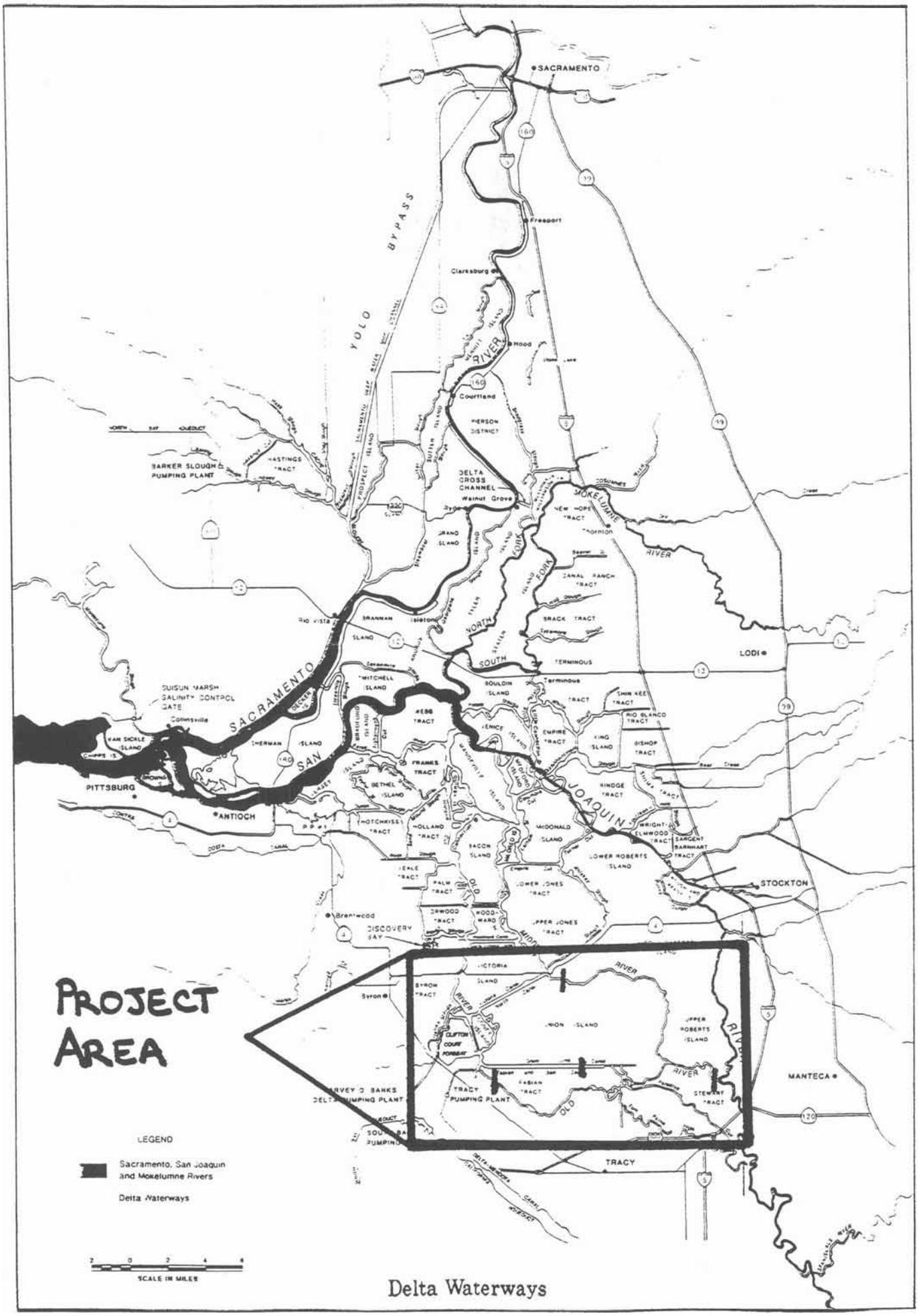
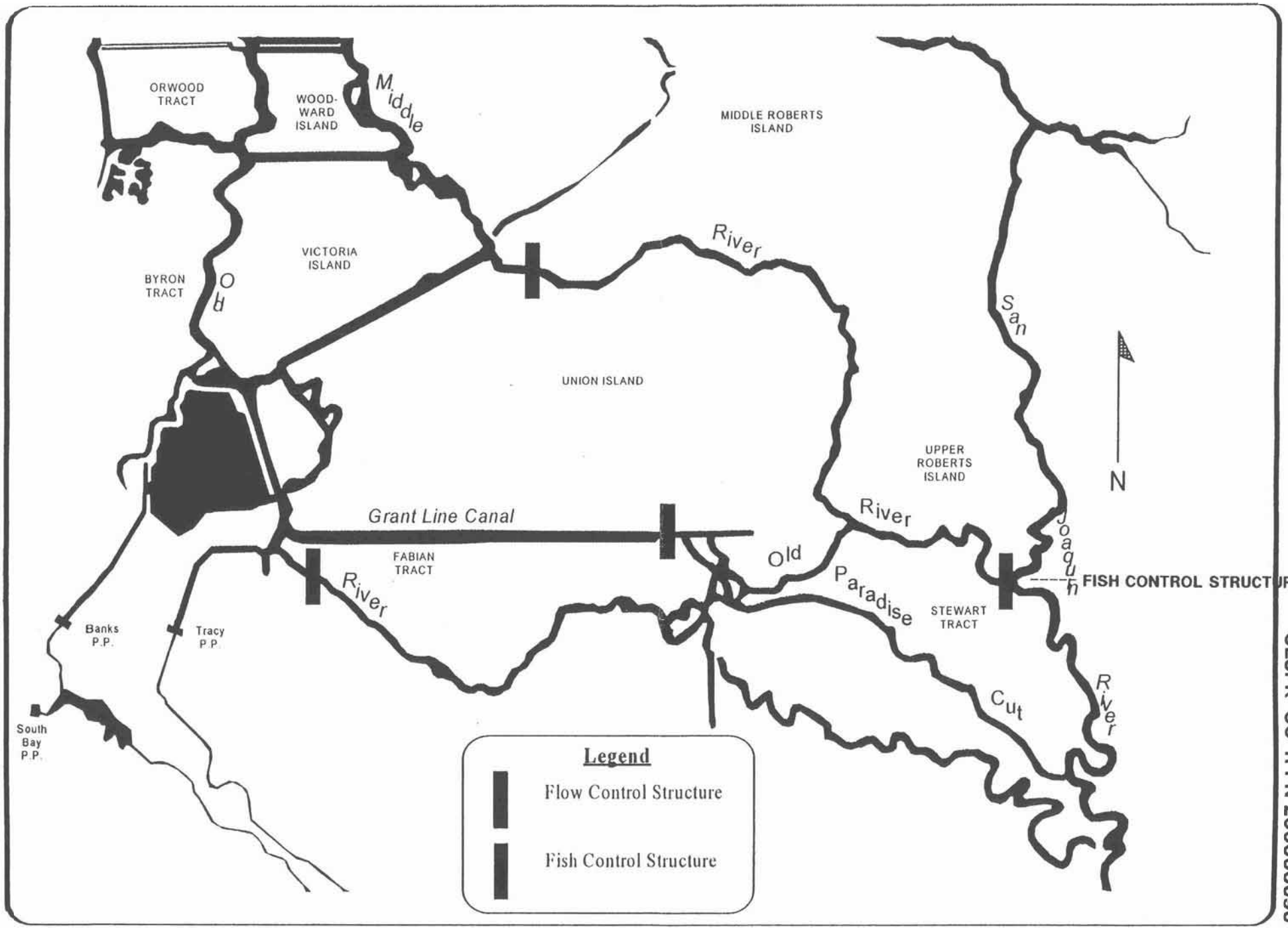
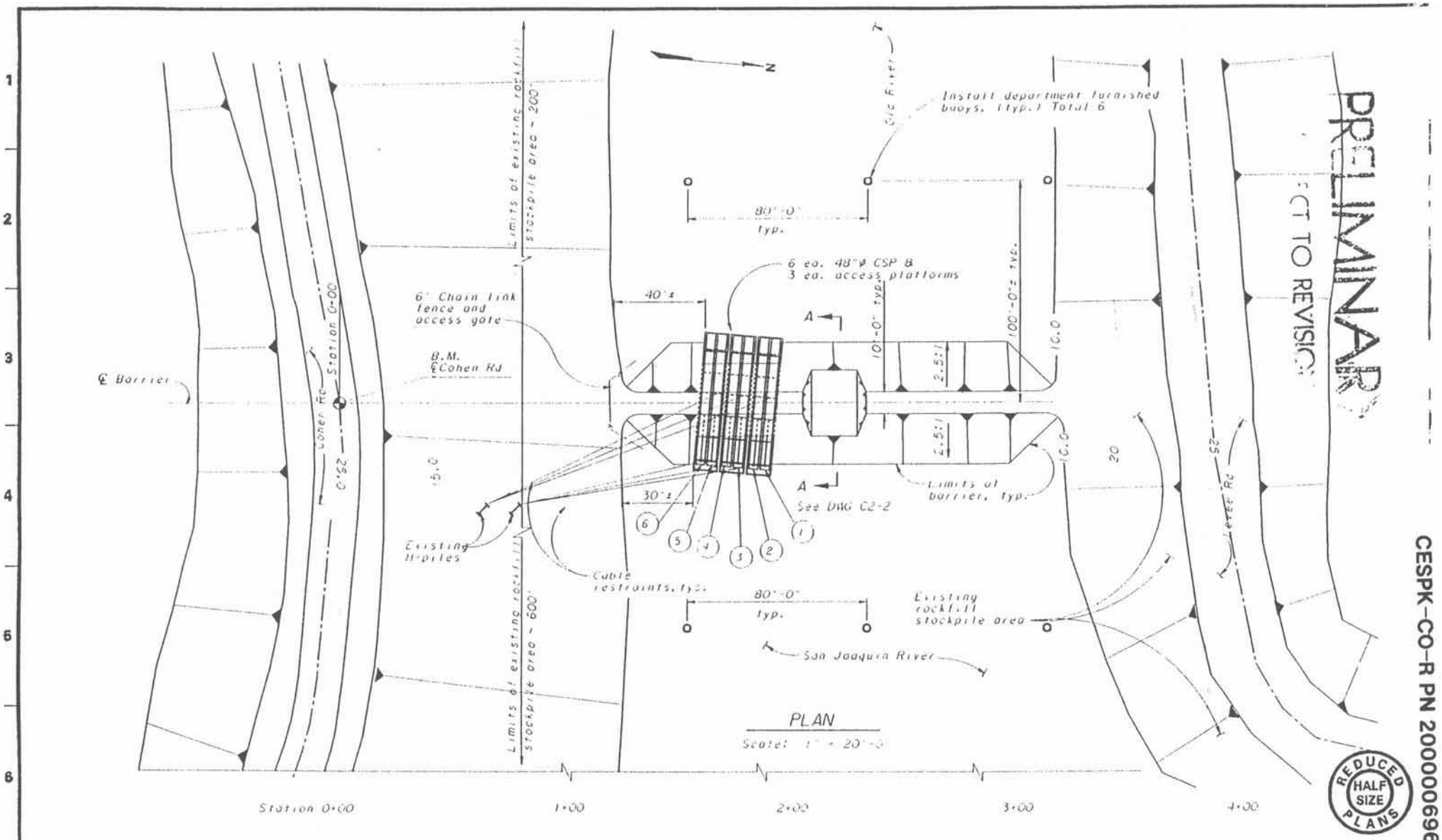


Delta Waterways



CESPK-CO-R PN 200000696



CESPK-CO-R PN 200000696

REV.	DATE	DESCRIPTION	BY	APP'D

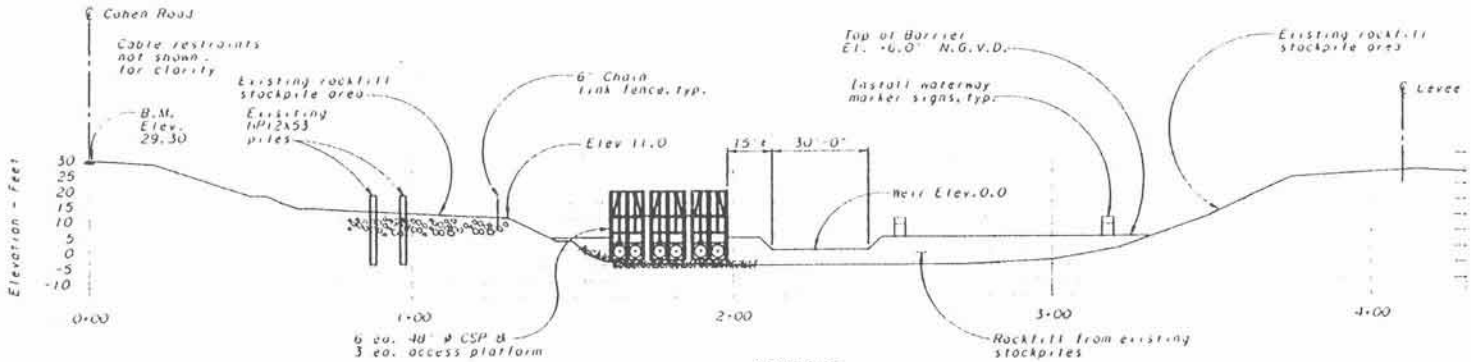
DESIGNED | CHECKED | DRAWN | REVIEWED | SUBMITTED | APPROVAL RECOMMENDED | APPROVAL RECOMMENDED | APPROVED | DATE

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

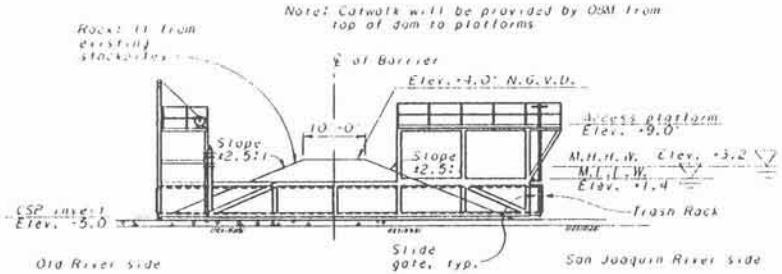
SPEC. NO.
DRAWING NO. C2-1
REV. | SHEET NO. 4

A B C D E F G H



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

PRELIMINARY SUBJECT TO REVISION

CESPK-CO-R PN 200000696

REV	DATE	DESCRIPTION	SUB	APP'D

DESIGNED | CHECKED | DRAWN | REVIEWED | SUBMITTED

APPROVAL RECOMMENDED: APPROVAL RECOMMENDED: APPROVED: DATE:

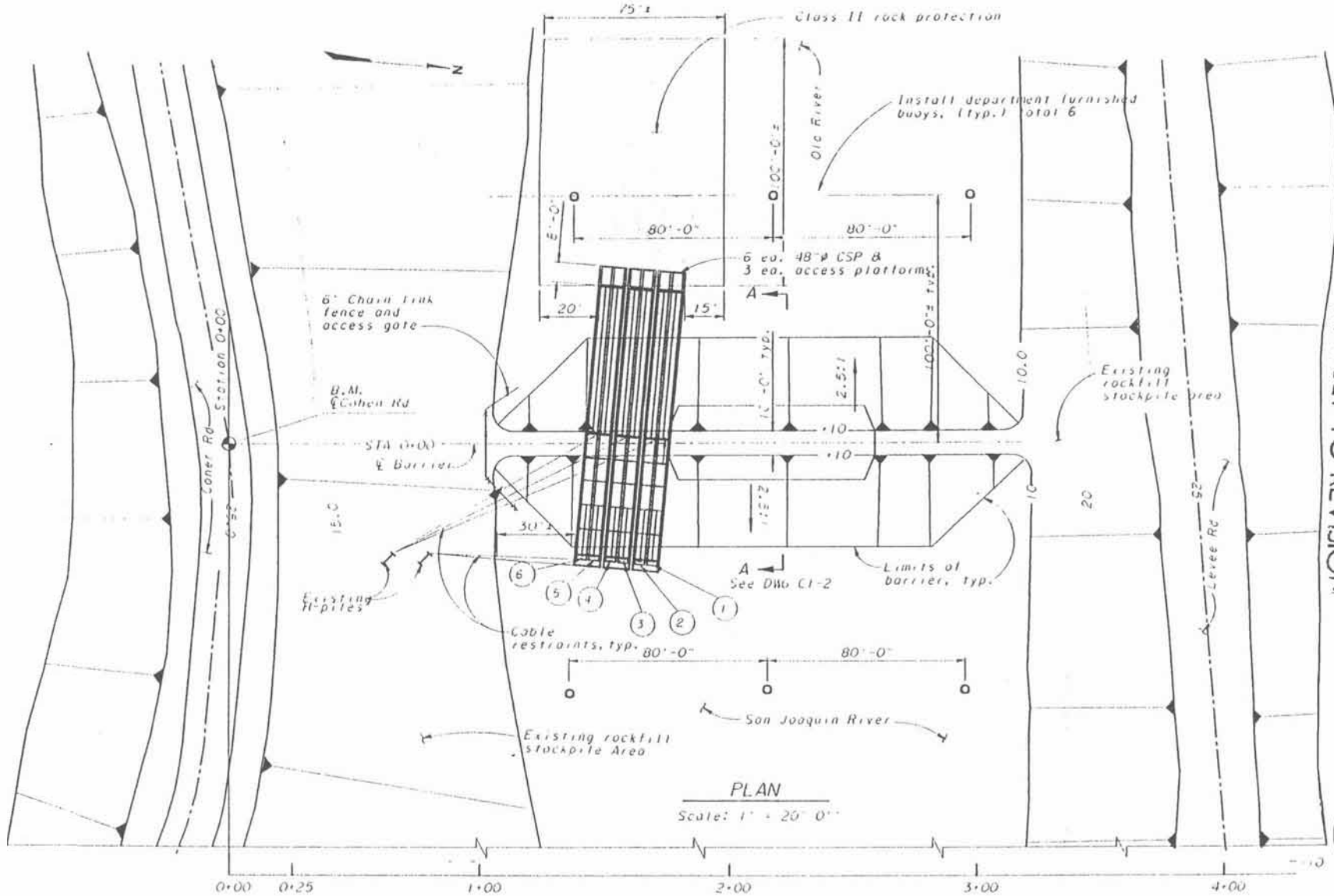
STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF ENGINEERING
STATE WATER FACILITIES

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

DRAWING NO. C2-2
SHEET NO. 5

A B C D E F G H

CESPK-CO-R PN 200000696



PRELIMINARY

SUBJECT TO REVISION

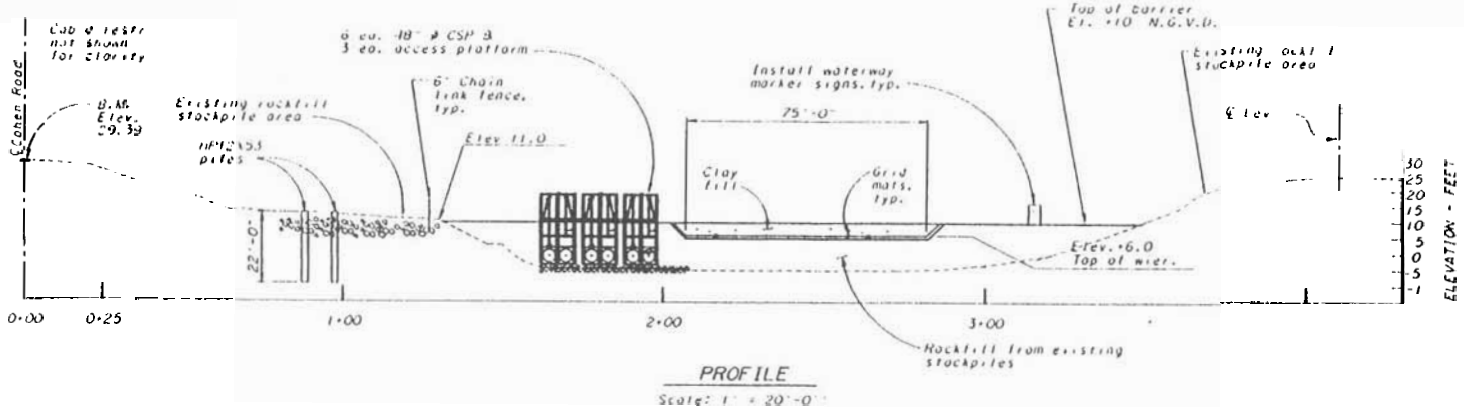
REDUCED HALF SIZE PLANS

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

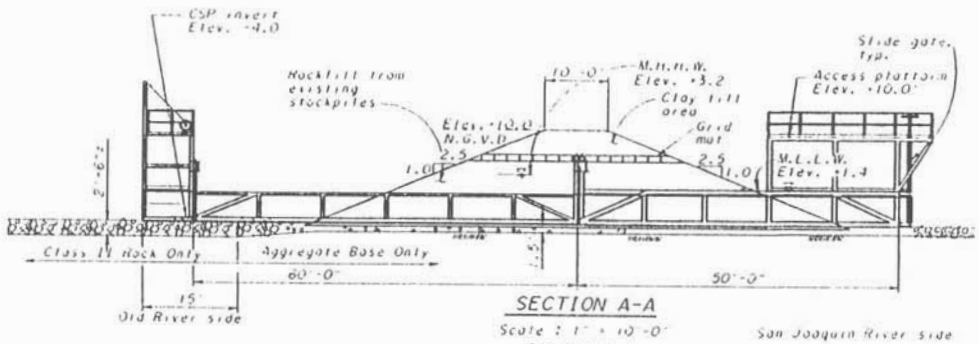
C1-1

2



PROFILE

Scale: 1" = 20'-0"



SECTION A-A

Scale: 1" = 10'-0"

See DWG C1-1

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. +3.5 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

1" = 10' SCALE OF FEET

1" = 20' SCALE OF FEET

PRELIMINARY
SUBJECT TO REVISION

REDUCED HALF SIZE PLANS

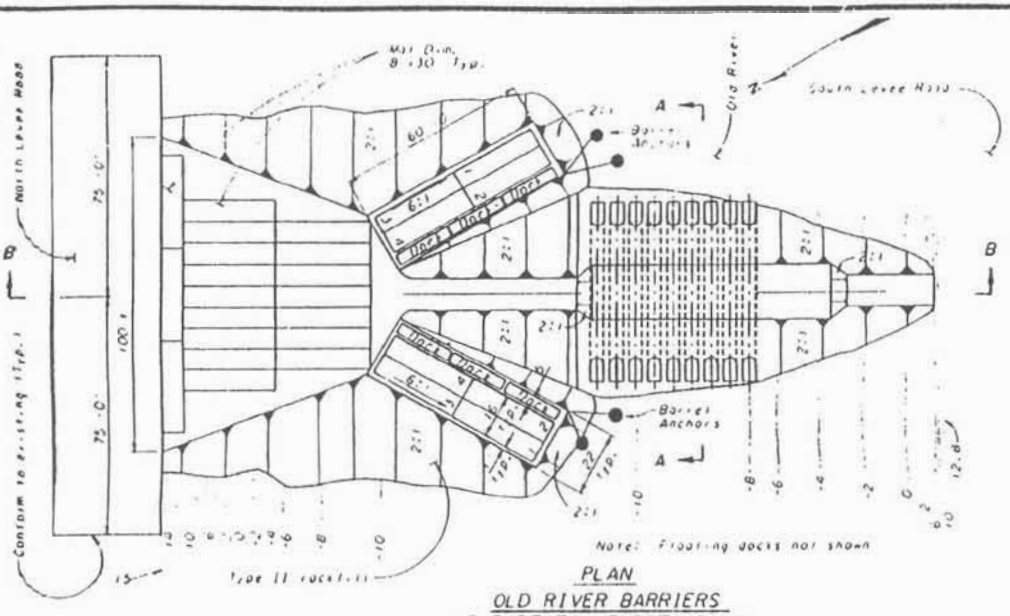
CESPK-CO-R PN 200000696

DESIGNED	CHECKED	APPROVAL RECOMMENDED:	STATE OF CALIFORNIA THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES DIVISION OF ENGINEERING STATE WATER FACILITIES
DRAWN	REVIEWED	APPROVAL RECOMMENDED:	
SUBMITTED:		APPROVED: DATE:	

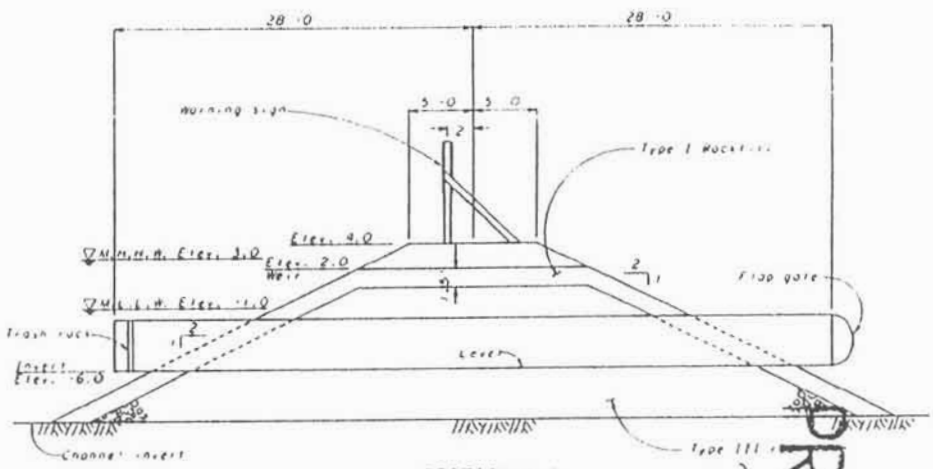
SOUTH DELTA INTERIM FACILITIES
TEMPORARY ROCK BARRIERS 2001, 2002 AND 2003
OLD RIVER AT SJR (SPRING)
PROFILE AND SECTION

C1-2

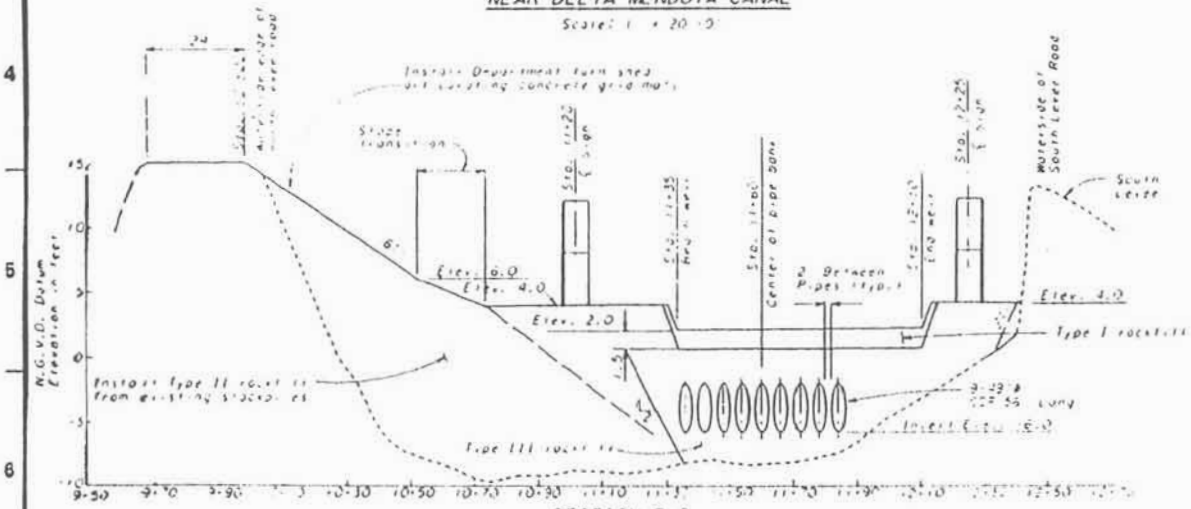
3



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



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



SECTION B-B
Scale: Hor. 1" = 5'-0" Vert. 1" = 2'-0"

PRELIMINARY
SUBJECT TO REVISION

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

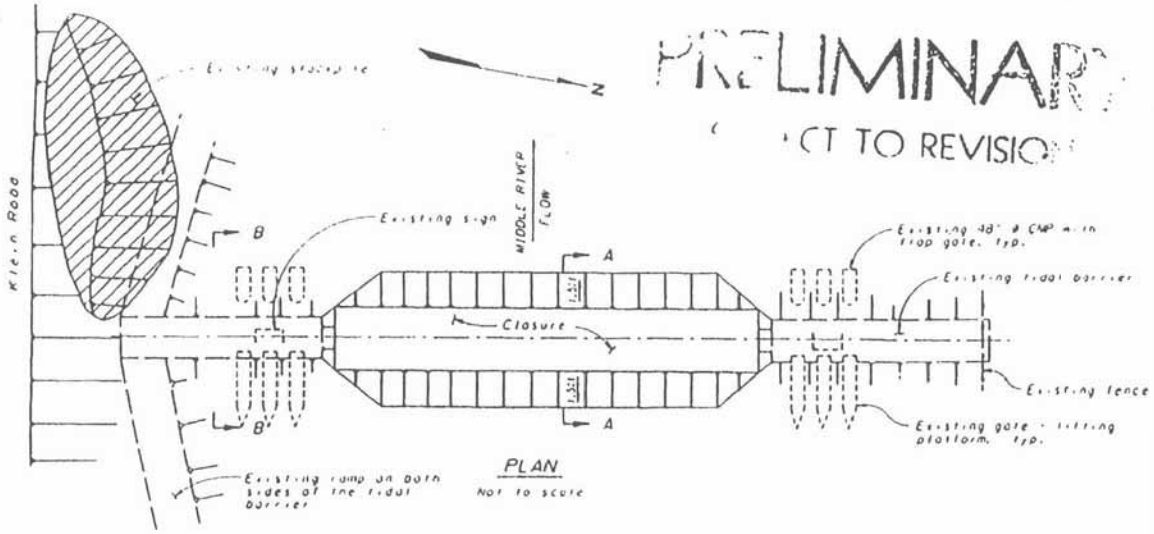
REDUCED PLANS HALF SIZE

CESPK-CO-R PN 200000696

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	DRAWING NO. C3-1	SHEET NO. 8

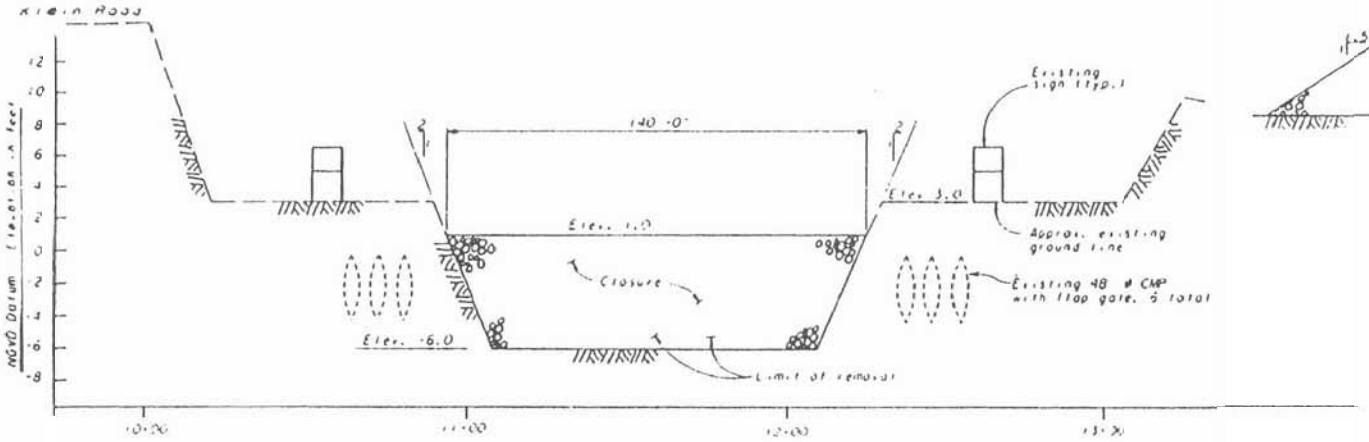
PRELIMINARY

SUBJECT TO REVISION



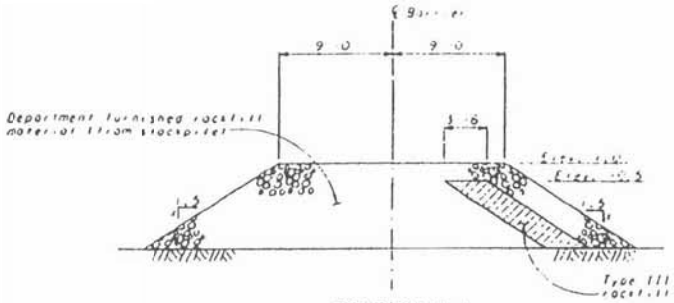
PLAN

Not to scale



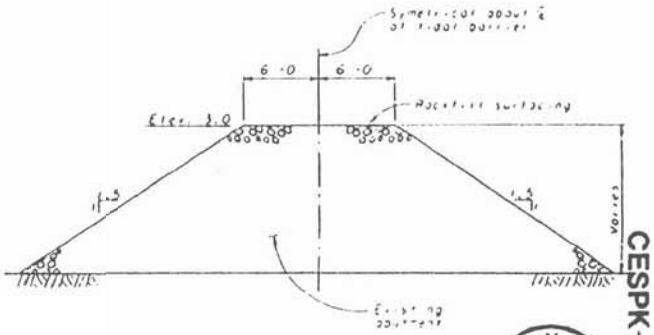
BARRIER PROFILE - FACING DOWNSTREAM

Scale: vertical 1" = 4
horizontal 1" = 20



SECTION A-A

Scale: 1" = 5



SECTION B-B

Scale: 1" = 5

REDUCED HALF SIZE PLANS

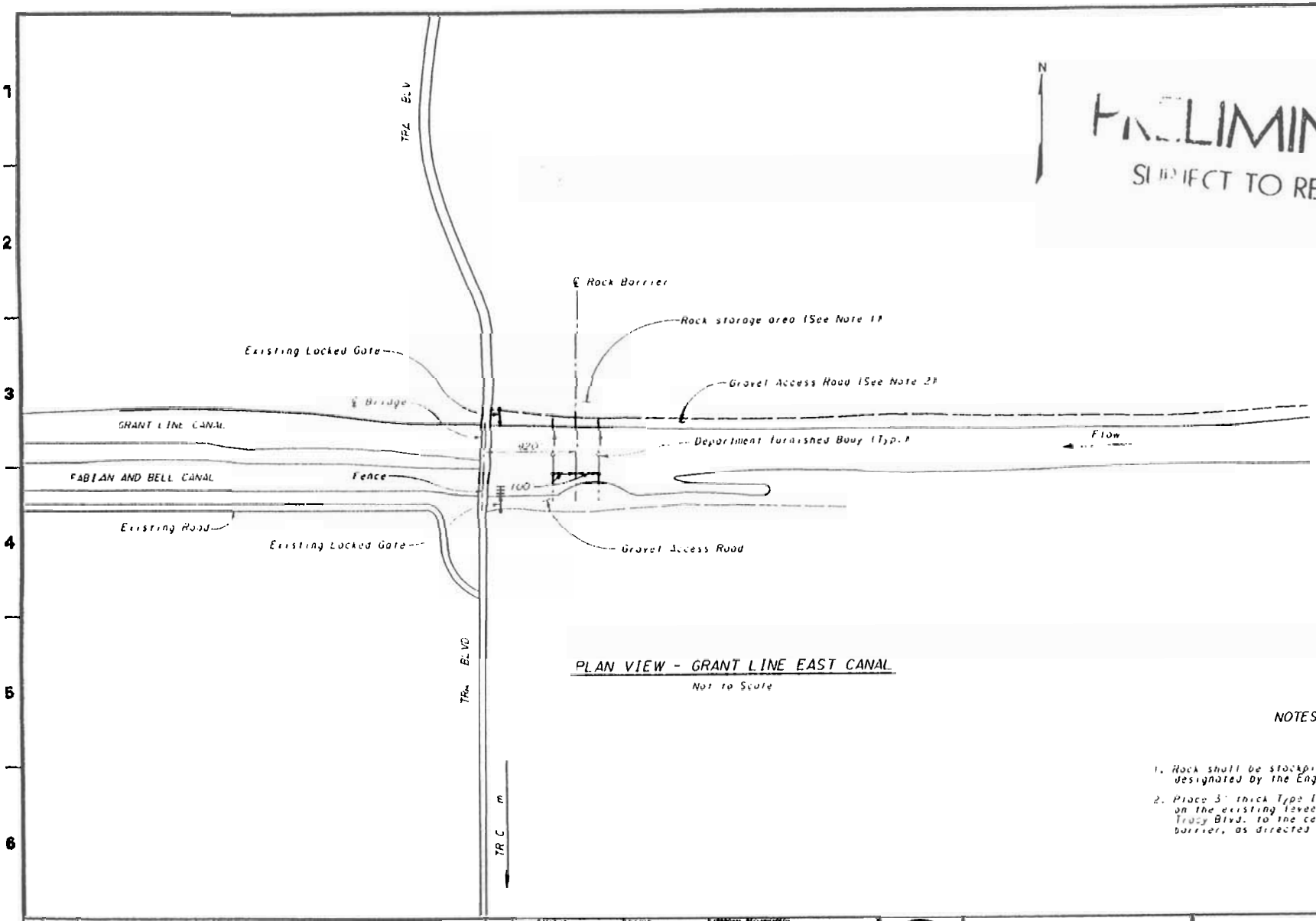
NOTES

1. Elevations shown are based on NGVD of 1929.
2. Depth of soil:
   M.H.H.W. = Mean higher high water
   M.H.W. = Mean high water
   M.L.W. = Mean low water
3. 36" = ¼ ø IP adjacent to the north edge of Klein Road approx. 12 ft. west of the ℄ of barrier at El. 13.92 feet NGVD.

CESPK-CO-R PN 200000696

			DESIGNED	CHECKED	APPROVAL RECOMMENDED	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
			DRAWN	REVIEWED	APPROVAL RECOMMENDED		C4-1
			SUBMITTED		APPROVED DATE		7
No.	DATE	DESCRIPTION	DWN	APP'D			

A B C D E F G H



PLAN VIEW - GRANT LINE EAST CANAL

Not to Scale

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.

REDUCED PLANS HALF SIZE

CESPK-CO-R PN 200000696

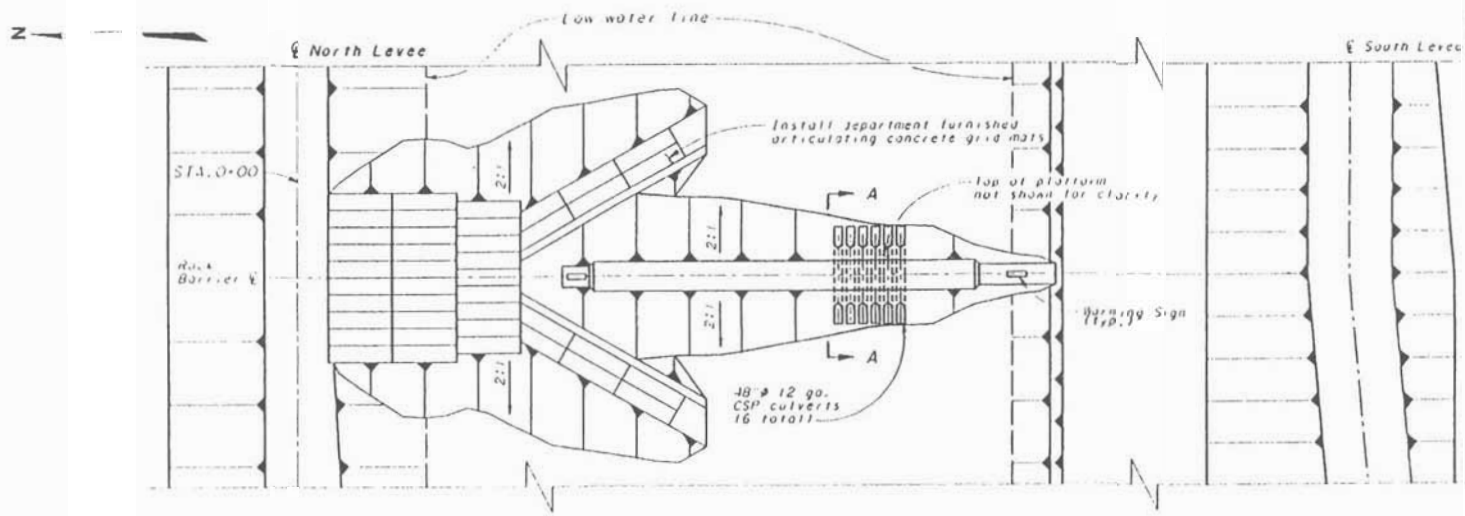
DESIGNED	CHECKED	APPROVAL RECOMMENDED:	
DRAWN	REVIEWED	APPROVAL RECOMMENDED:	
	SUBMITTED	APPROVED: DATE	

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

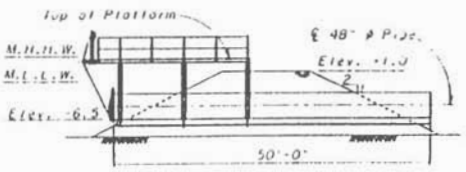
SOUTH DELTA INTERIM FACILITIES
TEMPORARY ROCK BARRIERS - 2001, 2002 AND 2003
GRANT LINE CANAL
BARRIER LOCATION AT TRACY BLVD. BRIDGE

SPEC. NO
DRAWING NO Cb-1
REV B

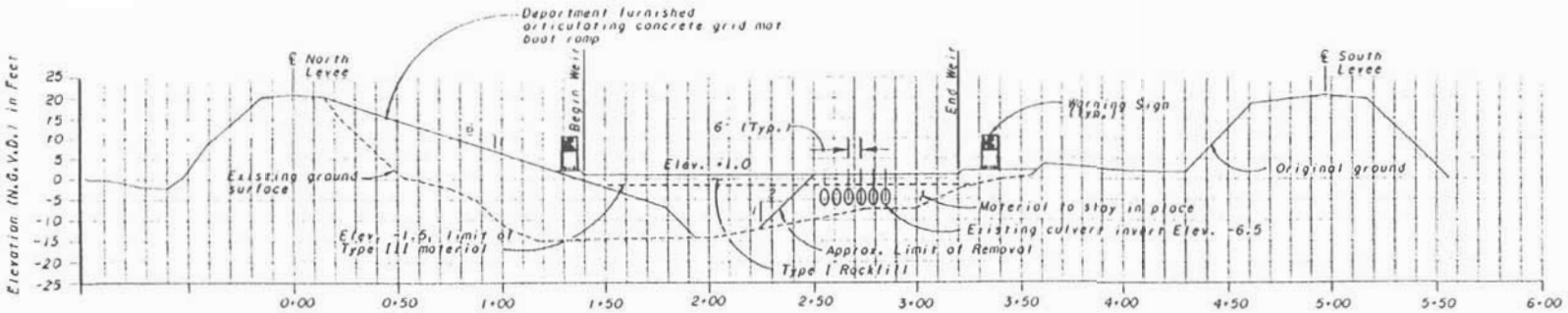
PRELIMINARY
SUBJECT TO REVISION



BARRIER PLAN VIEW
Scale: 1" = 30'



SECTION A-A
Scale: 1" = 10'



BARRIER ELEV. AT CENTERLINE
Scale: Vert: 1" = 15'
Horiz. 1" = 30'

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.

REDUCED HALF SIZE PLANS

CESPK-CO-R PN 200000696

SCALE OF FEET

DESIGNED	CHECKED	APPROVAL RECOMMENDED:		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.	
DRAWN	REVIEWED	APPROVAL RECOMMENDED:				DRAWING NO. C6-2	
SUBMITTED:		APPROVED:	DATE:			REV.	PAGE NO. 9