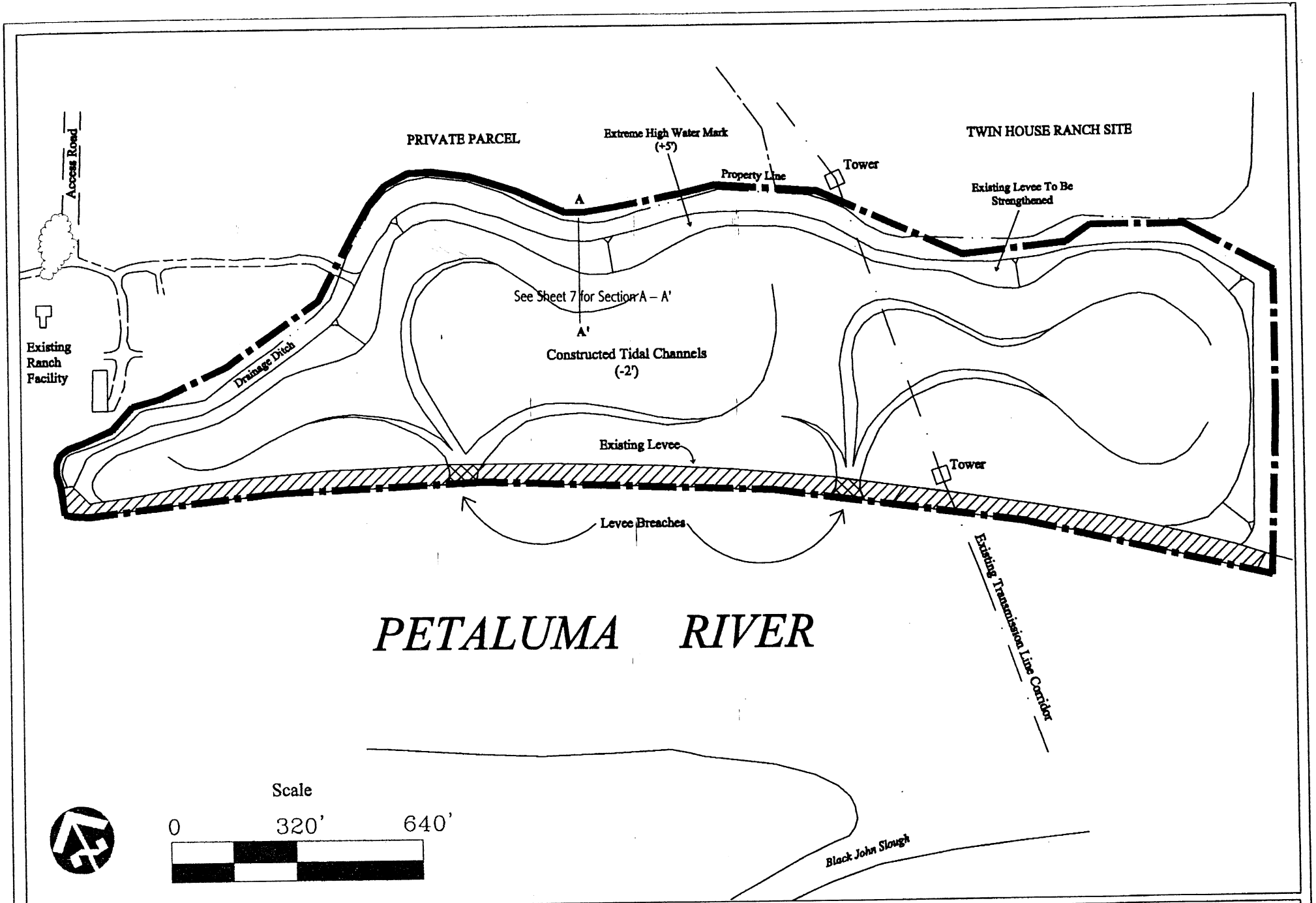
PLAN & CROSS-SECTION VIEWS

SONOMA COUNTY

SHEET 4 OF 8 SHEETS

JOB No. 514 BHA

DREDGE1-WLP2.dwg



Applicant:
Bahia Homeowners Assoc.
c/o Marshall Levy, Receiver
25 Bellam Blvd., Ste. 115
San Rafael, CA 94901

Date:
12/13/99

Project Number:
514 BHA

Purpose:
Reestablish navigability of existing lagoon and provide permanent solution to continuing siltation.

Datum:
NGVD

Adjacent Prop. Owners:
1. Bahia Homeowners Assoc.
c/o Marshall Levy, Receiver
2. Debra Investment Corp.

In:
Bahia Lagoon & Channel

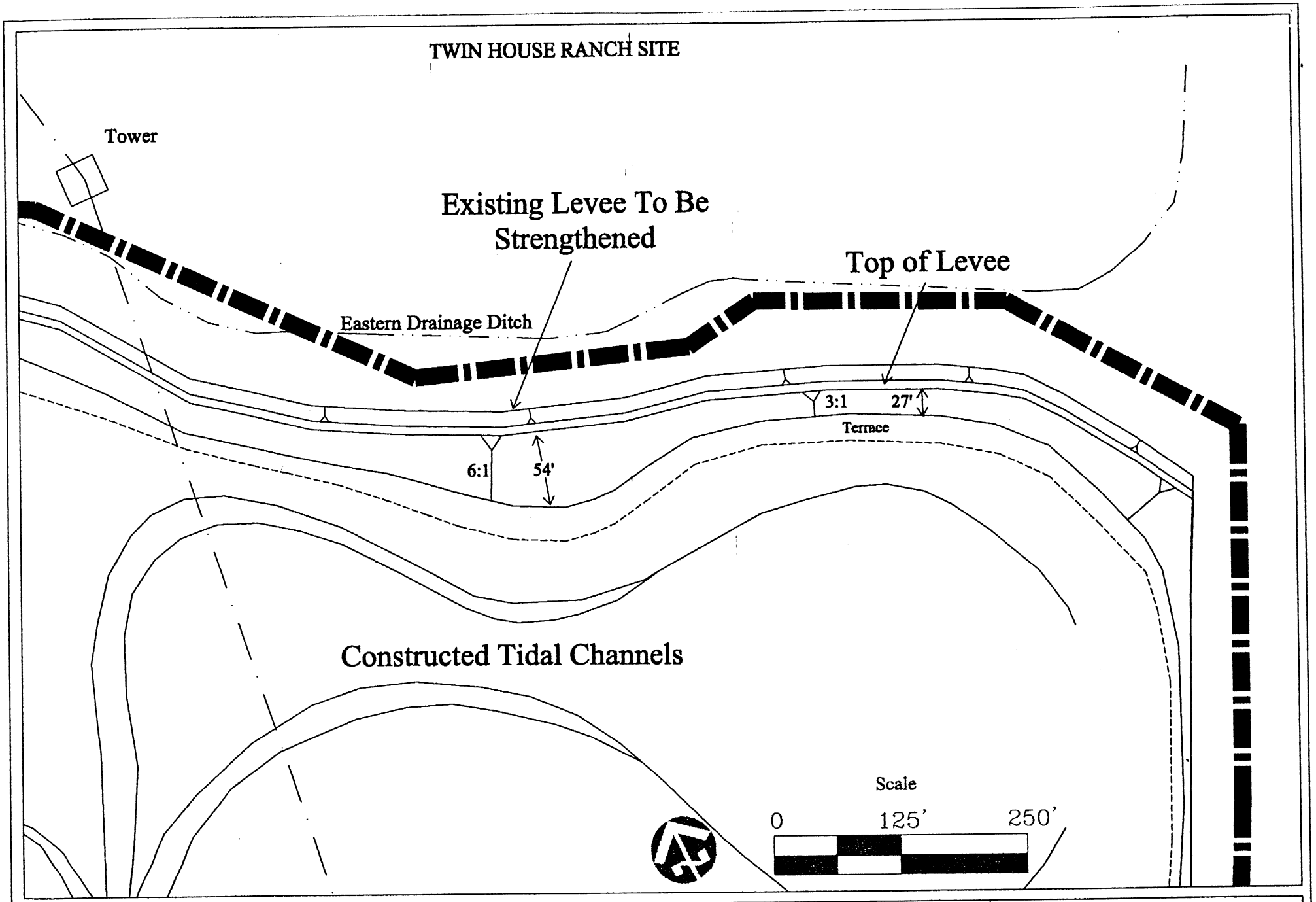
At:
Petaluma River, Marin & Sonoma Counties

SHEET 5 OF 8 SHEETS

State Lands Mitigation Site
Sonoma County, California
Bahia Lagoon Dredging Project

ZENTNER and ZENTNER

4240 Hollis St, #360
Emeryville
California
94608
510.596.2690



Applicant:
Bahia Homeowners Assoc.
c/o Marshall Levy, Receiver
25 Bellam Blvd., Ste. 115
San Rafael, CA 94901

Date:
12/13/99

Project Number:
514 BHA

Purpose:
Reestablish navigability of existing lagoon and provide permanent solution to continuing siltation.

Datum:
NGVD

Adjacent Prop. Owners:
1. Bahia Homeowners Assoc. c/o Marshall Levy, Receiver
2. Debra Investment Corp.

In:
Bahia Lagoon & Channel

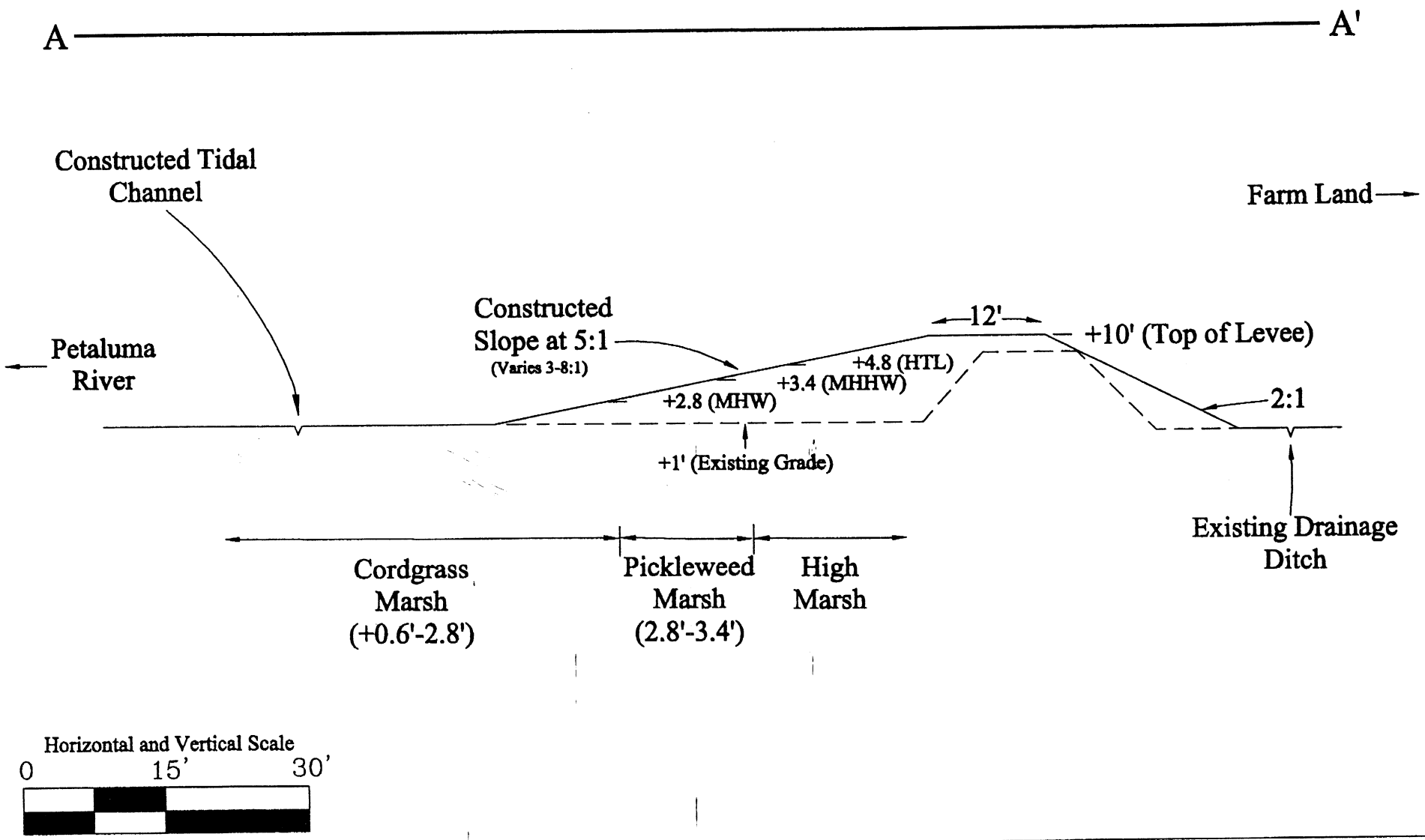
At:
Petaluma River, Marin & Sonoma Counties

SHEET 6 OF 8 SHEETS

Mitigation Site Layout
State Lands Mitigation Site
Sonoma County, California
Bahia Lagoon Dredging Project

ZENTNER and ZENTNER

4240 Hollis St, #360
Emeryville
California
94608
510.596.2690



Applicant:
Bahia Homeowners Assoc.
c/o Marshall Levy, Receiver
25 Bellam Blvd., Ste. 115
San Rafael, CA 94901

Date:
12/13/99

Project Number:
514 BHA

Purpose:
Reestablish navigability of existing lagoon and provide permanent solution to continuing siltation.

Datum:
NGVD

Adjacent Prop. Owners:
1. Bahia Homeowners Assoc.
c/o Marshall Levy, Receiver
2. Debra Investment Corp.

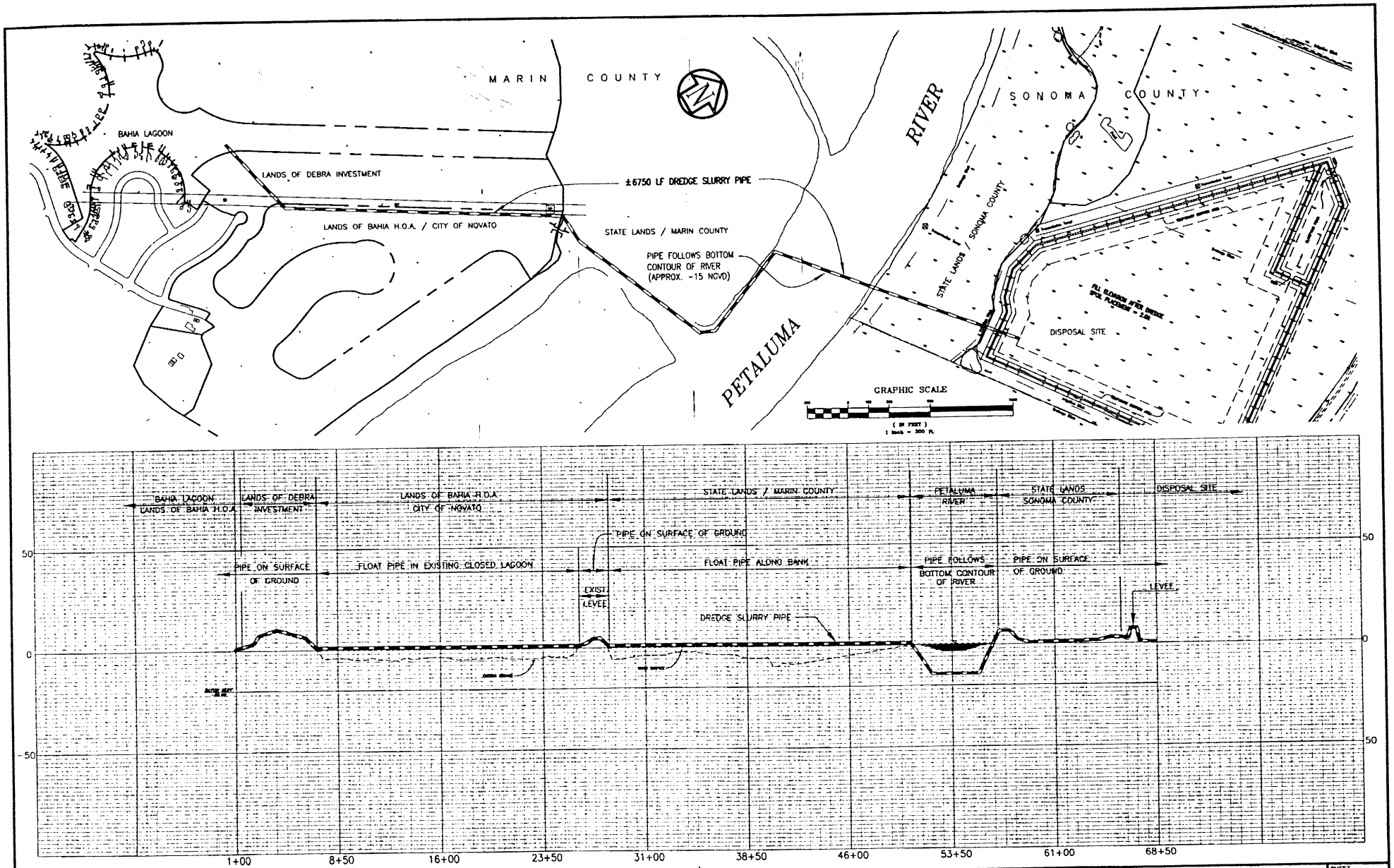
In:
Bahia Lagoon & Channel

At:
Petaluma River, Marin & Sonoma Counties

SHEET 7 OF 8 SHEETS

Typical Cross Section
State Lands Mitigation Site
Sonoma County, California
Bahia Lagoon Dredging Project

ZENTNER and ZENTNER
4240 Hollis St, #300
Emeryville
California
94608
510.594.2000



NUMBER	DATE	DESCRIPTION	BY
8			
7			
6			
5			
4			
3			
2	12/00	General Revision	RRB
1	12/99	Changed Title Block to BCDC format	BLW

REVISION BY

DRAWN BY: RRB
DESIGNED BY: AGC
CHECKED BY: AGC
SCALE: 1"=300'(H) 1"=20'(V)
DATE: DECEMBER 1999

APPLICANT:
BAHIA HOMEOWNERS ASSOC.
c/o MARSHALL LEVY, RECEIVER
25 RELLAM BLVD., STE. 115
SAN RAFAEL, CA 94901

SOURCE:
CSW/STUBER-STROEH ENGINEERING GROUP INC.

PURPOSE:
REESTABLISH NAVIGABILITY OF EXISTING LAGOON AND PROVIDE PERMANENT SOLUTION TO CONTINUING SILTATION.

IN:
BAHIA LAGOON & CHANNEL

AT:
PETALUMA RIVER, MARIN & SONOMA COUNTIES

ADJACENT PROP. OWNERS
1. BAHIA HOMEOWNERS ASSOC.
c/o MARSHALL LEVY, RECEIVER
2. DEBRA INVESTMENT CORP.

DATUM:
NGVD

ZENTNER and ZENTNER

BAHIA LAGOON MAINTENANCE DREDGING

DREDGE DISPOSAL PIPE PLAN & PROFILE

NOVATO MARIN COUNTY CALIFORNIA

SHEET 8 OF 8 SHEETS
JOB No. 514 BHA

D-PIPE-WLP1.dwg
D-32655