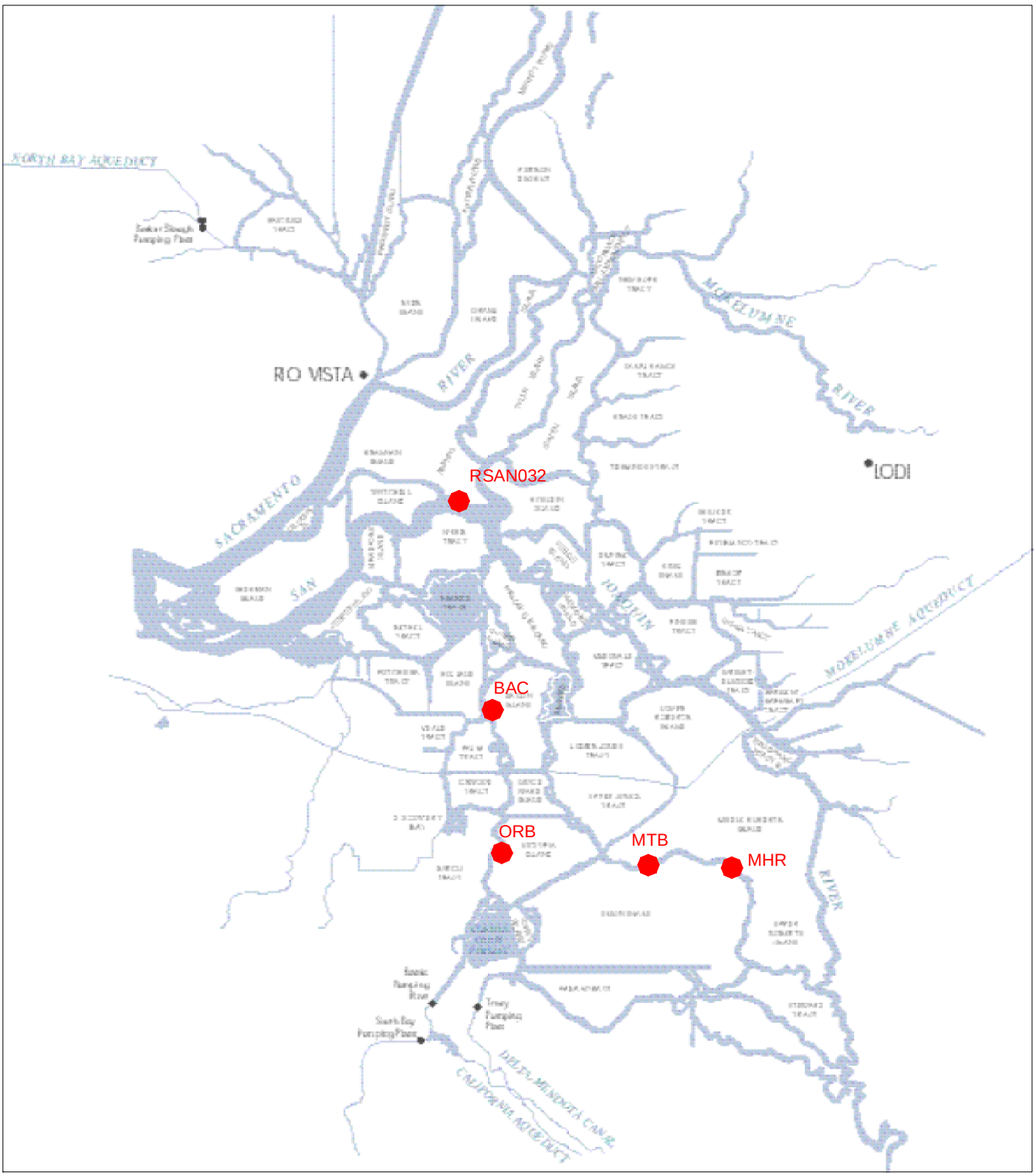
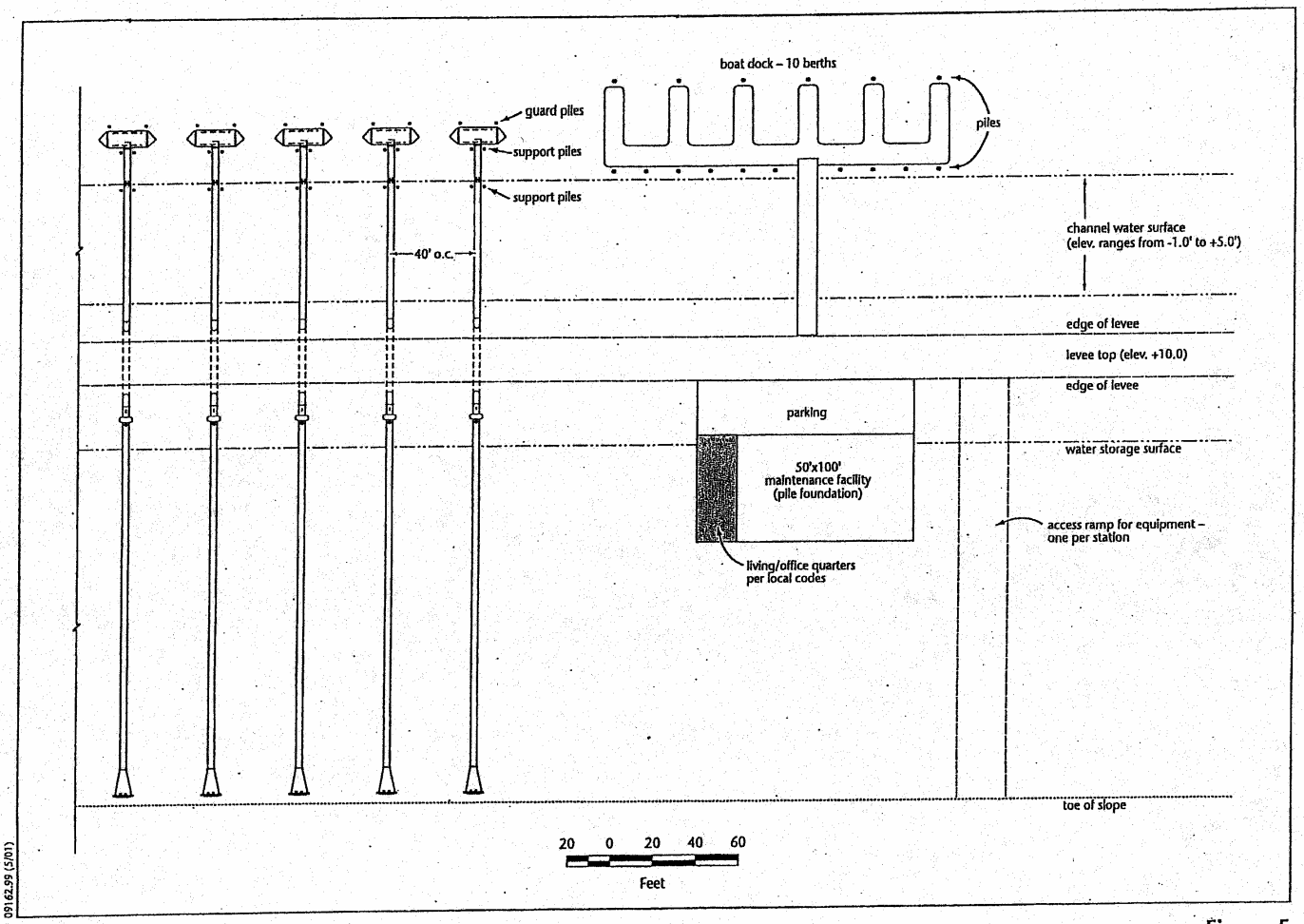
**APPENDIX B: FIGURES (10-19)**

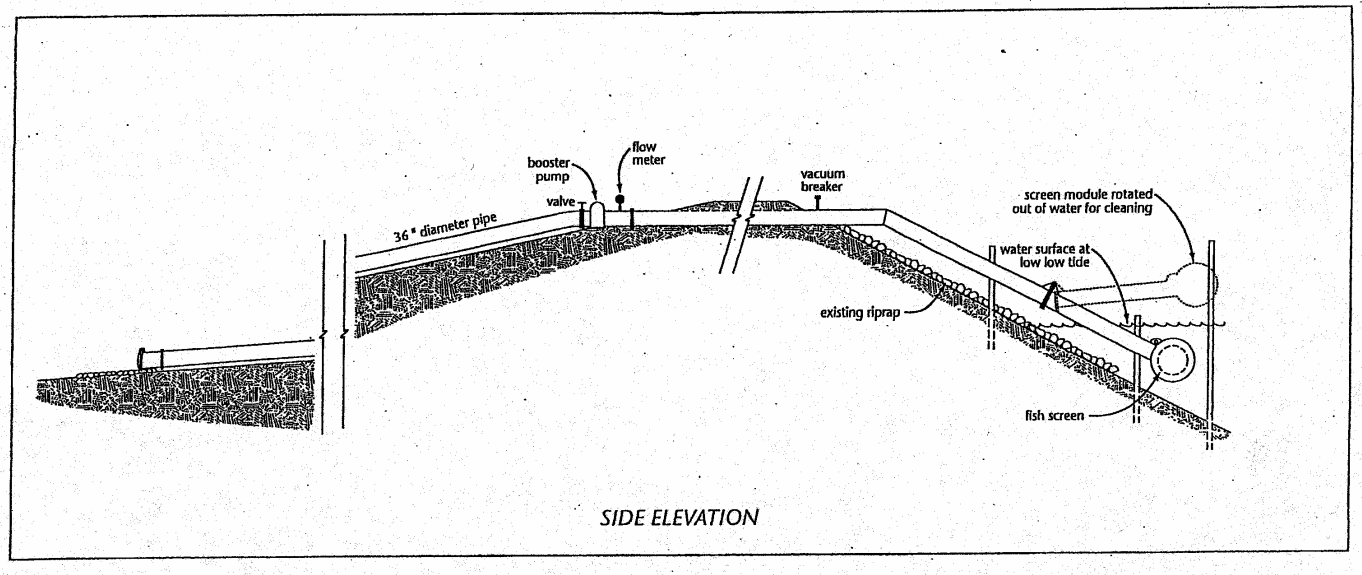
**Figure 10. Locations of Gauging Stations in the Delta**

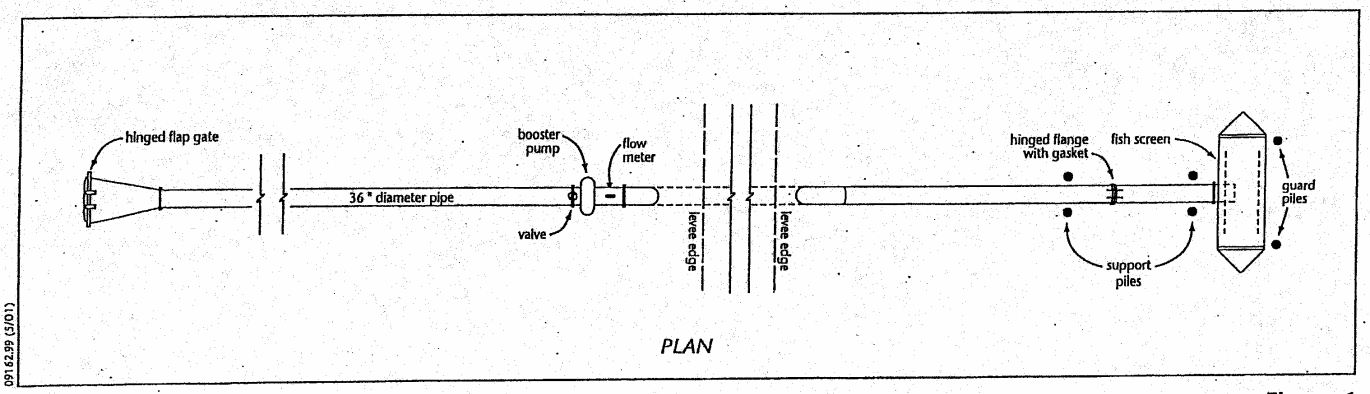





091.62.99 (5/01)

**Figure 5**
**Siphon Plan View**
*May 10, 2001*



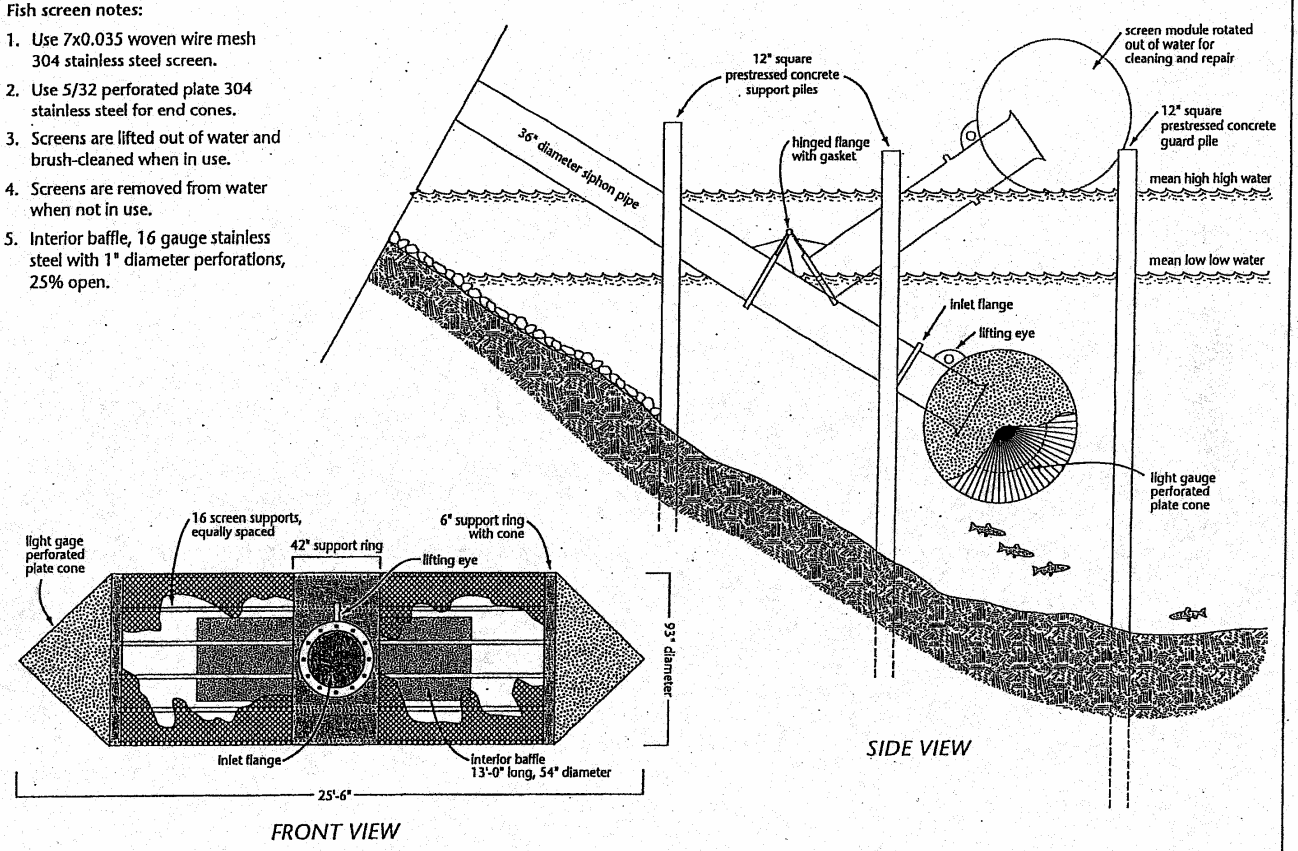




0916239 (5/01)

**Figure 6**
**Intake Siphon Unit**
*May 10, 2001*

Fish screen notes:

1. Use 7x0.035 woven wire mesh 304 stainless steel screen.
2. Use 5/32 perforated plate 304 stainless steel for end cones.
3. Screens are lifted out of water and brush-cleaned when in use.
4. Screens are removed from water when not in use.
5. Interior baffle, 16 gauge stainless steel with 1" diameter perforations, 25% open.




09162.99 (5/01)

**Figure 7**
**Fish Screen Design**
*May 10, 2001*

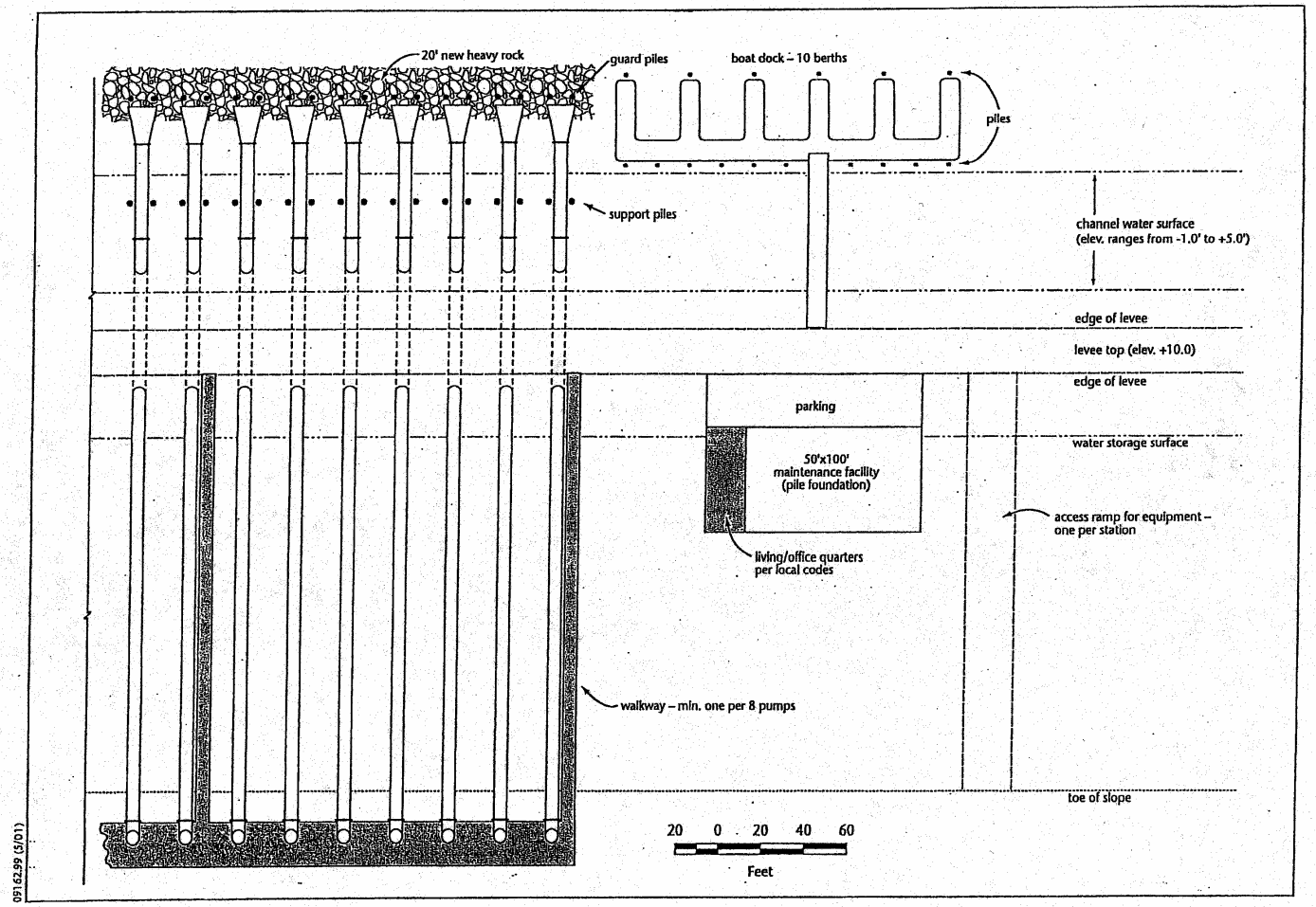
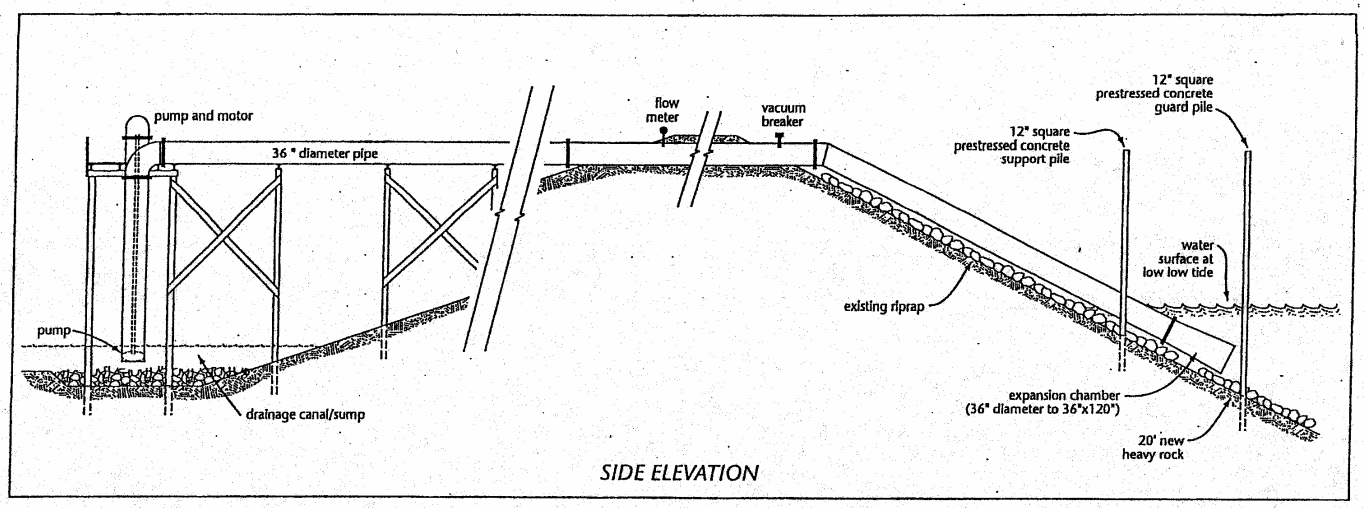
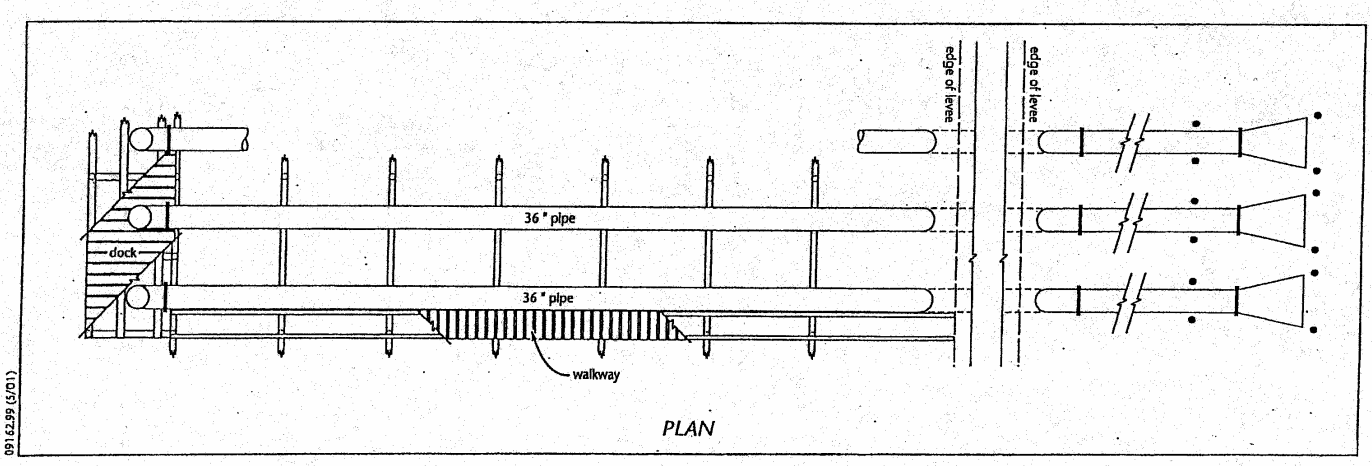


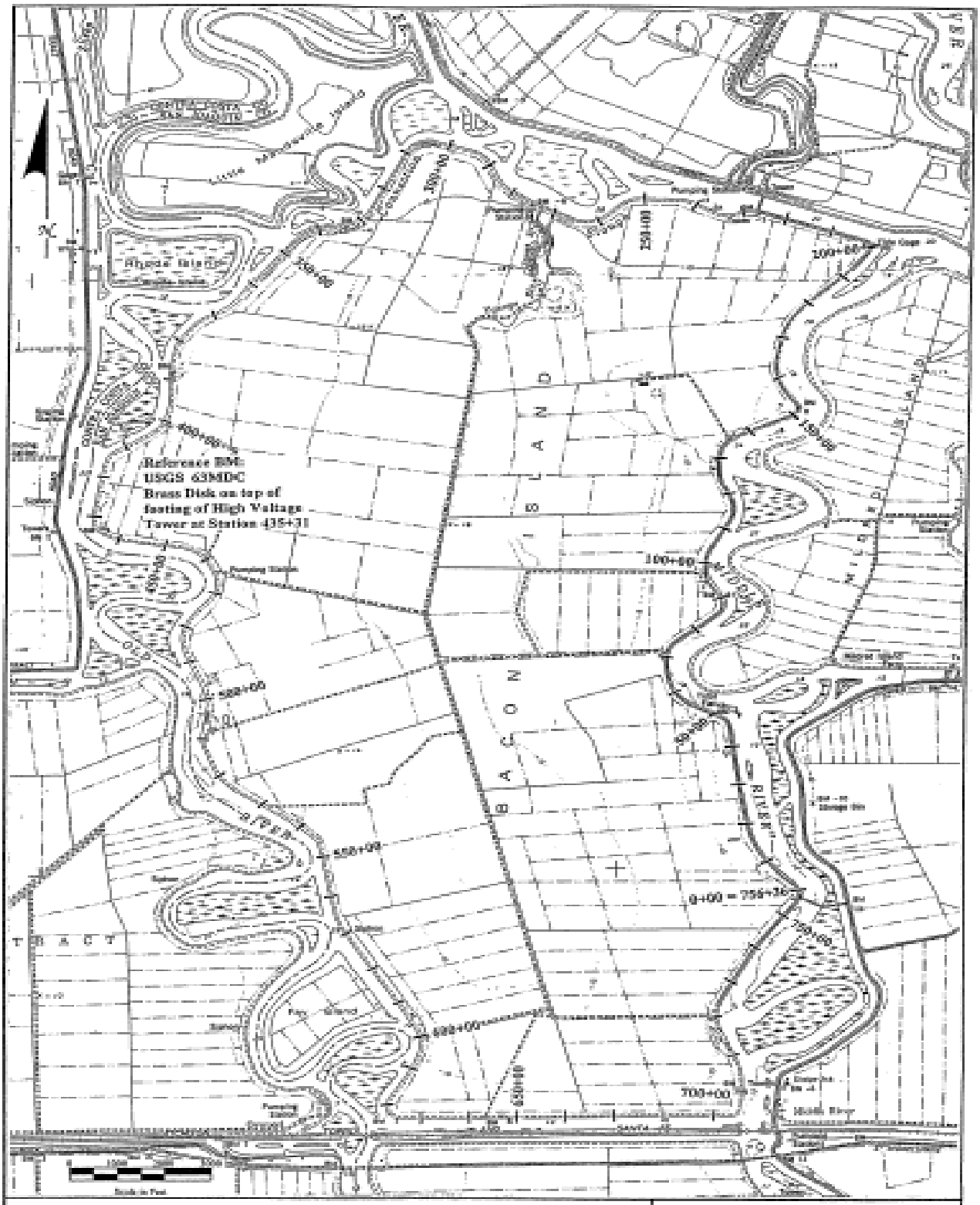

**Figure 8**
**Pump Station Plan View**
*May 10, 2001*




09162.99 (5/01)

**Figure 9**
**Discharge Pump Unit**
*May 10, 2001*




Reclamation District No. 2028
Bacon Island

W E B B T R A C T
GAS FIELD
VISTA
SAN JOAQUIN
RIVER
False River
FISHERMANS CUT
SACRAMENTO
CONTRA COSTA CO
Webb Point
Hayes Reach
Pumping Station
Light
500+00
450+00
400+00
350+00
300+00
250+00
200+00
150+00
100+00
50+00
0+00 = 682+47
550+00
600+00
650+00
Reference BM:
USGS BM 69MDC
USGS stamped tablet in
T.O. SW corner of bridge
over Dutch Slough
0 1000 2000 3000
Scale in Feet
Reclamation District No. 2026
Webb Tract
MURRAY, BURNS & KIENLEN - Consulting Civil Engineers

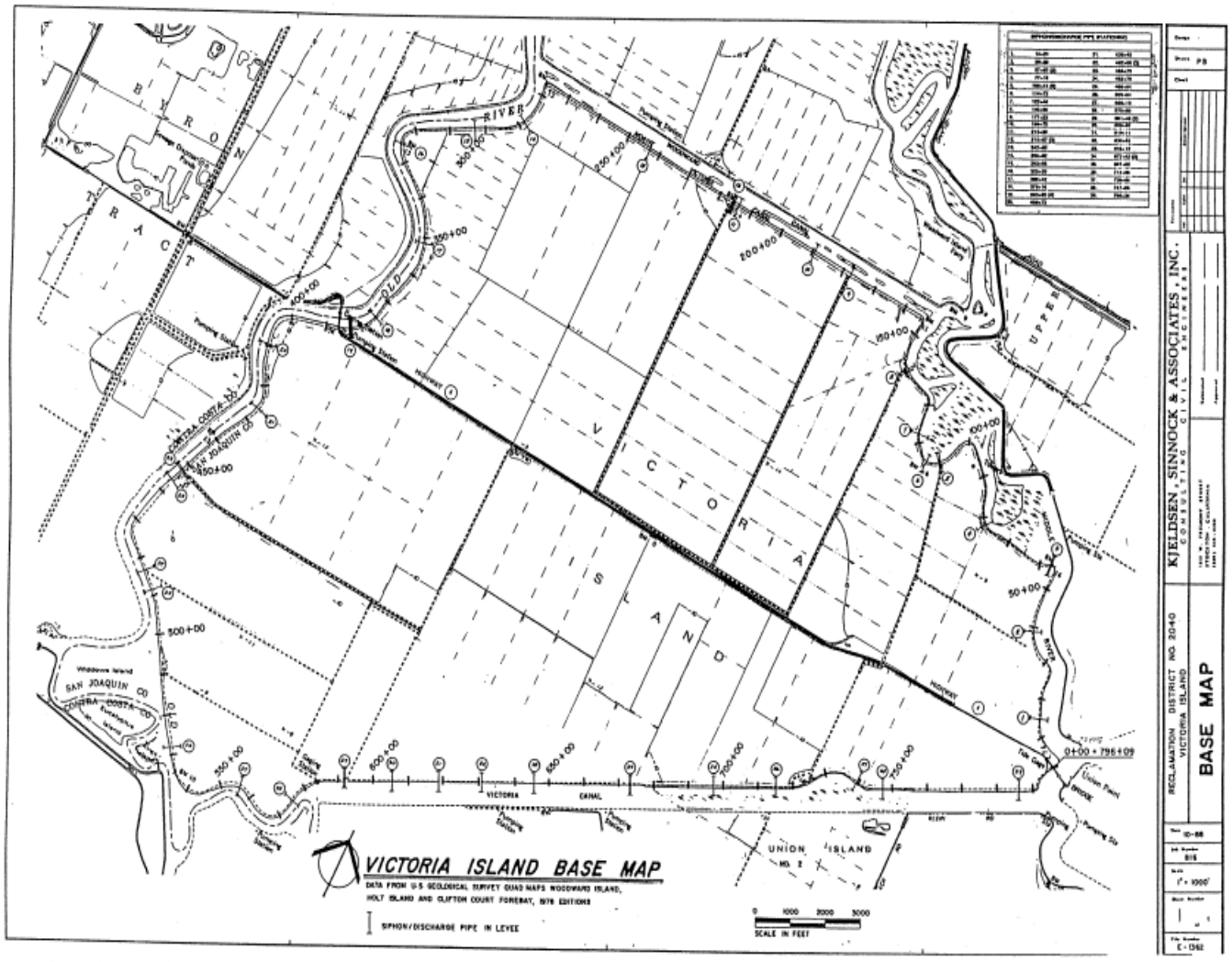
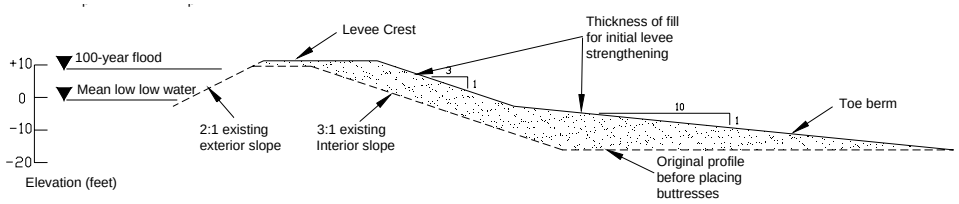
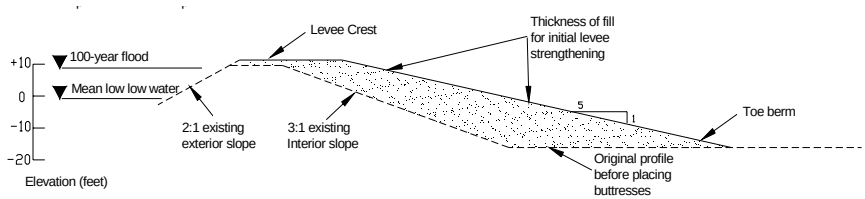

VICTORIA ISLAND BASE MAP
DATA FROM U.S. GEOLOGICAL SURVEY QUAD MAPS WOODWARD ISLAND, HOLT ISLAND AND CLIFTON COURT FOREBAY, 1978 EDITIONS
SIPHON/DISCHARGE PIPE IN LEVEE
SCALE IN FEET
0 1000 2000 3000
VICTORIA ISLAND
UNION ISLAND NO. 2
VICTORIA CANAL
SAN JOAQUIN CO
CONTRA COSTA CO
BYRON TRACT
UPPER
RIVER
OLD
0+00 = 796+09
KJELDSEN, SINNOCK & ASSOCIATES, INC.
CONSULTING CIVIL ENGINEERS
RECLAMATION DISTRICT NO. 2040
VICTORIA ISLAND
BASE MAP
1" = 1000'
E-1362

Figure 13: Delta Wetlands Proposed Embankment Cross Sections



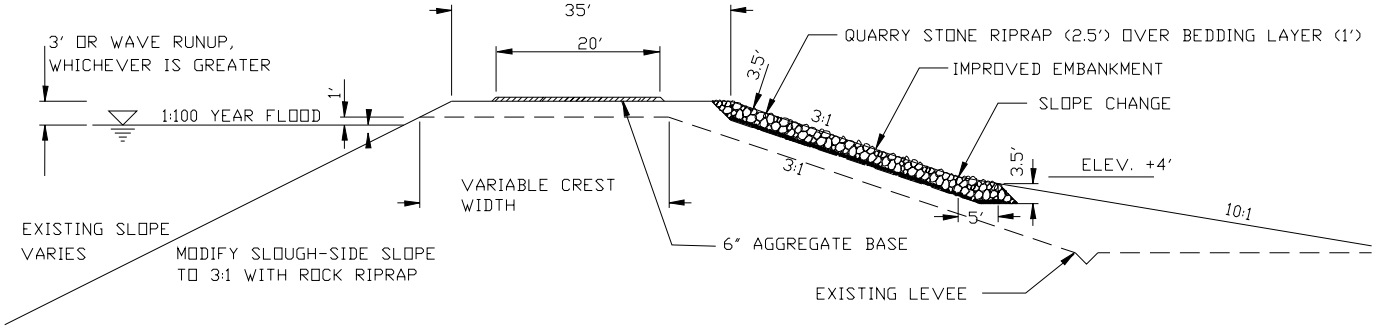

a) Broken-slope Section

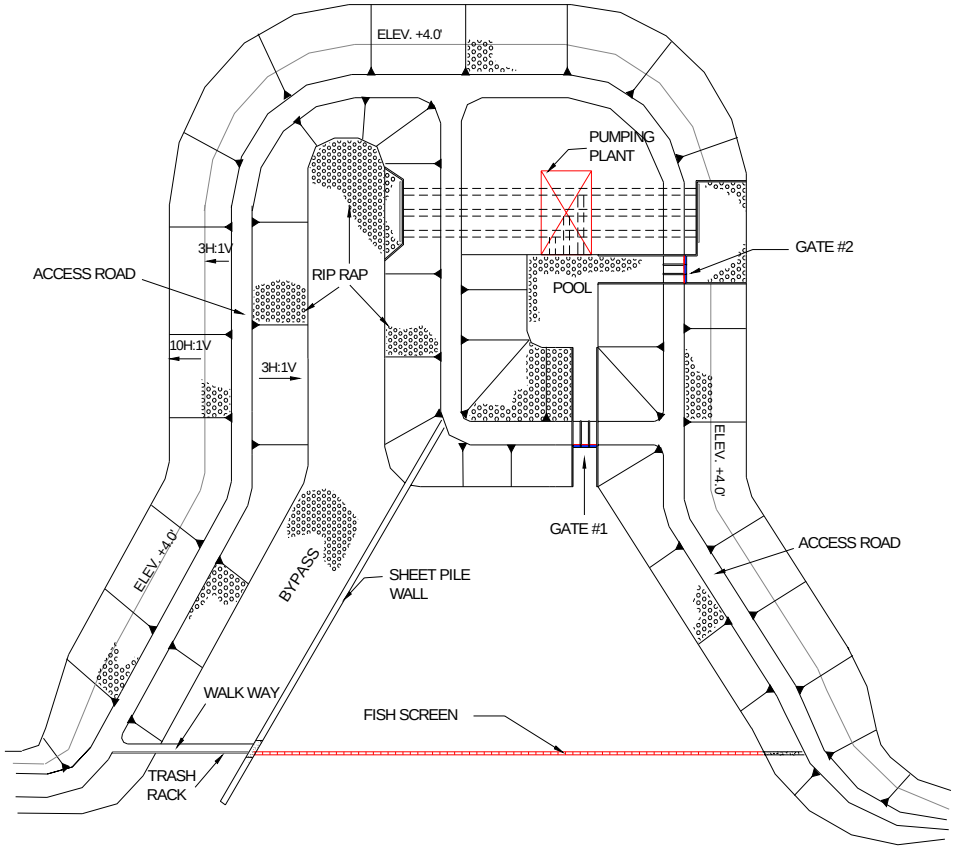



**b) Constant-slope Section**

Note: Not to Scale

Figure 14: Re-Engineered Embankment Cross-Section






# TYPICAL INTEGRATED FACILITY

FIGURE 15

SCALE: 1" = 200'

| REV. | DATE | DESCRIPTION | SUB. | APP'D |
|---|---|---|---|---|

DESIGNED | CHECKED | DRAWN | REVIEWED | SUBMITTED:

APPROVAL RECOMMENDED:
APPROVAL RECOMMENDED:
APPROVED: DATE:

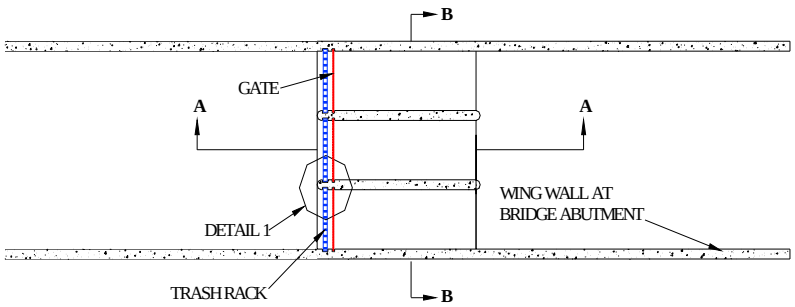
REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF PLANNING AND LOCAL ASSISTANCE
INTEGRATED STORAGE INVESTIGATIONS

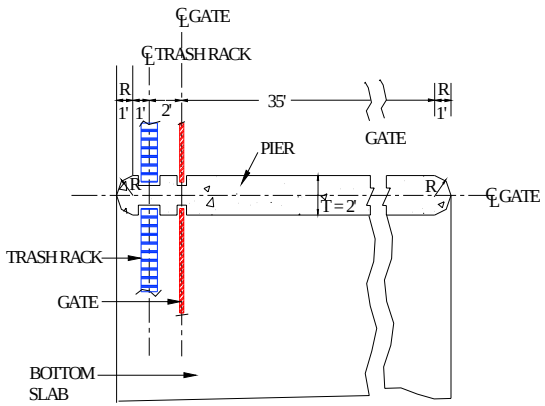
IN DELTA STORAGE PROGRAM

SPEC. No.
DRAWING No.
REV. | SHEET No.

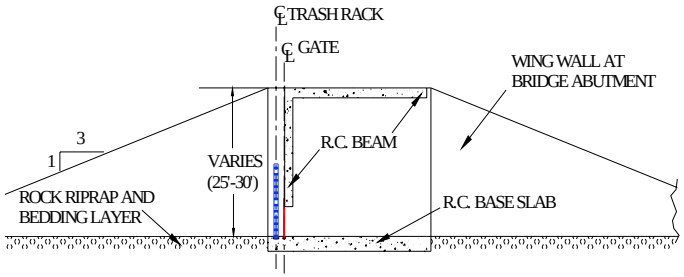
DESIGNFILESPECIFICATION



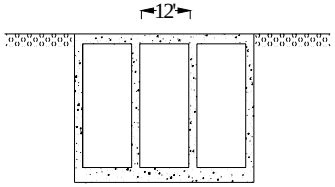

GATE STRUCTURE -PLAN VIEW




DETAIL 1 (TYP.)
(Scale = 4X)




SECTION AA



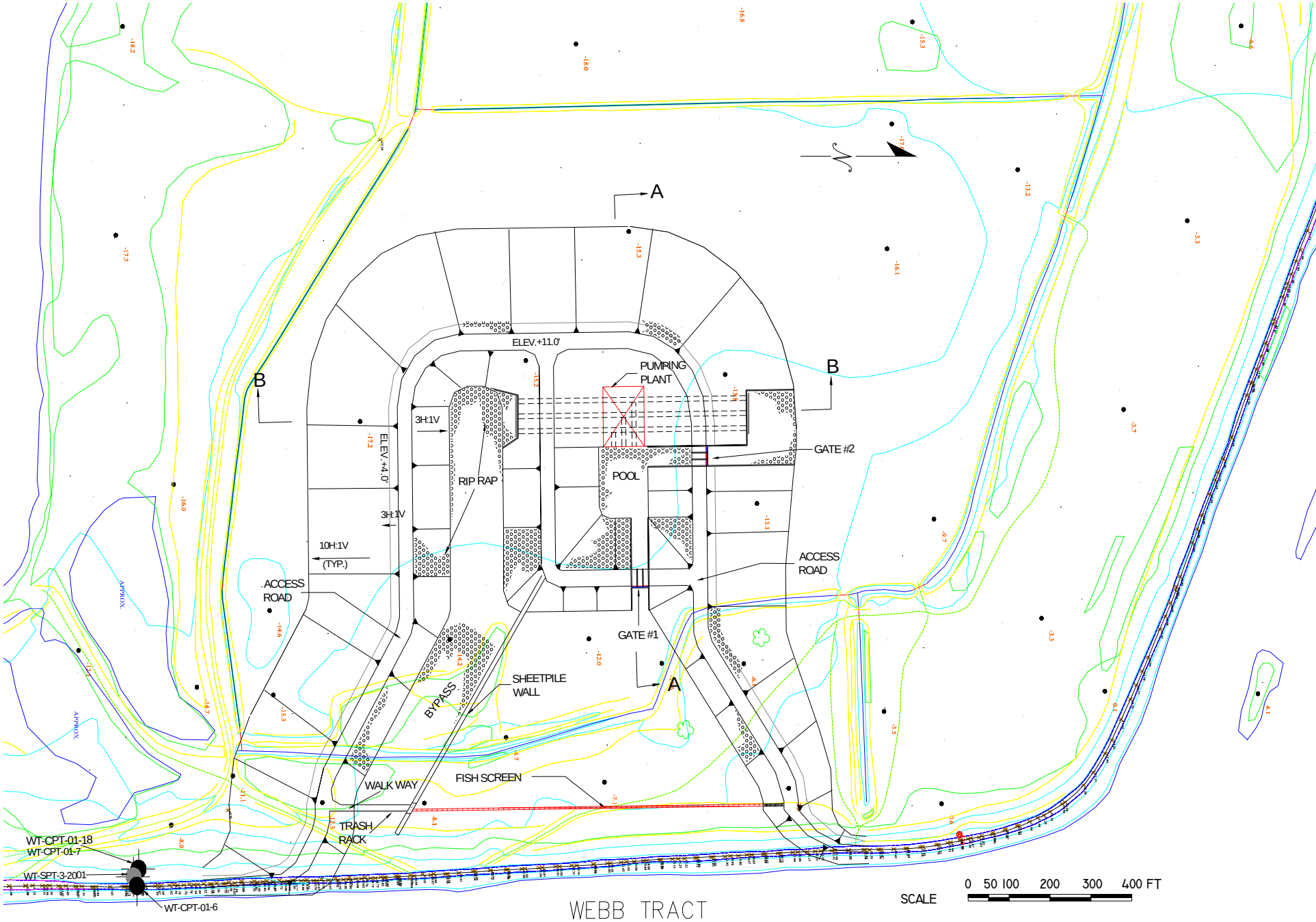

SECTION BB

# GATE STRUCTURE

FIGURE 16

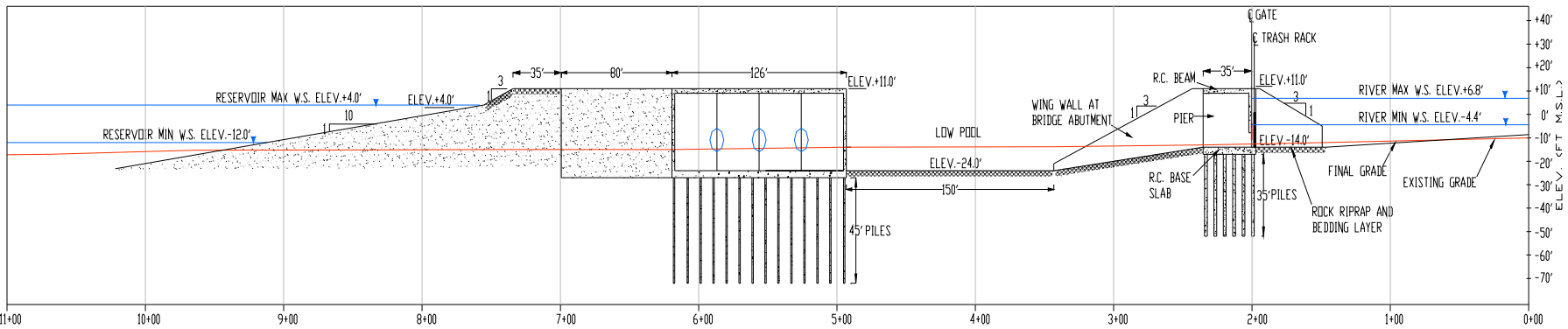
SCALE - 1"=25'

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| DESIGNED | CHECKED | APPROVAL RECOMMENDED: | | STATE OF CALIFORNIA<br>THE RESOURCES AGENCY<br>DEPARTMENT OF WATER RESOURCES<br>DIVISION OF PLANNING AND LOCAL ASSISTANCE<br>INTEGRATED STORAGE INVESTIGATIONS | IN DELTA STORAGE PROGRAM | SPEC. No. | |
| DRAWN | REVIEWED | APPROVAL RECOMMENDED: | | | | DRAWING No. | |
| SUBMITTED | | APPROVED: | DATE: | | | REV. | SHEET No. |
| DESCRIPTION | SUB. | APP'D | | | | DATE DESIGN/FILE SPECIFICATION | |

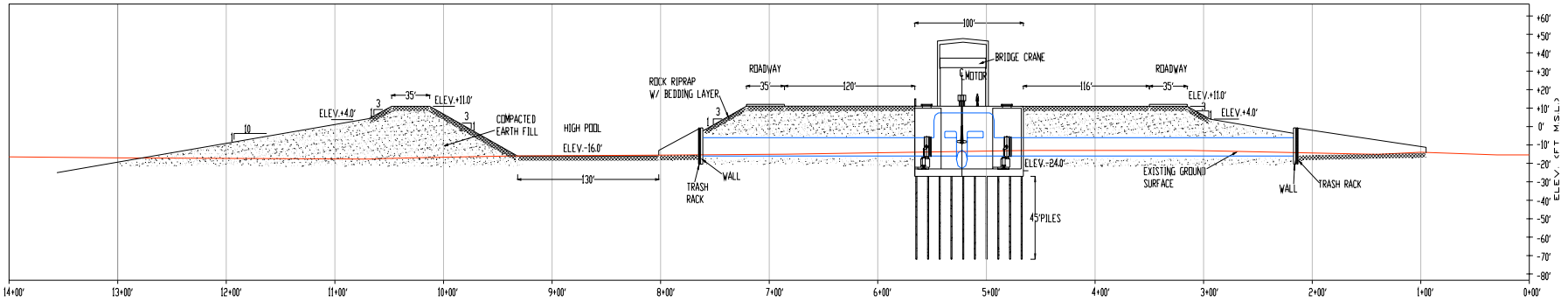



WEBB TRACT
(San Joaquin River Integrated Facility)

## SECTION - AA




## SECTION - BB




# WEBB TRACT

(SAN JOAQUIN RIVER INTEGRATED FACILITY)

FIGURE 18

| REV. | DATE | DESCRIPTION | SUB. | APP'D |
|---|---|---|---|---|

DESIGNED | CHECKED | APPROVAL RECOMMENDED:
DRAWN | REVIEWED | APPROVAL RECOMMENDED:
SUBMITTED: | APPROVED: | DATE:

REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF PLANNING AND LOCAL ASSISTANCE
INTEGRATED STORAGE INVESTIGATIONS

IN DELTA STORAGE PROGRAM

SPEC. No.
DRAWING No.
REV. | SHEET No.

WEBB TRACT
(False River Integrated Facility)