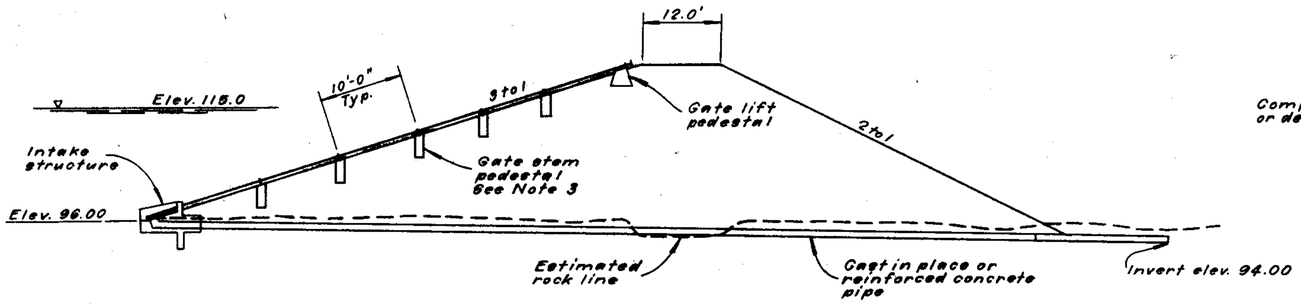
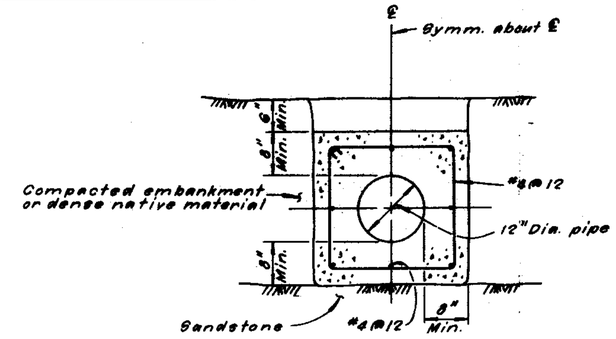
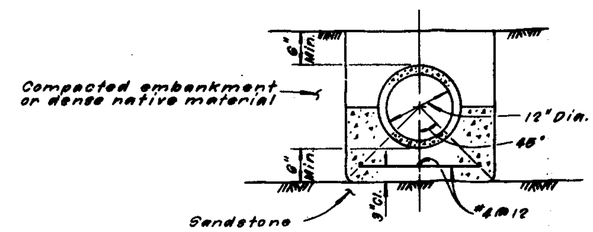


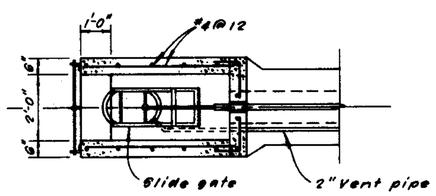
PROFILE - CENTERLINE OUTLET
Scale: 1"=10"



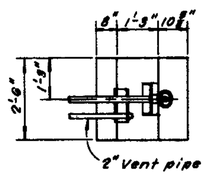
SECTION
CAST IN PLACE PIPE
Scale: 1"=1'



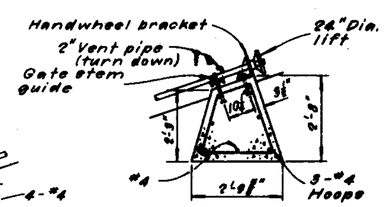
SECTION
REINFORCED CONCRETE PIPE
Scale: 1"=1'



PLAN

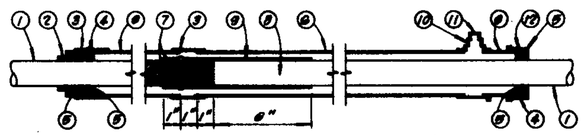


PLAN



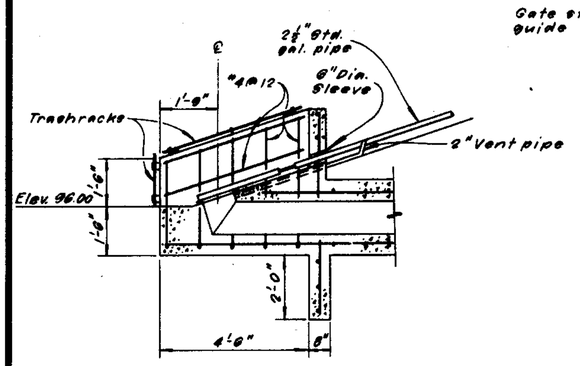
ELEVATION
GATE LIFT PEDESTAL
Scale: ½"=1'

1. 1½" Stainless steel stem.
2. 2½" Bronze bushing, drill to stem dia. with sliding fit.
3. 2½" Standard galvanized coupling.
4. ½" Braided waterproof flax or felt packing.
5. 2½" Steel washer, drill to fit stem dia. with sliding fit.
6. 2½" Standard galvanized pipe (splice as required)
7. 2-⅝"x3" Rivets peened to clear casing.
8. 1½" Carbon steel stem (All sections completely encased).
9. 1½" I.D. x 9" Long seamless steel tubing (2½" O.D.).
10. 2½"x1" Reducing tee.
11. 1" Filler plug.
12. 2½" Standard galvanized cap.

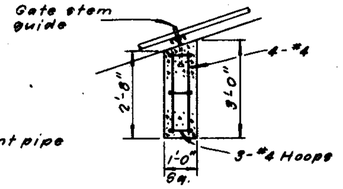


OIL SEAL — STEM SPLICE — WEATHER SEAL

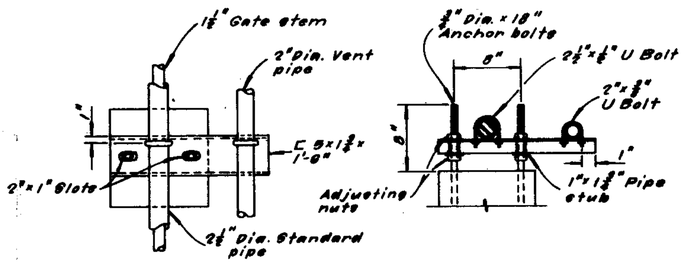
GATE STEM
Scale: 3"=1'



ELEVATION
INTAKE STRUCTURE
Scale: ½"=1'



GATE STEM PEDESTAL
Scale: ½"=1'

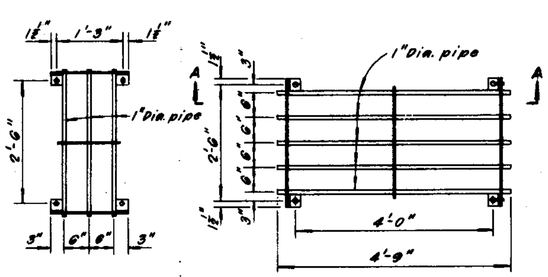


PLAN — ELEVATION

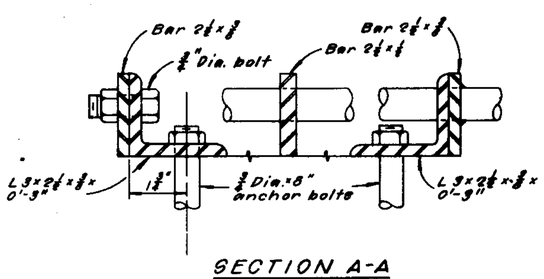
GATE STEM GUIDE
Scale: 1½"=1'

NOTES

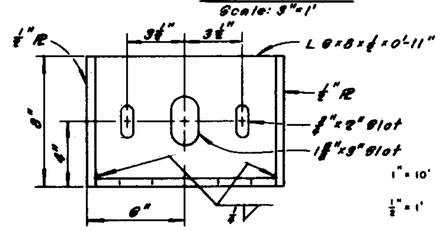
1. Outlet conduit alinement shall be located in the field after stripping operations and after the embankment cutoff trench is excavated.
2. All exposed metalwork, including anchor bolts, to be galvanized unless otherwise noted.
3. Gate stem pedestals may be omitted at the Contractor's option if the entire gate stem is installed in the compacted embankment.
4. Fill gate stem sleeve with #20 SAE oil.



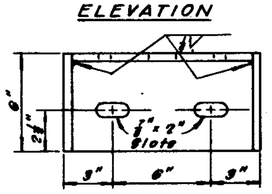
TRASH RACK
Scale: ¾"=1'



SECTION A-A
Scale: 6"=1'

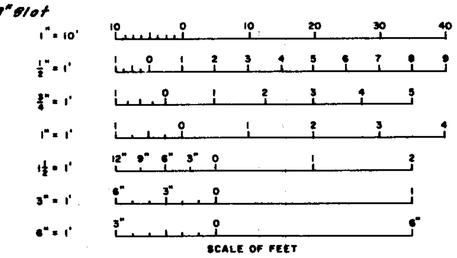


ELEVATION



PLAN

HANDWHEEL BRACKET
Scale: 3"=1"



Think Safe — Be Safe

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
DIVISION OF SAFETY OF DAMS

SWEETWATER DAM AND RESERVOIR

OUTLET

PROFILE AND SECTIONS

SUBMITTED: APPROVED: DATE:
APPROVAL RECOMMENDED:
APPROVAL RECOMMENDED:
DRAWING NO. SHEET NO. 4