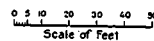


HYDRAULIC PROPERTIES

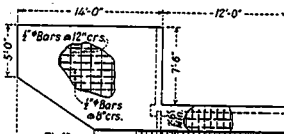
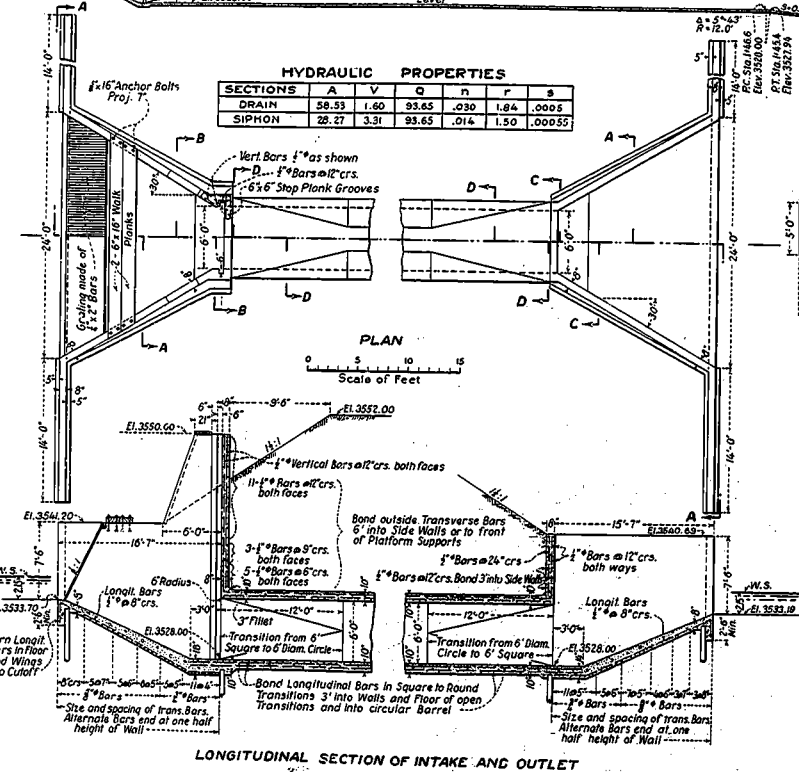
SECTIONS	A	V	Q	n	r	s
DRAIN	58.53	1.60	93.65	.030	1.84	.0005
SIPHON	28.27	3.31	93.65	.014	1.50	.00055

PROFILE

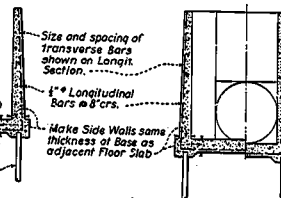


ESTIMATED QUANTITIES

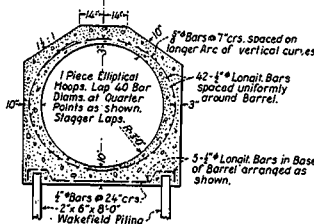
Concrete..... 615 CuYds.
Reinforcing Steel..... 52,000 Lbs.



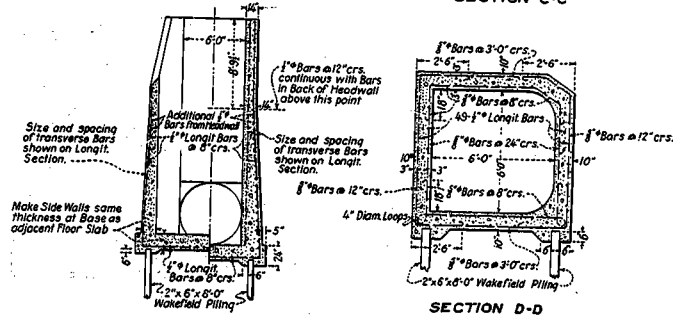
SECTION A-A



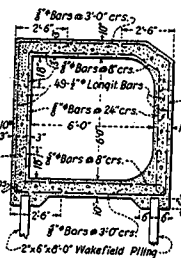
SECTION C-C



SECTION OF BARREL



SECTION B-B



**SECTION D-D
(ENLARGED)**

NOTES

Lap Bars 40 Diameters at Splices. Stagger Splices.
All Reinforcing Bars to be 2" from Face of Concrete
unless otherwise shown.
Hooks with Radius of 4 Bar Diameters to be provided where shown.
Thickness of Floors of Intake and Outlet to vary uniformly between Dimensions shown.
Elevations and Stations shown on Profile refer to Invert of Pipe.

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
RIO GRANDE PROJECT-NEW MEXICO - TEXAS
ISLAND DRAINAGE SIPHON

DRAWN J.R.C. SUBMITTED: *J.R.C.*
TRACED A.C.C. RECOMMENDED: *J.R.C.*
CHECKED: *J.R.C.* APPROVED: *J.R.C.*
DENVER COLO. FEB. 8, 1928 23-D-208