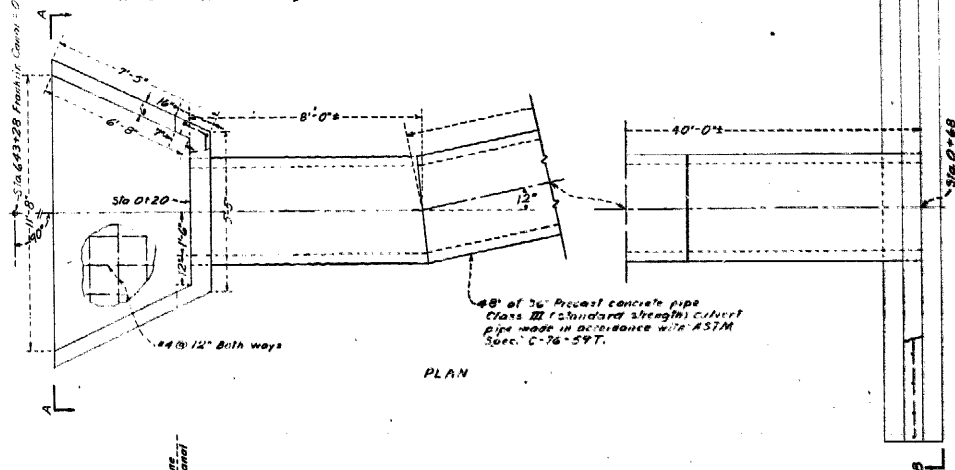
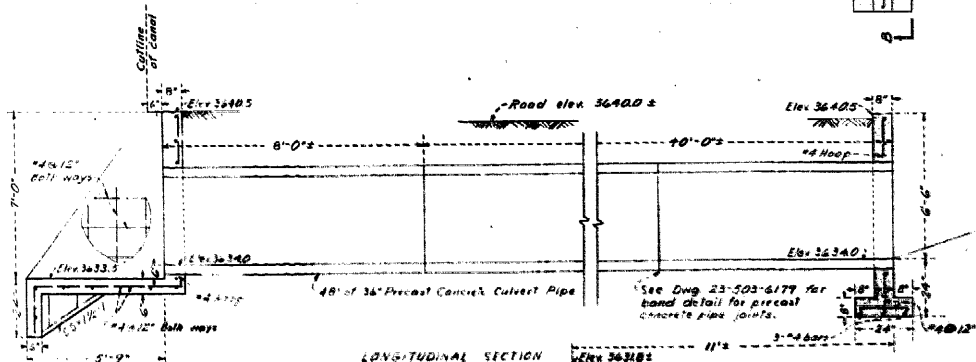


Provide a 36" diameter flat back metal slide gate (Hisco Model 101C or similar) with 1/2" diameter stem, 18-24 handwheel and 7 foot frame.

Note: Rave slope of canal bank between check and heading.



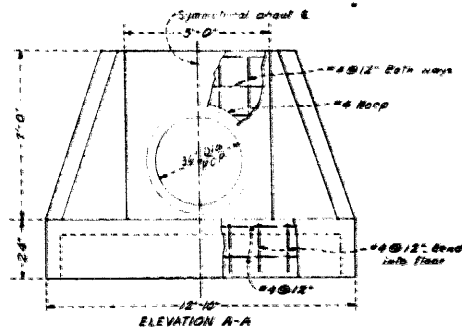
PLAN



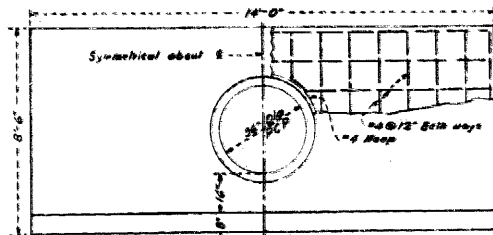
LONGITUDINAL SECTION

Elev 36310

16" E.P.M. pipe No.



ELEVATION A-A



ELEVATION B-B

NOTES

Unless otherwise shown, place reinforcement so that the clear distance between face of concrete and nearest reinforcement is 1 1/2" for formed surfaces and 2" for foundation surfaces.
Lap bars 24 diameters of splices unless otherwise shown.
Place entire structure on undisturbed natural foundation or thoroughly compacted fill.
Concrete design based on a compressive strength of 4000 p.s.i.
Design @ 15 cfs.
Construction B.M. Elev 3642.01, Top of left rail of CRACK on Franklin Canal at Sta. 643+37.
For layout see Dwg. 23-503-6754, Layout of Drain and Concrete Lateral Headings.

AS BUILT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
RIO GRANDE PROJECT - NEW MEXICO - TEXAS

IRWIN LATERAL HEADING

Estimated Concrete Volume
Total 3.2
Culvert 2.3
Total 6.5 CY

Scale of Feet

Cost Code 3.5

DESIGNER	ENGINEER
DR. J. H. HARRIS	DR. J. H. HARRIS
CHECKED	APPROVED
DR. J. H. HARRIS	DR. J. H. HARRIS
DATE	DATE
21 MAR 1954	23-503-6697