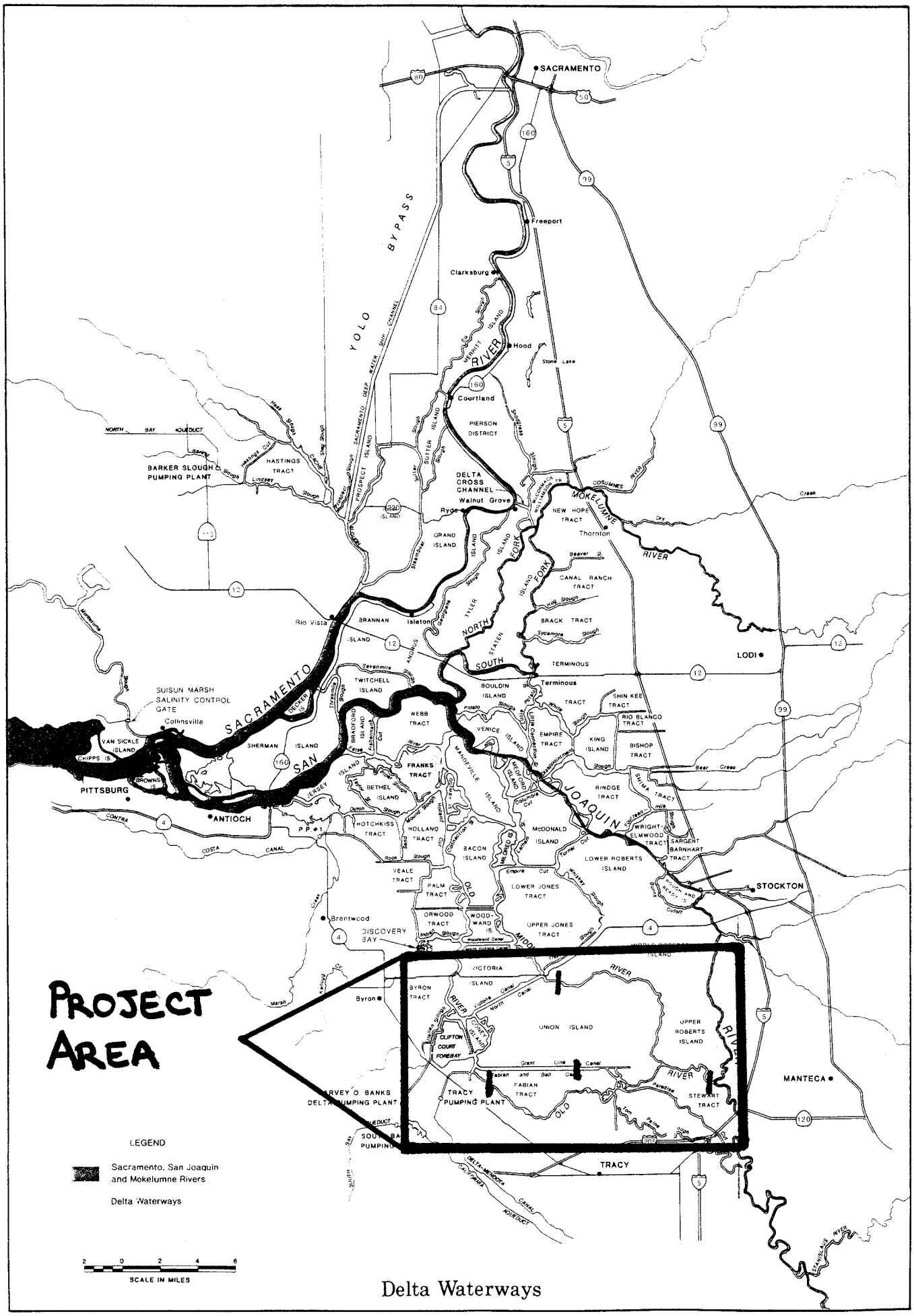
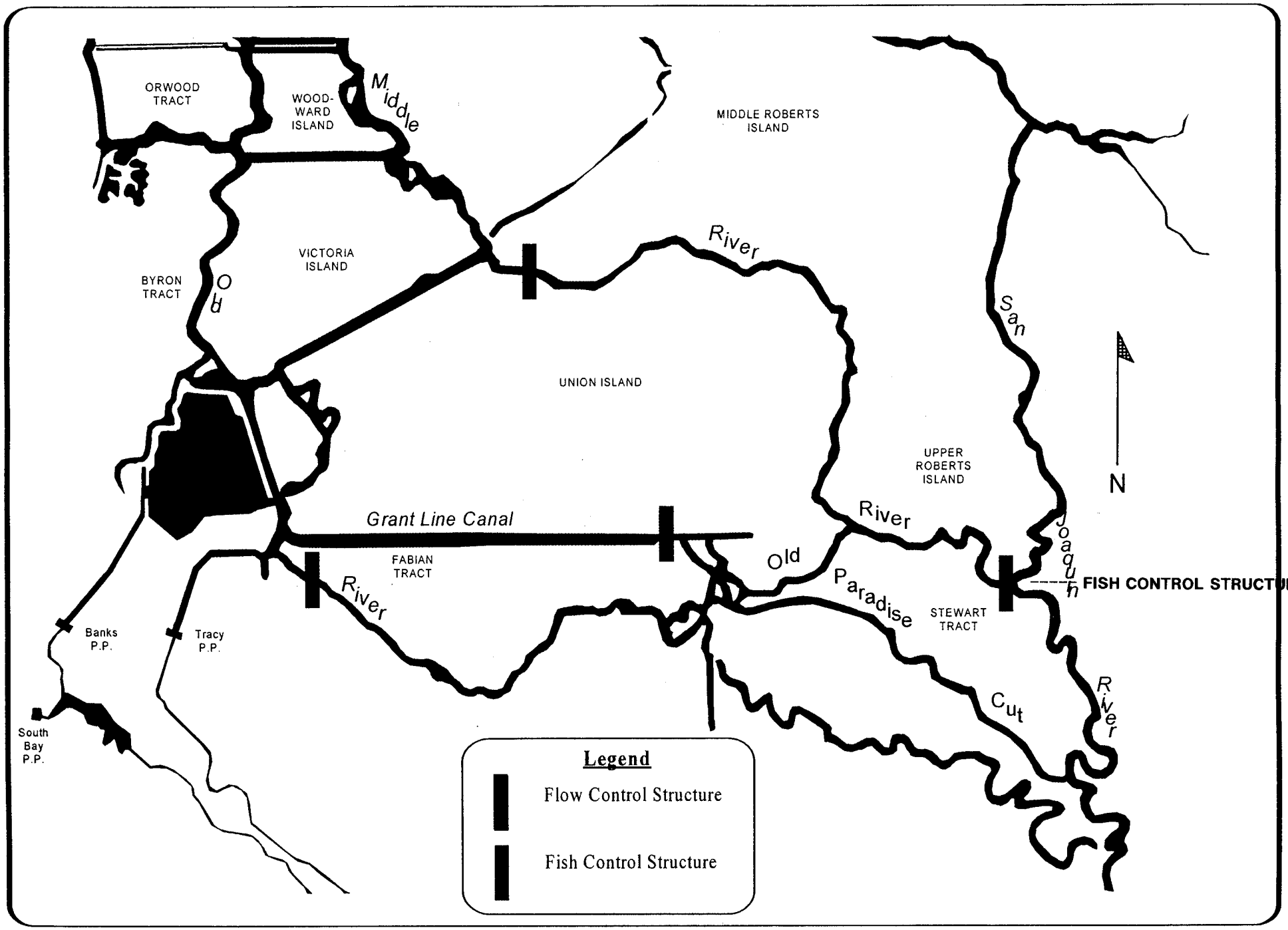
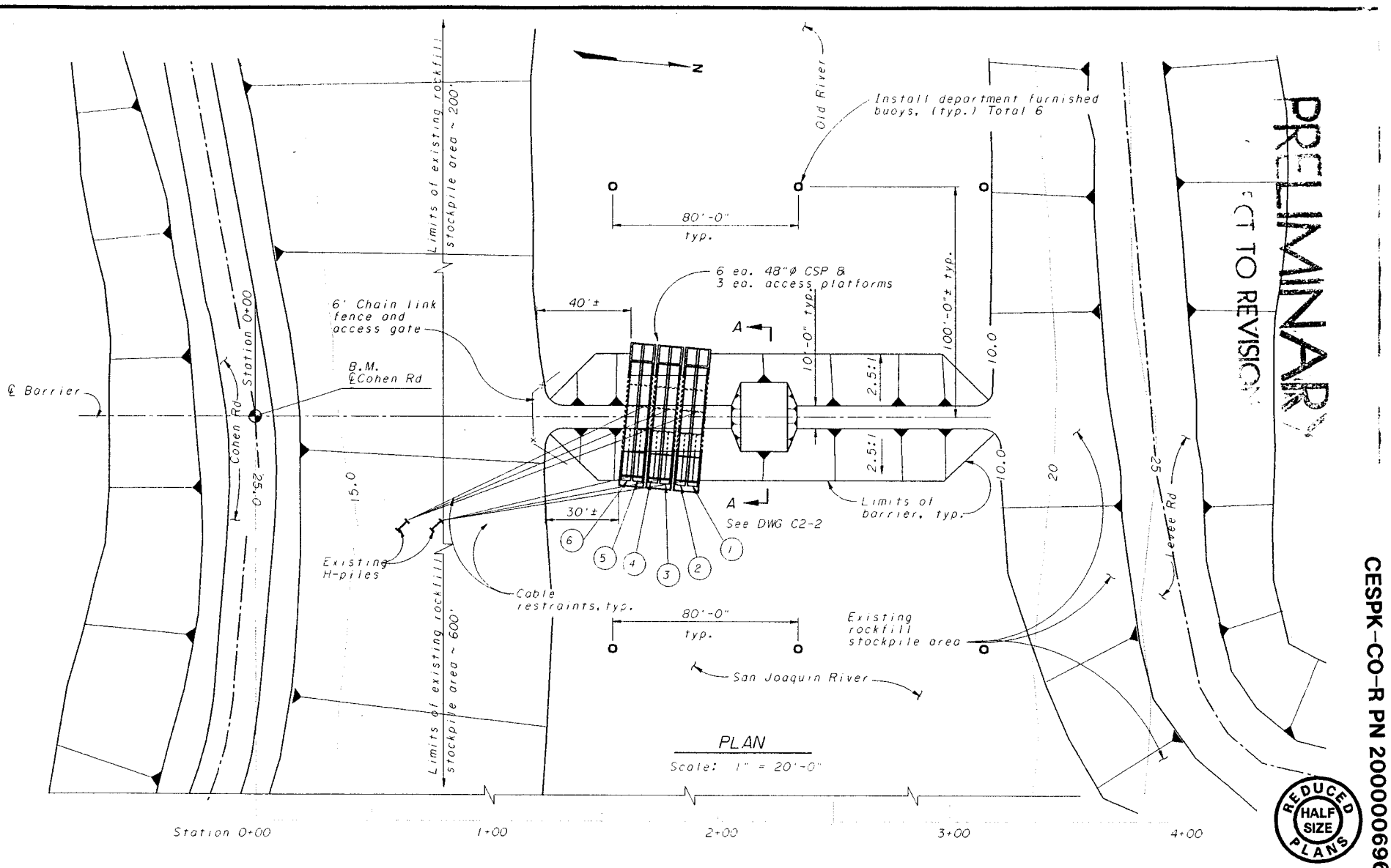


Delta Waterways



CESPK-CO-R PN 20000696



PRELIMINARY

SUBJECT TO REVISION

CESPK-CO-R PN 2000000696

REDUCED HALF SIZE PLANS

REV.	DATE	DESCRIPTION	SUB.	APP'D

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

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF ENGINEERING
STATE WATER FACILITIES

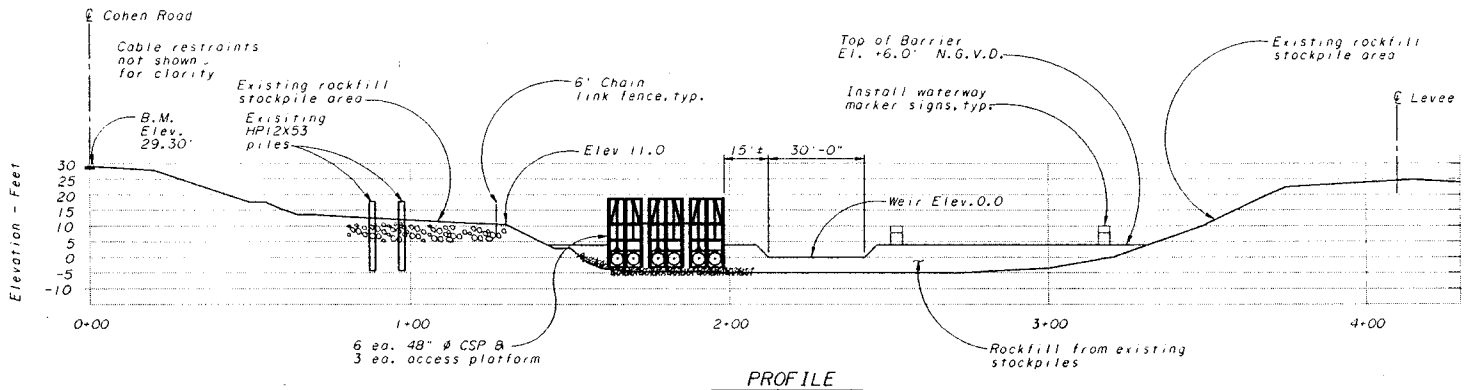
SOUTH DELTA INTERIM FACILITIES
TEMPORARY ROCK BARRIERS - 2001, 2002 AND 2003
OLD RIVER AT SJR (FALL)
PLAN

SPEC. NO.
DRAWING NO. C2-1
REV. | SHEET NO. 4

A | B | C | D | E | F | G | H

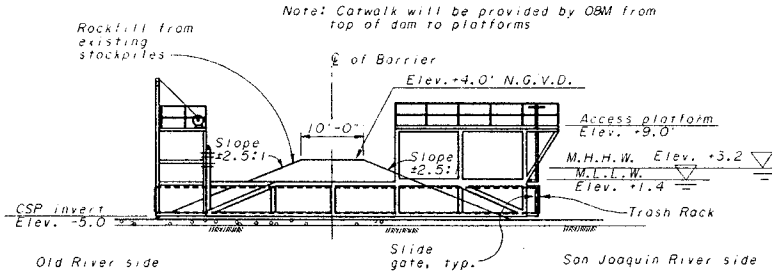
PRELIMINARY
SUBJECT TO REVISION

CESPK-CO-R PN 200000696



PROFILE

Scale: 1' = 20'-0"



SECTION A-A

Scale : 1" = 10'-0"

See DWG C2-1

1" = 10' 10 0 10 20 30 40 SCALE OF FEET

1" = 20' 20 0 20 40 60 80 SCALE OF FEET

NOTES

1. All elevations are in feet and represent the National Geodetic Vertical Datum of 1929.
2. Maximum water allowable flows on San Joaquin River to to ensure barrier stability +5.5
3. Abbreviations:
   - N.G.V.D. - National Geodetic Vertical Datum
   - M.H.H.W. - Mean High High Water
   - M.L.L.W. - Mean Low Low Water
   - CSP. - Corrugated Steel Pipe
   - Grid mat - Articulating concrete grid mat
   - B.M. - Bench mark

REDUCED HALF SIZE PLANS

REV.	DATE	DESCRIPTION	SUB.	APP'D

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

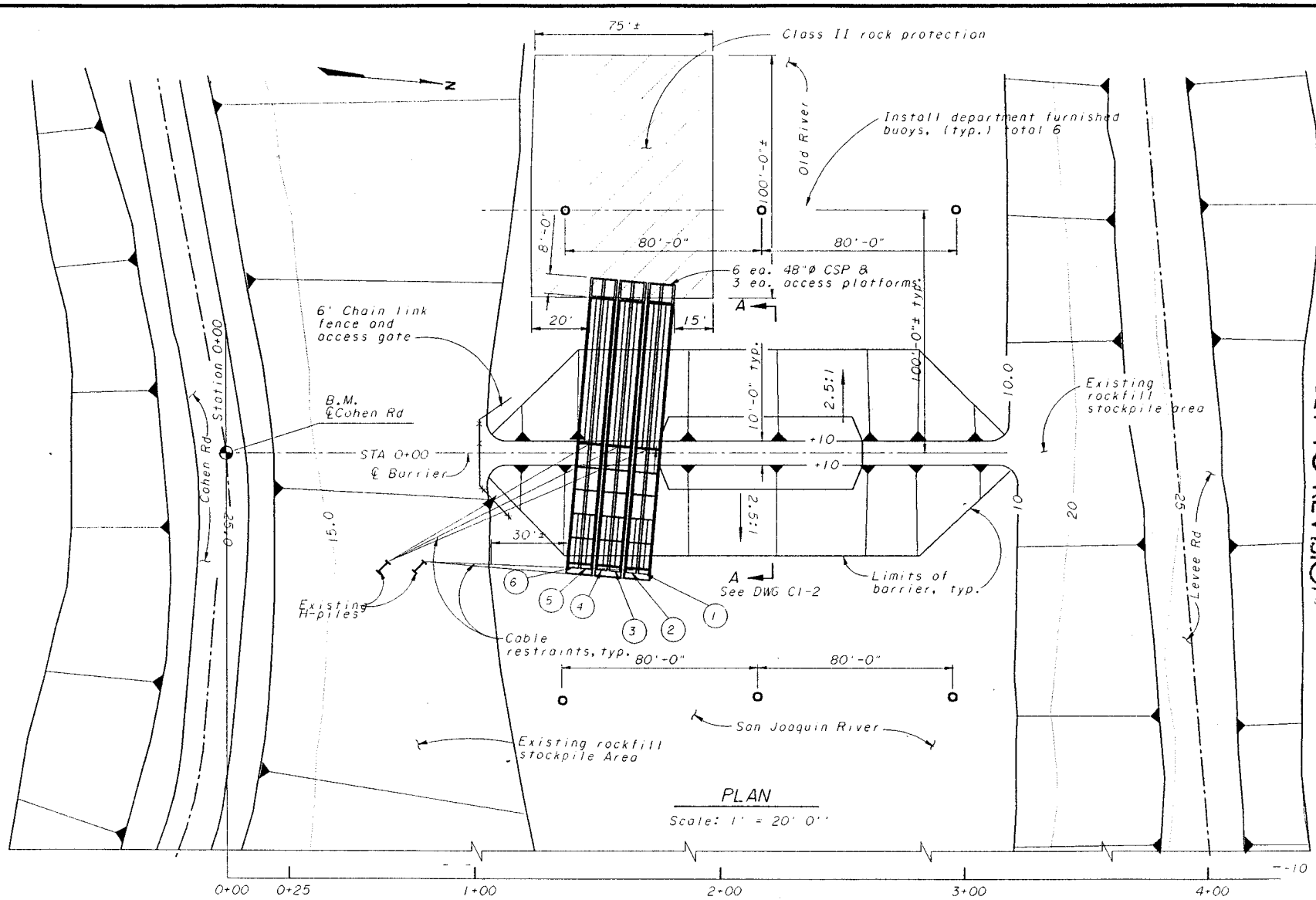
REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF ENGINEERING
STATE WATER FACILITIES

SOUTH DELTA INTERIM FACILITIES
TEMPORARY ROCK BARRIERS 2001, 2002 AND 2003
OLD RIVER AT SJR (FALL)
PROFILE AND SECTION

SPEC. NO.
DRAWING NO. C2-2
REV.
SHEET NO. 5

A B C D E F G H



PRELIMINARY

SUBJECT TO REVISION

CESPK-CO-R PN 20000696

REDUCED HALF SIZE PLANS

REV.	DATE	DESCRIPTION	SUB.	APP'D

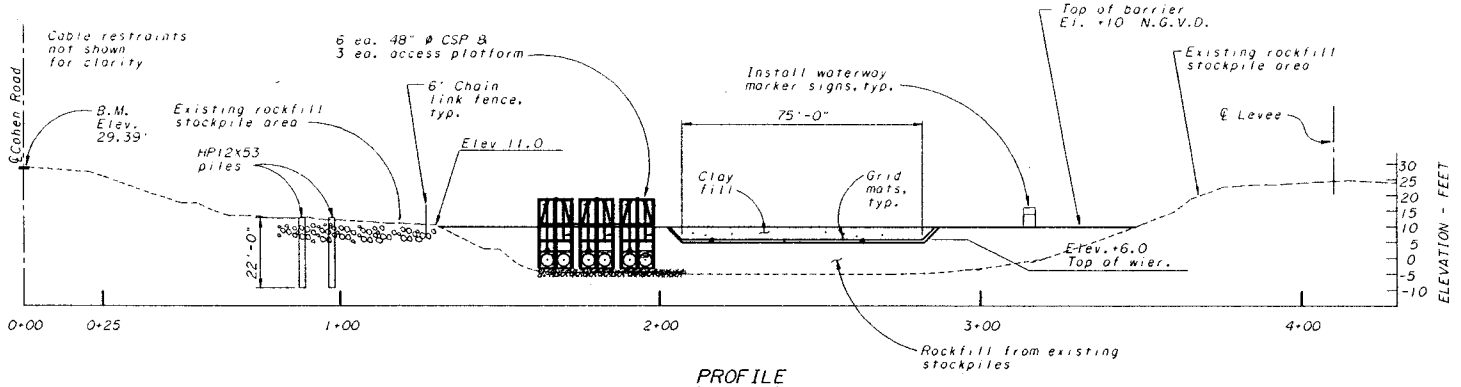
DESIGNED | CHECKED | APPROVAL RECOMMENDED:
DRAWN | REVIEWED | APPROVAL RECOMMENDED:
SUBMITTED: | APPROVED: DATE:

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF ENGINEERING
STATE WATER FACILITIES

SOUTH DELTA INTERIM FACILITIES
TEMPORARY ROCK BARRIERS 2001, 2002 AND 2003
OLD RIVER AT SJR (SPRING)
PLAN

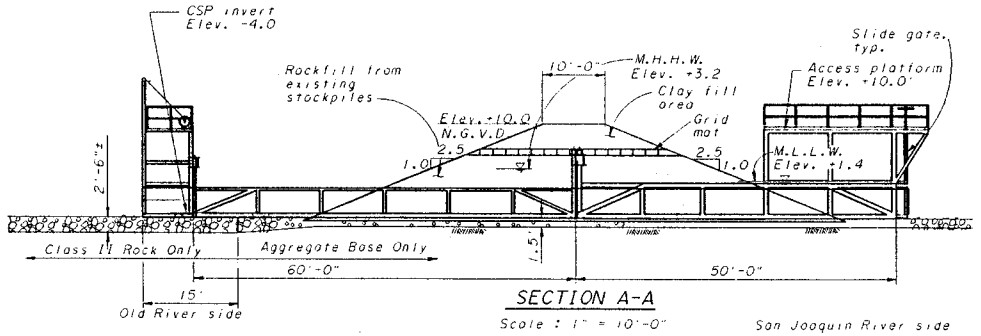
SPEC. NO.
DRAWING NO. C1-1
REV. | SHEET NO. 2

A | B | C | D | E | F | G | H



PROFILE

Scale: 1" = 20'-0"



SECTION A-A

Scale : 1" = 10'-0"

See DWG C1-1

1" = 10' 10 0 10 20 30 40 SCALE OF FEET

1" = 20' 20 0 20 40 60 80 SCALE OF FEET

NOTES

1. All elevations are in feet and represent the National Geodetic Vertical Datum of 1929.
2. Maximum water surface on San Joaquin To ensure barrier stability El. +8.5 ft
3. Abbreviations:
   - N.G.V.D. - National Geodetic Vertical Datum
   - M.H.H.W. - Mean High High Water
   - M.L.L.W. - Mean Low Low Water
   - CSP. - Corrugated Steel Pipe
   - Grid mat - Articulating concrete grid mat
   - B.M. - Bench mark

PRELIMINARY
SUBJECT TO REVISION

REDUCED HALF SIZE PLANS

CESPK-CO-R PN 200000696

REV.	DATE	DESCRIPTION	SUB.	APP'D

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

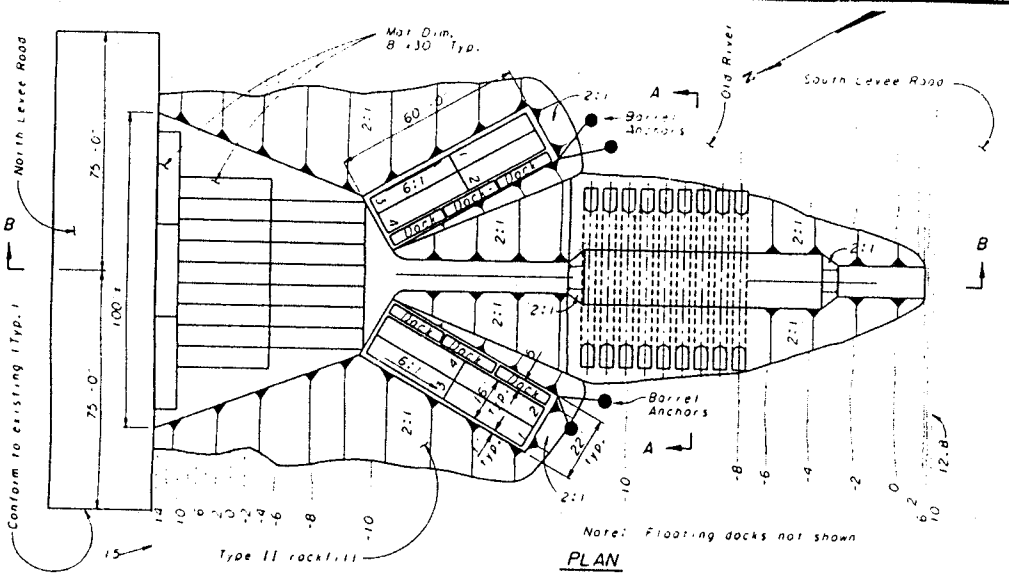
REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF ENGINEERING
STATE WATER FACILITIES

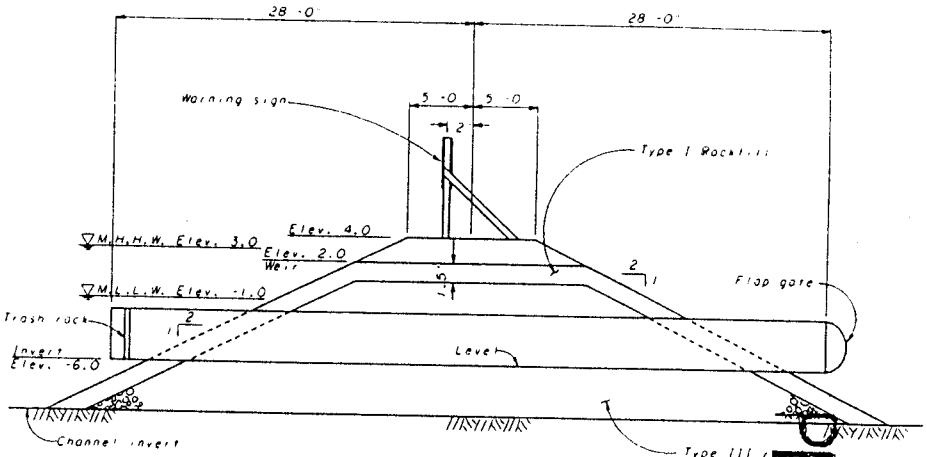
SOUTH DELTA INTERIM FACILITIES
TEMPORARY ROCK BARRIERS 2001, 2002 AND 2003
OLD RIVER AT SJR (SPRING)
PROFILE AND SECTION

SPEC. NO.
DRAWING NO. C1-2
REV.
SHEET NO. 3

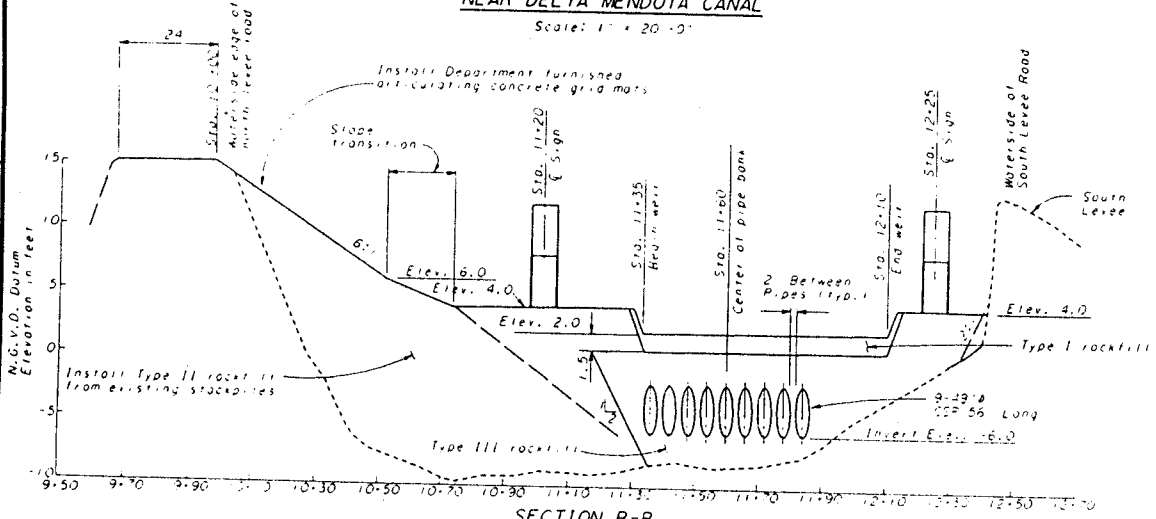
A B C D E F G H



PLAN
OLD RIVER BARRIERS
NEAR DELTA MENDOTA CANAL
Scale: 1" = 20'-0"



SECTION A-A
Scale: 1" = 5'-0"



SECTION B-B
Scale: Horiz 1" = 20' Vert 1" = 5'

PRELIMINARY
SUBJECT TO REVISION

REDUCED HALF SIZE PLANS

NOTES

1. Elevations shown are based on NGVD of 1929.
2. Abbreviations:
   N.G.V.D. - National Geodetic Vertical Datum
   M.H.H.W. - Mean High High Water
   M.L.L.W. - Mean Low Low Water

SCALE OF FEET

REV.	DATE	DESCRIPTION	SUB.	APP'D

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

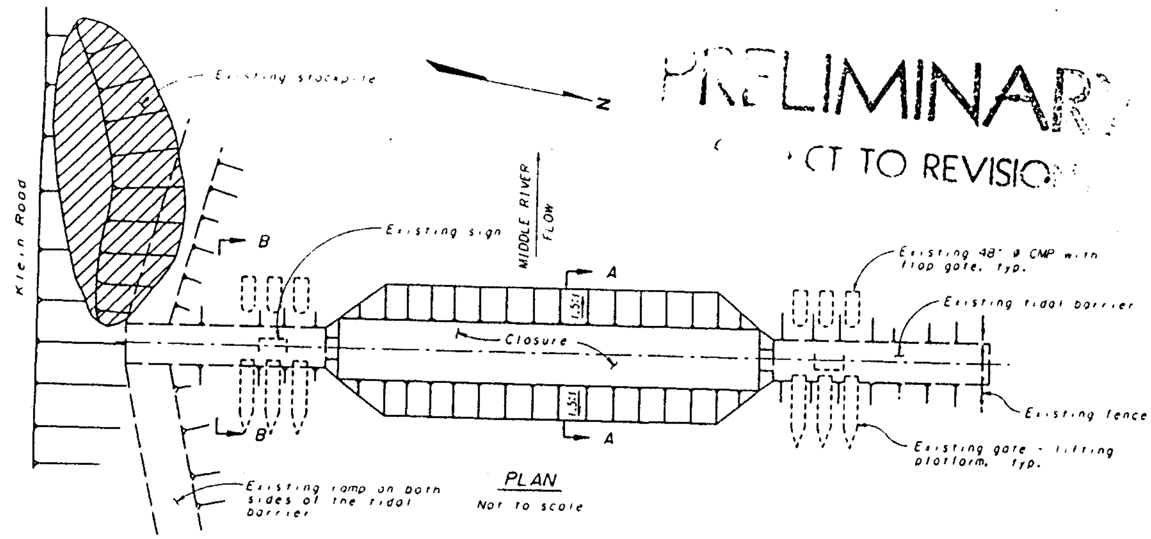
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF ENGINEERING
STATE WATER FACILITIES

SOUTH DELTA INTERIM FACILITIES
TEMPORARY ROCK BARRIERS - 2001, 2002 AND 2003
OLD RIVER AT DMC
PLAN, PROFILE AND SECTION

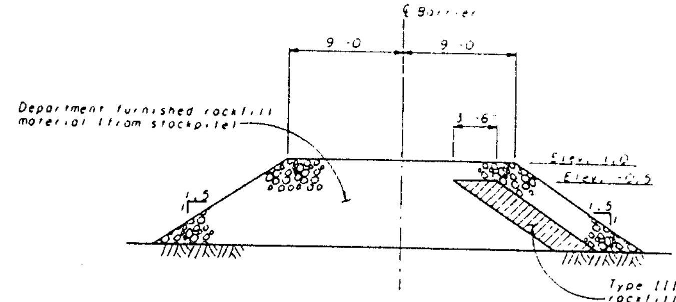
SPEC. NO.
DRAWING NO. C3-1
REV.
SHEET NO. 6

CESPK-CO-R PN 200000696

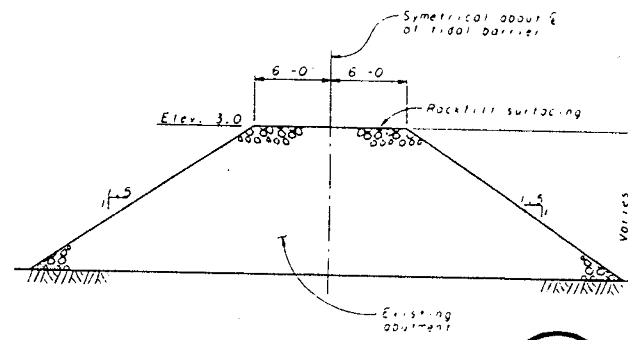
PRELIMINARY
SUBJECT TO REVISION



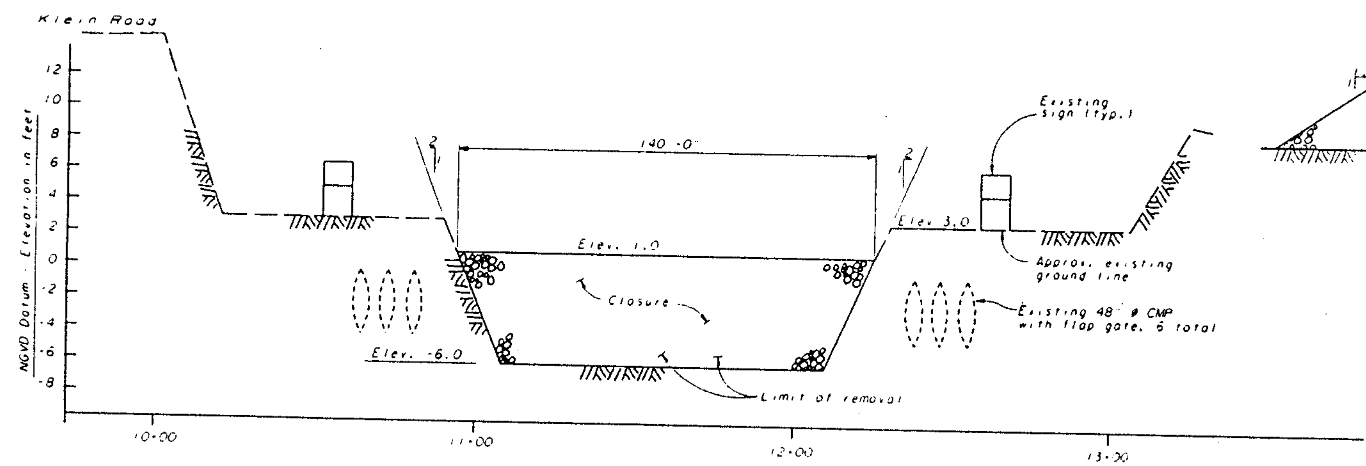
PLAN
Not to scale



SECTION A-A
Scale: 1" = 5'



SECTION B-B
Scale: 1" = 5'



BARRIER PROFILE - FACING DOWNSTREAM
Scale: Vertical: 1" = 4'
Horizontal: 1" = 20'

NOTES

1. Elevations shown are based on NGVD of 1929.
2. Abbreviations:
   N.G.V.D. - National Geodetic Vertical Datum
   M.H.H.W. - Mean Higher High Water
   M.L.L.W. - Mean Lower Low Water
3. TBM - ¾" ∅ IP adjacent to the north edge of Klein Road approx. 14 ft. west of the Tidal Barrier (Elev. 13.82 USC&GS).

CESPK-CO-R PN 200000696

REDUCED HALF SIZE PLANS

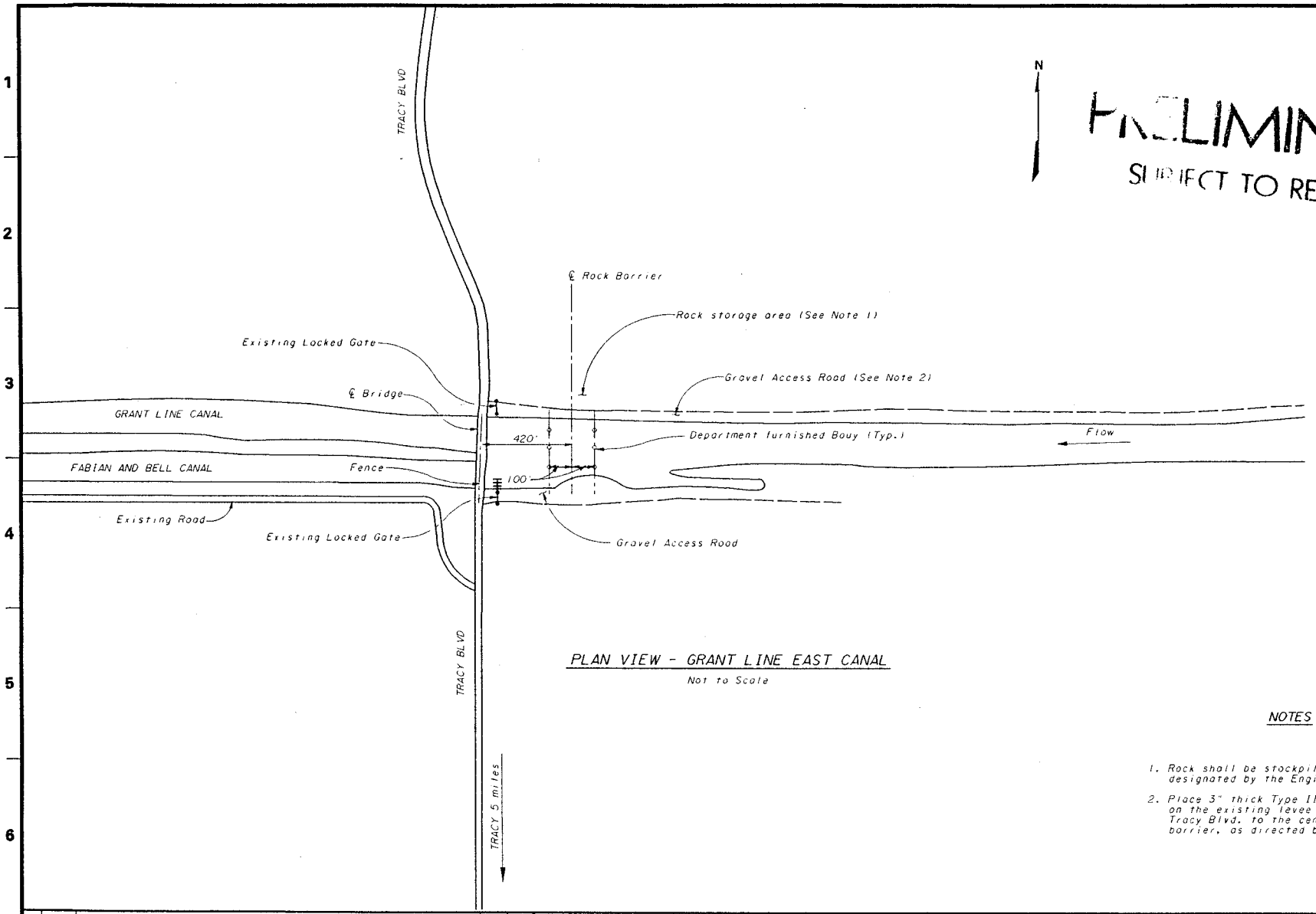
REV.	DATE	DESCRIPTION	SUB.	APP'D

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

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF ENGINEERING
STATE WATER FACILITIES

SOUTH DELTA INTERIM FACILITIES
TEMPORARY ROCK BARRIERS - 2001, 2002 AND 2003
MIDDLE RIVER
PLAN, PROFILE AND SECTION

DRAWING NO. C4-1
PAGE NO. 7



N

PRELIMINARY
SUBJECT TO REVISION

PLAN VIEW - GRANT LINE EAST CANAL
Not to Scale

REDUCED HALF SIZE PLANS

CESPK-CO-R PN 20000696

NOTES

1. Rock shall be stockpiled in the area designated by the Engineer.
2. Place 3" thick Type III material on the existing levee road from Tracy Blvd. to the centerline of the barrier, as directed by the Engineer.

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 ENGINEERING
STATE WATER FACILITIES

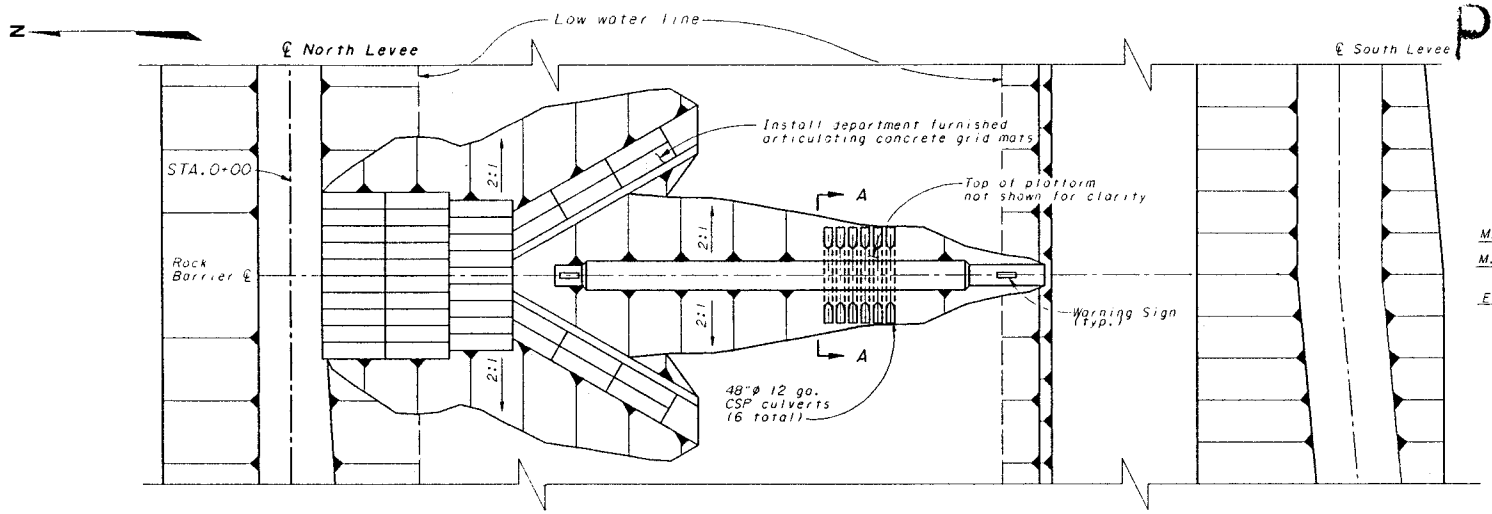
SOUTH DELTA INTERIM FACILITIES
TEMPORARY ROCK BARRIERS - 2001, 2002 AND 2003
GRANT LINE CANAL
BARRIER LOCATION AT TRACY BLVD. BRIDGE

SPEC. NO.
DRAWING NO. C6-1
REV. | PAGE NO. 8

A B C D E F G H

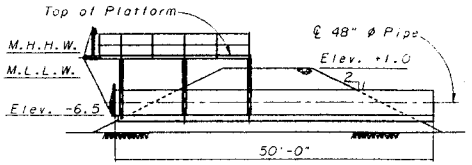
PRELIMINARY

SUBJECT TO REVISION



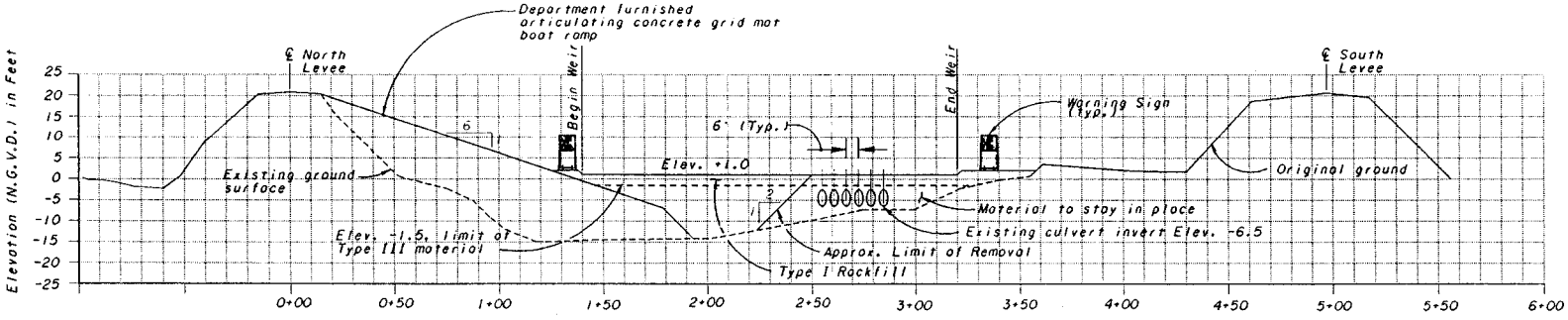
BARRIER PLAN VIEW

Scale: 1"=30'



SECTION A-A

Scale: 1" = 10'



BARRIER ELEV. AT CENTERLINE

Scale: Vert: 1" = 15'
Horiz. 1" = 30'

REDUCED PLANS HALF SIZE

NOTES

1. Abbreviations:
   N.G.V.D. - National Geodetic Vertical Datum
   M.H.H.W. - Mean High High Water
   M.L.L.W. - Mean Low Low Water
2. Elevations shown are based on N.G.V.D. of 1929.

1" = 10' SCALE OF FEET

CESPK-CO-R PN 20000696

REV.	DATE	DESCRIPTION	SUB.	APP'D

DESIGNED | CHECKED
DRAWN | REVIEWED
SUBMITTED:

APPROVAL RECOMMENDED:
APPROVAL RECOMMENDED:
APPROVED: DATE:

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF ENGINEERING
STATE WATER FACILITIES

SOUTH DELTA INTERIM FACILITIES
TEMPORARY ROCK BARRIERS - 2001, 2002 AND 2003
GRANT LINE CANAL
PLAN, PROFILE AND SECTION

SPEC. NO.
DRAWING NO. C6-2
REV. | PAGE NO. 9

C:\ACAD&ART\D-2390\00-5204.dgn

A B C D E F G H