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UNIT NO. 9 OF THE
SACRAMENTO RIVER
FLOOD CONTROL PROJECT
SUPPLEMENT TO STANDARD
OPERATION AND MAINTENANCE
MANUAL

WEST LEVEE SACRAMENTO RIVER
AT BRYTES BEND



SACRAMENTO DISTRICT
CORPS OF ENGINEERS
U. S. ARMY
SACRAMENTO, CALIFORNIA

FILE COPY

Unit No. 9 of the
Sacramento River Flood Control Project
West Levee of the Sacramento River, at Brytes Bend, California

Supplement to
Standard
Operation and Maintenance Manual

Sacramento District
Corps of Engineers
U. S. Army
Sacramento, California

Unit No. 9 of the
Sacramento River Flood Control Project

West Levee of the Sacramento River, at Brytes Bend, California

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<u>Exhibits</u>		
"B"	As Constructed Drawings No. 50-4-2275, in 2 sheets, and No. 50-4-2273 in 1 sheet, dated March 1946.	
"E"	Check List No. 2, in 1 sheet	
"F"	Resolution adopted by The Reclamation Board 5 December 1946.	

Unit No. 9 of the
Sacramento River Flood Control Project
Subject to Flood Control Regulations

1. Levees

(a) Description. Unit No. 9 of the flood control works described below forms an integral part of the Sacramento River Flood Control Project. It consists of a portion of the West Levee of the Sacramento River at Brytes Bend as shown on the attached Drawings 50-4-2275, 2 sheets, and 50-4-2273, 1 sheet, and dated March 1946, (Exhibit "B").

Under the program provided by the Sacramento River Flood Control Project a portion of this levee has been enlarged, a set back portion has been built, a hydraulic fill was shaped and dressed and a highway was re-aligned and surfaced as shown on Exhibit "B", plates 1 and 2. Construction also included a necessary drainage structure, road approaches and appurtenances. The drainage structure is listed in Exhibit "E".

(b) Location. The levee is located along the westerly bank of the Sacramento River at Brytes Bend, approximately 3.5 miles northerly of Sacramento, California. The project extends from Sta. 20/00 to Sta. 70/70, a total distance of 5,070 feet.

(c) Protection Afforded. The levee provides direct protection against high water of the Sacramento River and its tributaries in this area. The grade of the adopted flood profile along the main channel of the Sacramento River is level at Elevation 36.0 (All elevations are referred to U.S.C.E. Datum). The levee grade provides a freeboard of six feet above the flood profile. It is estimated that a flood flow of 95,000 second feet in the main channel of the Sacramento River at "I" Street Bridge, immediately below the mouth of the American River, will produce the adopted flood profile.

(d) Contractor. The construction work on the levee described above was done by A. Teichert and Son, Inc., Contractors, under Contract No. W-04-167-eng-1145, a copy of which is on file in the U. S. Corps of Engineers Office, Sacramento District, Sacramento, California.

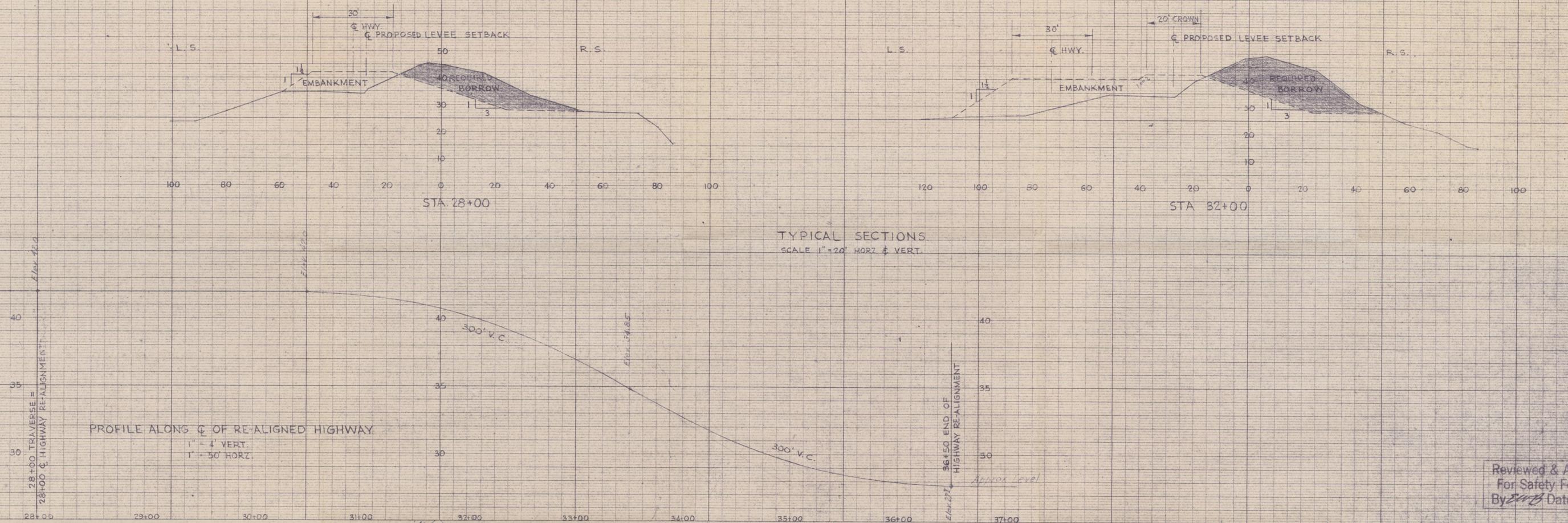
(e) Beginning and Completion of Construction. Construction was started on 21 May 1946, and completed on 5 March 1947.

(f) Outstanding Construction Features. In general, all construction features are based on standard plans and specifications, and the details are fully covered in the attached drawings listed below. (See Exhibit "B").

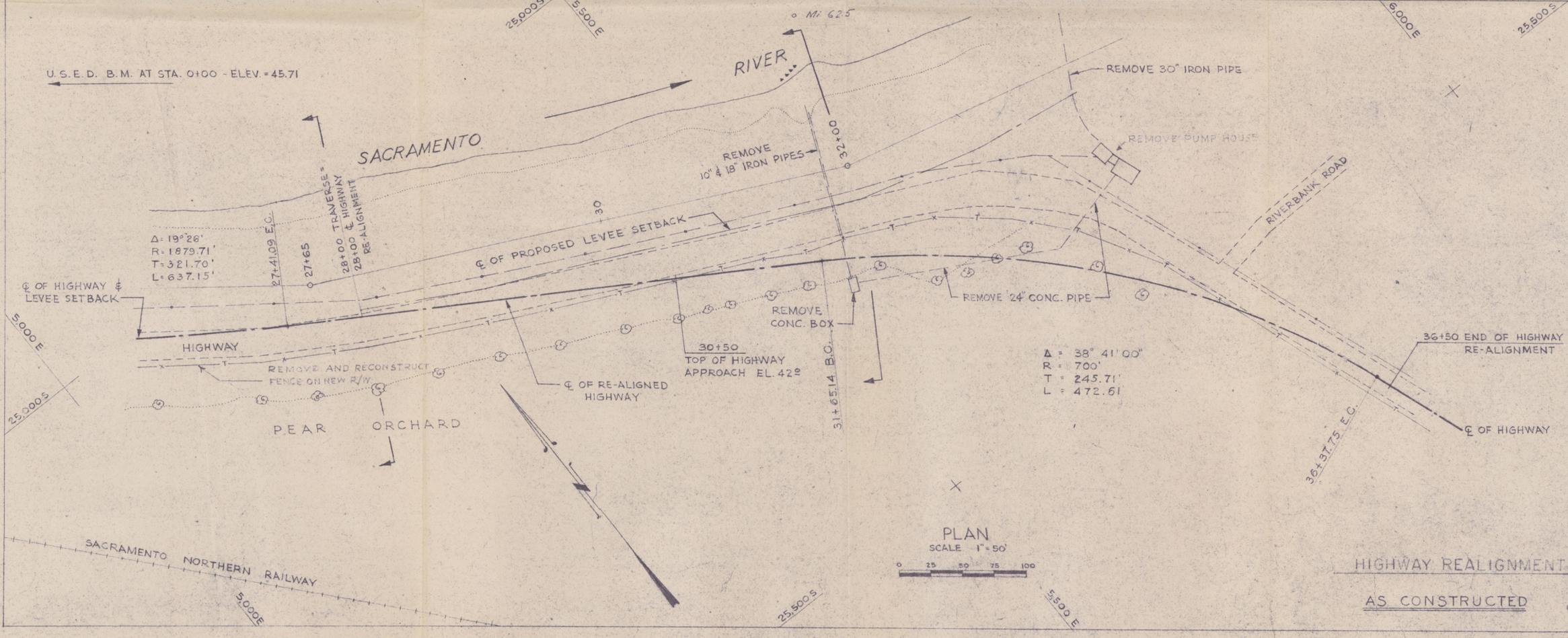
<u>File No.</u>	<u>Title</u>
50-4-2275	Levee construction, West Levee Sacramento River, at Brytes Bend.
50-4-2273	Pump unit and supporting timber structure

2. Maintenance and Operation. The levees and drainage structures referred to above should be maintained and operated in accordance with Title 33 - Navigation and Navigable Waters, Part 208 - Flood Control Regulations, as covered by Exhibit "A" sheets 1 and 2 of the Standard Operations and Maintenance Manual for the Sacramento River Flood Control Project, copies of which may be obtained from office of the District Engineer, Corps of Engineers, Sacramento.

The responsibility for the maintenance and operation of this unit of levee was accepted by the Reclamation Board of the State of California on 5 December 1946, as shown on the attached resolution, Exhibit "F".

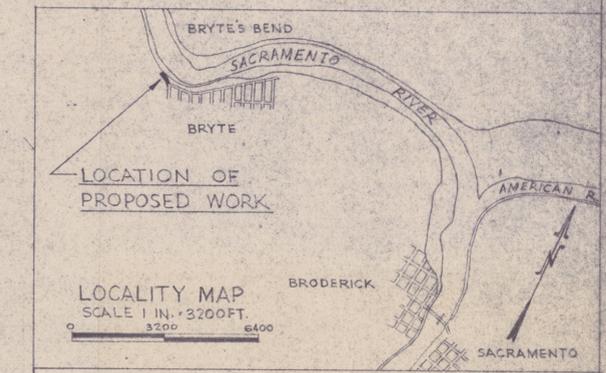


Reviewed & Approved
For Safety Features
By *[Signature]* Date 3/22/46



TOE OF LEVEE TRAVERSE
 ϕ OF HIGHWAY RE-ALIGNMENT
FENCE
TELEPHONE LINE
POWER TRANSMISSION LINE
EXISTING PILES

ALL ELEVATIONS ARE REFERRED TO U. S. E. D. DATUM - MEAN LOWER LOW WATER SUISUN BAY - 3.6 FT. BELOW MEAN SEA LEVEL.



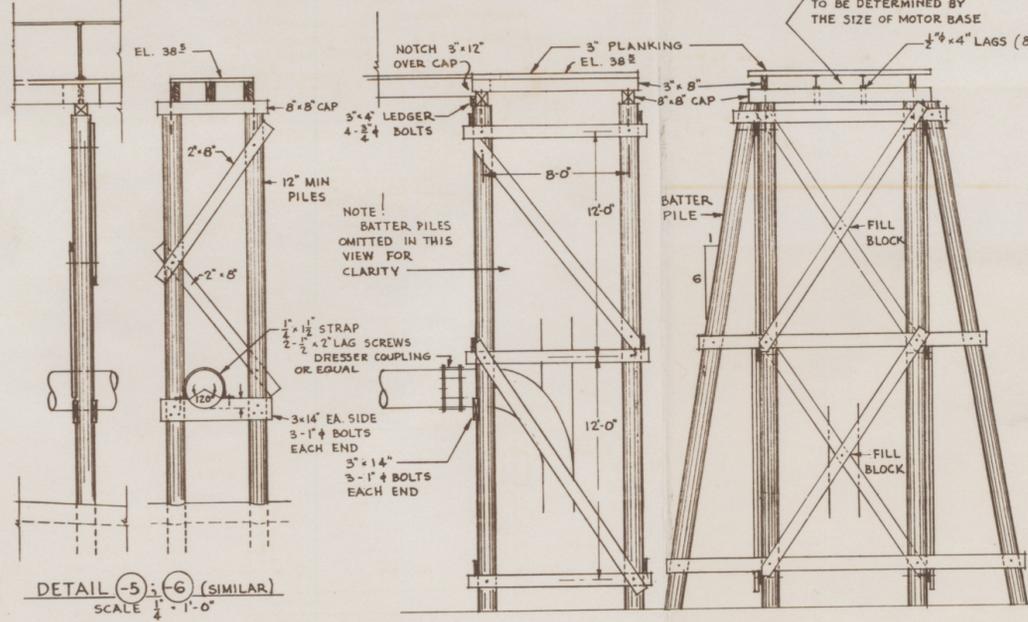
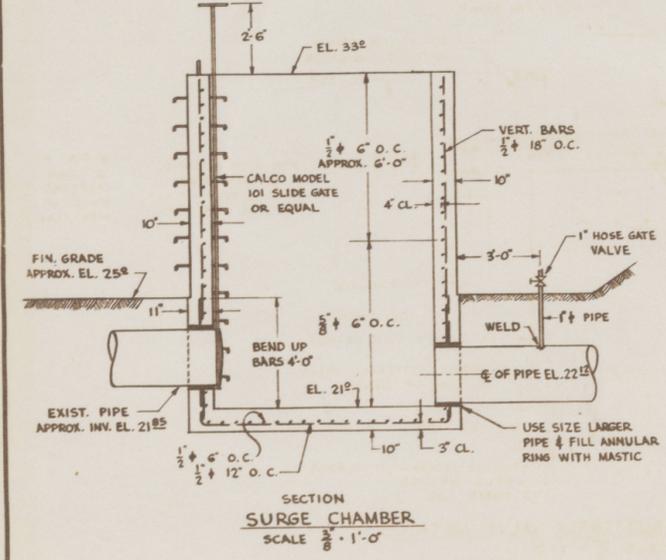
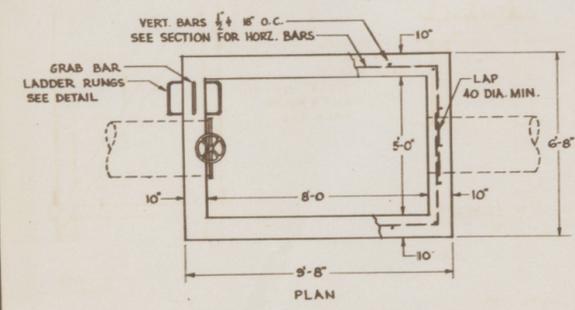
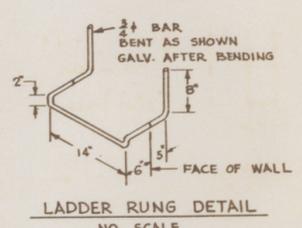
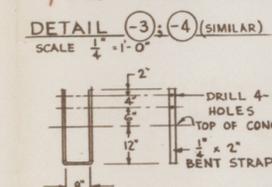
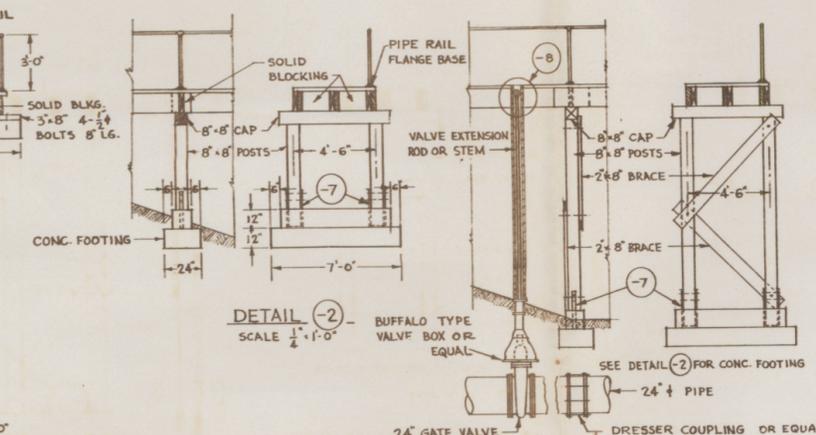
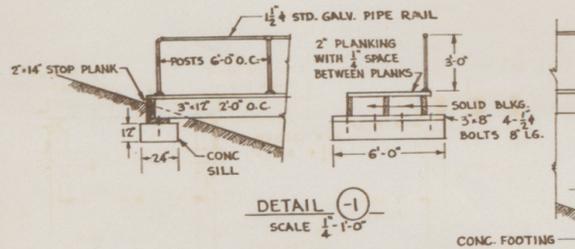
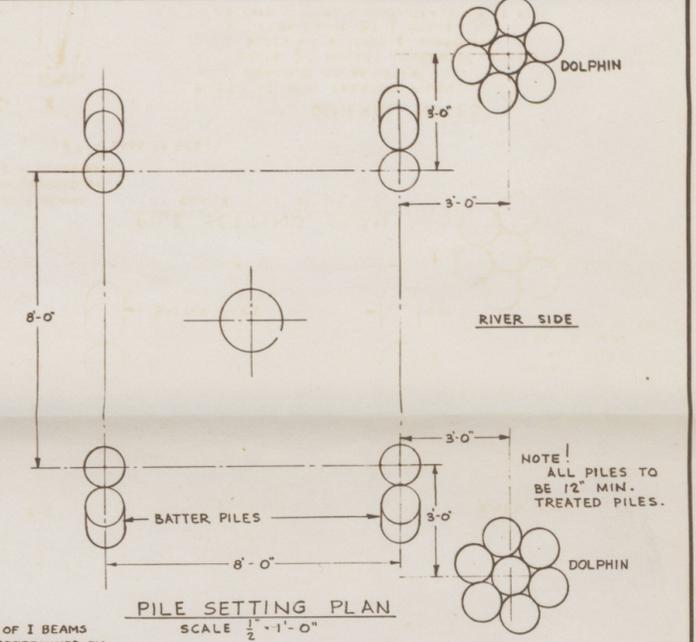
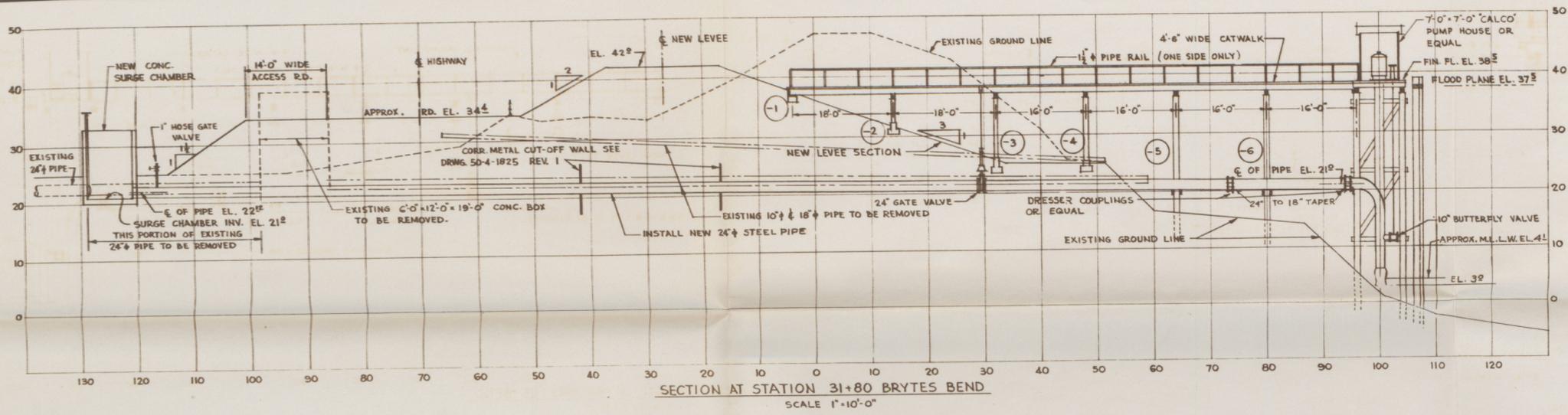
SACRAMENTO RIVER, CALIFORNIA
FLOOD CONTROL PROJECT
PROPOSED LEVEE CONSTRUCTION
WEST LEVEE SACRAMENTO RIVER
AT BRYTE'S BEND

IN 2 SHEETS SCALE AS SHOWN SHEET NO. 1
U. S. ENGINEER OFFICE SACRAMENTO, CALIFORNIA MARCH 1946

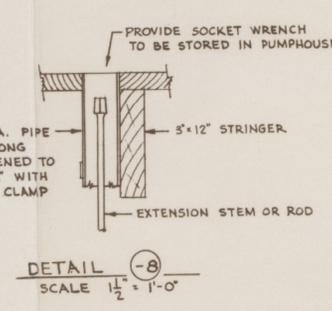
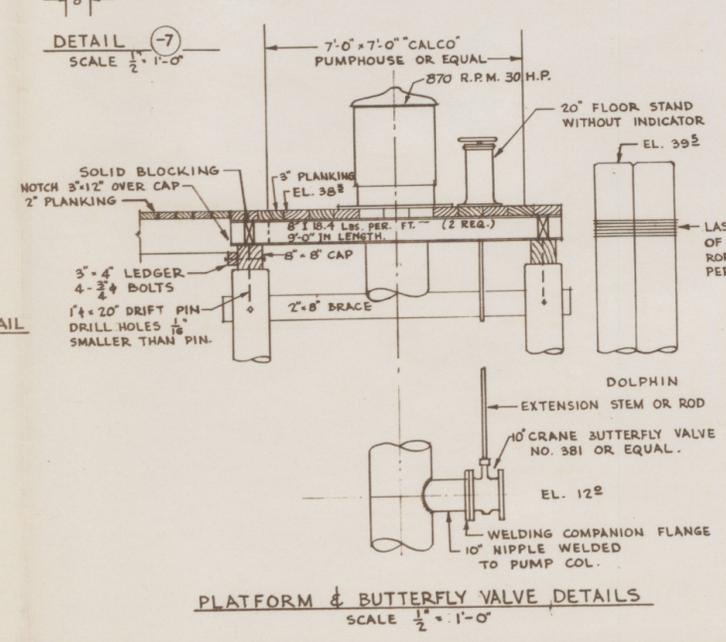
PREPARED BY: *J. H. Krohn* HEAD OF SECTION
SUBMITTED BY: *Robert [Signature]* HEAD OFFICE SERVICE DRAWING
APPROVED FOR THE DISTRICT ENGINEER: *[Signature]* HEAD ENGINEERING DIV.

DR. T. E. B. TR.	FILE	DIV.	CH. INK.
50	4	2275	

MAJOR, CORPS OF ENGINEERS, U. S. A.



GENERAL NOTES
 PILES: 12" MIN. TREATED PILES.
 ALL BRACING TO BE 2" x 8"
 ALL BOLTS 3/4" UNLESS OTHERWISE NOTED.
 SOLID BLOCKING AT CAPS & SUPPORTS
 2" x 3" X-BRIDGING AT 1/3 SPANS.
 8" x 8" CAPS TO PILES & POST. 1" x 20" DRIFT PINS.



Reviewed & Approved
 For Safety Features
 By *[Signature]* Date 3/22/46

AS CONSTRUCTED

**SACRAMENTO RIVER, CALIFORNIA
 FLOOD CONTROL PROJECT
 PUMP UNIT & SUPPORTING TIMBER STRUCTURE
 WEST LEVEE SACRAMENTO RIVER
 AT BRYTE'S BEND**

IN 1 SHEET INDICATED SCALE REDUCED TO HALF SIZE SHEET NO. 1
 U. S. ENGINEER OFFICE, SACRAMENTO, CALIFORNIA. MARCH, 1946

PREPARED: *[Signature]* SUBMITTED: *[Signature]* RECOMMENDED: *[Signature]*
 HEAD, LEVEE SECTION HEAD, OFFICE SERVICE BRANCH HEAD, ENGINEERING DIVISION
 APPROVED FOR THE DISTRICT ENGINEER *[Signature]* DR. 7-9 TR. 7-8 CH. JNK
 DOC. FILE FILE DIV. DRAWING
 MAJOR, CORPS OF ENGINEERS, U.S.A. **50 4 2273**

CHECK LIST NO. 2

The drainage structure is located on the westerly bank of the Sacramento River at Brytes Bend, approximately 3.5 miles northerly of Sacramento, California, as shown on Drawing No. 50-4-2275, sheet 2.

HIGHWATER PERIOD. This term is used under Paragraph 4-02 (c) 3b of the Standard Operation and Maintenance Manual; it applies to floods rising above the reading of 34.5 on the U. S. Department of the Army and the Division of Water Resources cooperative station on pile dolphin on right bank of Sacramento River 100 feet downstream of Sacramento Weir. Zero of this gage is set to Elevation 0.0 U.S.C.E. Datum.

Location (station)	Steel Pipe	Description	Elevation Riverside Invert
31 / 80	24"	24" Steel Pipe with 16" vertical propellor pump and surge chanber	20.0

R E S O L U T I O N

PASSED AND ADOPTED BY THE RECLAMATION BOARD

DECEMBER 5, 1946

WHEREAS The Reclamation Board has heretofore approved of an item of "new construction" being the West Levee of the Sacramento River at Brytes Bend, in Reclamation District No. 811, Yolo County; and

WHEREAS the War Department, Corps of Engineers, District Engineer, Sacramento District, under date of 20 November 1946, has notified The Reclamation Board of the completion of such levee enlargement, set back and construction and has transferred such levee to the State of California for maintenance and operation by the proper local interests; and

WHEREAS the Chief Engineer of The Reclamation Board has caused to be made an inspection on the ground of an item of new construction as specified above, and has found and determined that such work, as completed, has been prosecuted and carried out in conformance with plans and specifications therefor; now therefore be it

RESOLVED AND ORDERED the The Reclamation Board does hereby accept for the State of California the said item of "new construction" as aforesaid, which has on the date above set forth been transferred to said Board by the War Department, U. S. District Engineer; and be it further

RESOLVED AND ORDERED that the West Levee of the Sacramento River at Brytes Bend, together with the berms and appurtenant structures thereof be turned over to Reclamation District No. 811 for maintenance and operation, as the legally authorized function of said District.

STATE OF CALIFORNIA)
COUNTY OF SACRAMENTO) SS
Office of The Reclamation Board)

I, S. A. HONAKER, Assistant Secretary of the Reclamation Board, do hereby certify that the above and foregoing is a true and correct copy of a Resolution made by said Board at its meeting held December 5, 1948.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of The Reclamation Board this 11th day of December, 1946.

/s/ S. A. Honaker
S. A. HONAKER
Assistant Secretary
The Reclamation Board