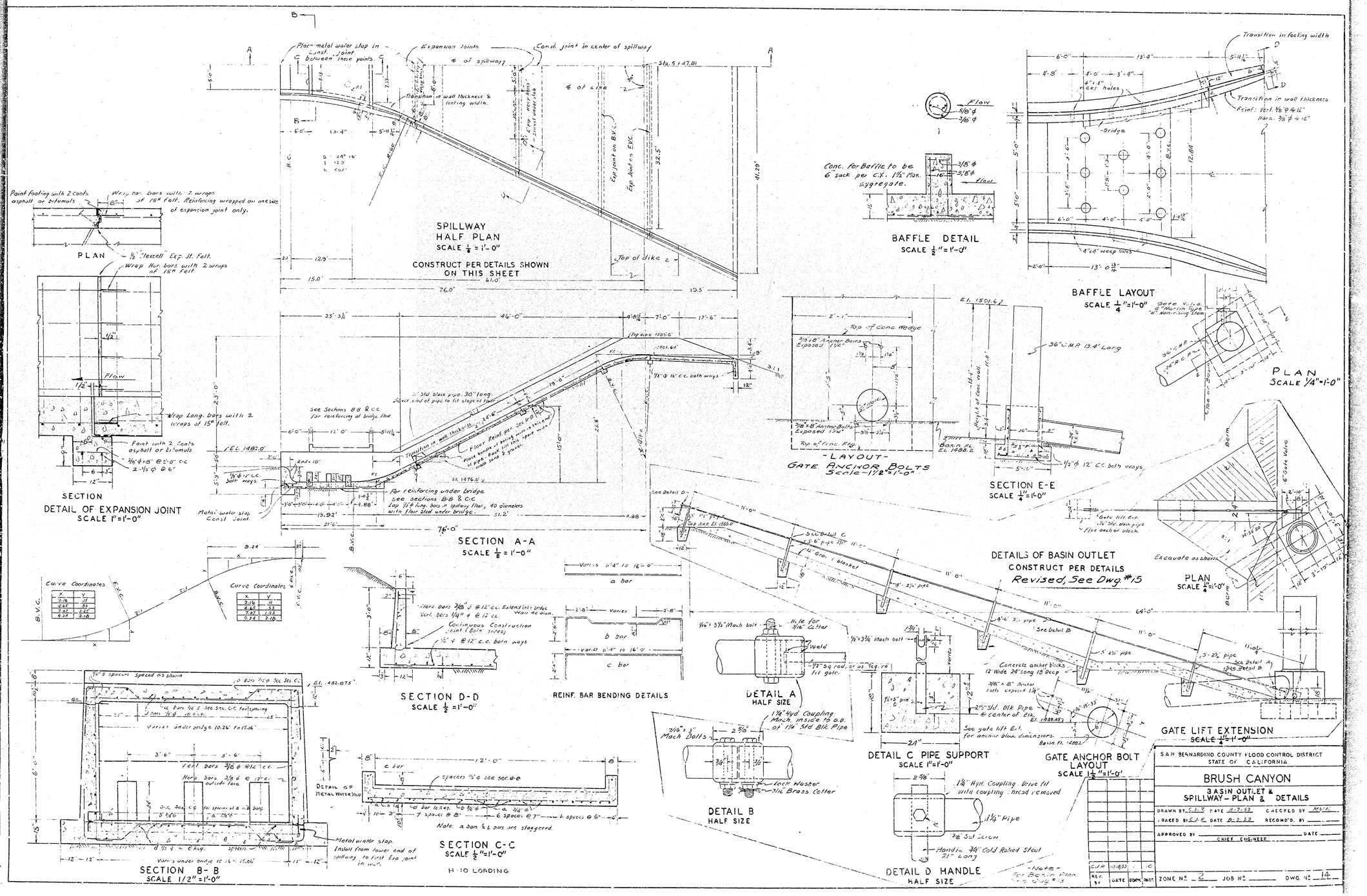
SPILLWAY HALF PLAN
SCALE 1/8" = 1'-0"
CONSTRUCT PER DETAILS SHOWN ON THIS SHEET
Place metal water stop in Const. joint between these points.
Expansion joints
Const. joint in center of spillway
Transition in wall thickness & footing width.
Exp. joint on B.V.C.
Exp. joint on E.V.C.
Top of dike
PLAN
SECTION
DETAIL OF EXPANSION JOINT
SCALE 1"=1'-0"
Paint footing with 2 coats asphalt or bitumuls
Wrap hor. bars with 2 wraps of 15# felt. Reinforcing wrapped on one side of expansion joint only.
1/2" Flexcell Exp. Jt. Felt.
Wrap Hor. bars with 2 wraps of 15# felt
Wrap Long. bars with 2 wraps of 15# felt.
Paint with 2 coats asphalt or bitumuls
Flow
SECTION A-A
SCALE 1/8" = 1'-0"
See Sections B-B & C-C for reinforcing of bridge floor
Floor Reinf. per Sec. D-D
For reinforcing under bridge see sections B-B & C-C
Metal water stop Const. Joint.
SECTION B-B
SCALE 1/2" = 1'-0"
SECTION C-C
SCALE 1/2" = 1'-0"
H-10 LOADING
SECTION D-D
SCALE 1/2" = 1'-0"
Horz. bars 3/8" ϕ @ 12" c.c. Extend into wall 40 diam.
Vert. bars 1/4" ϕ @ 12" c.c.
Continuous Construction joint (both sides)
1/2" ϕ @ 12" c.c. both ways
REINF. BAR BENDING DETAILS
Curve Coordinates
BAFFLE DETAIL
SCALE 1/2" = 1'-0"
Conc. for Baffle to be 6 sack per c.y. 1 1/2" Max. aggregate.
BAFFLE LAYOUT
SCALE 1/4" = 1'-0"
4"x4" weep holes
Transition in footing width
Transition in wall thickness
Reinf.: Vert. 3/8" ϕ @ 12"
Horz. 3/8" ϕ @ 12"
Bridge
PLAN
SCALE 1/4" = 1'-0"
-LAYOUT-
GATE ANCHOR BOLTS
Scale-1 1/2" = 1'-0"
SECTION E-E
SCALE 1/4" = 1'-0"
DETAILS OF BASIN OUTLET
CONSTRUCT PER DETAILS
Revised, See Dwg. #15
PLAN
SCALE 1/4" = 1'-0"
Excavate as shown
DETAIL A
HALF SIZE
DETAIL B
HALF SIZE
DETAIL C PIPE SUPPORT
SCALE 1" = 1'-0"
DETAIL D HANDLE
HALF SIZE
GATE ANCHOR BOLT LAYOUT
SCALE 1 1/2" = 1'-0"
GATE LIFT EXTENSION
SCALE 1/4" = 1'-0"
SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT
STATE OF CALIFORNIA
BRUSH CANYON
BASIN OUTLET & SPILLWAY - PLAN & DETAILS
DRAWN BY C.J.R. DATE 3-7-53
CHECKED BY M.N.L.
TRACED BY C.J.R. DATE 3-7-53
RECOM'D. BY
APPROVED BY CHIEF ENGINEER DATE
ZONE No. 2 JOB No. DWG No. 14