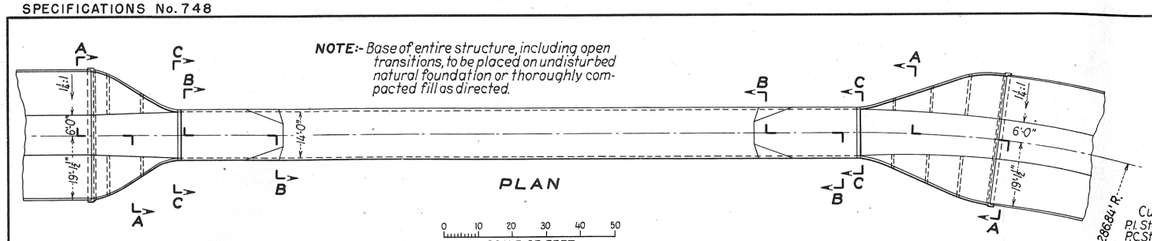
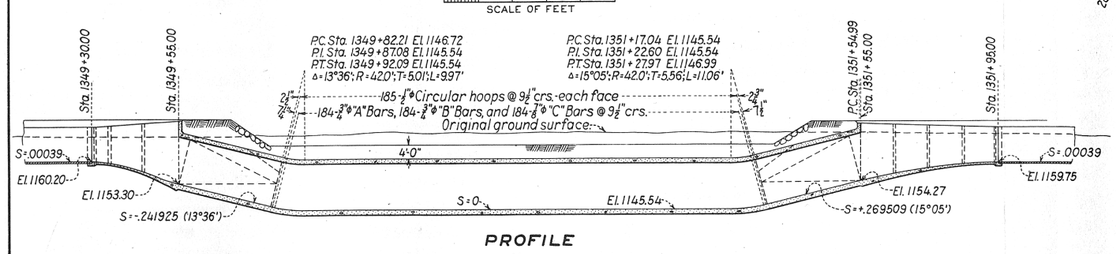
SPECIFICATIONS No. 748

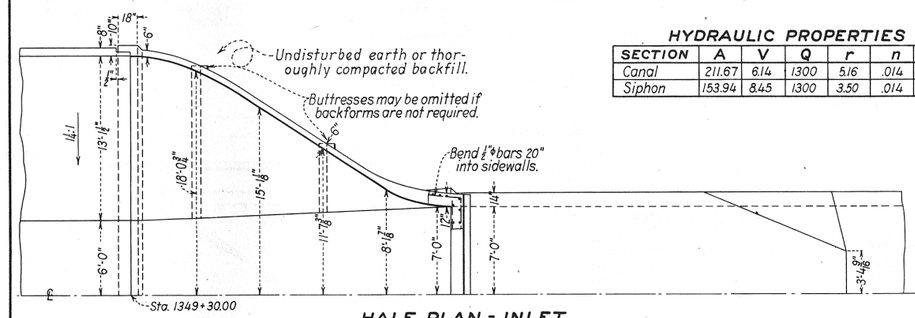
DRAWING No. 15

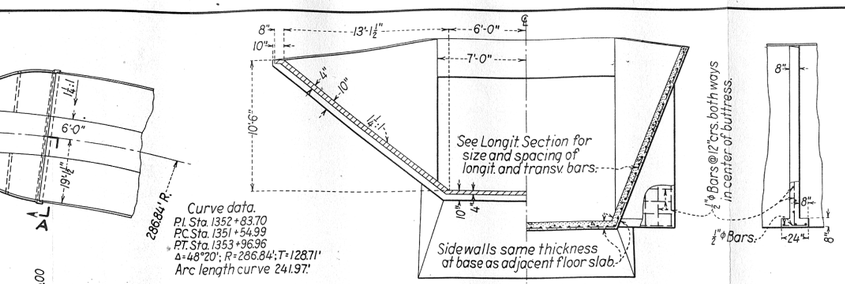


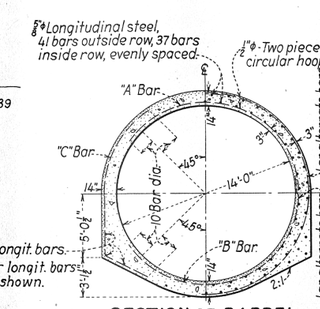


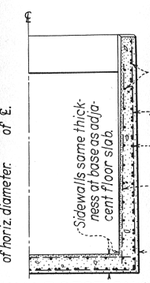
HYDRAULIC PROPERTIES

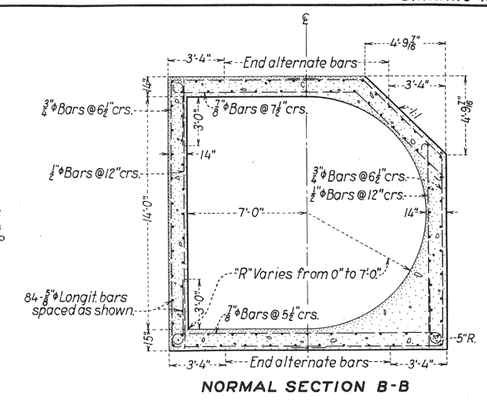
SECTION	A	V	Q	r	n	S
Canal	211.67	6.14	1300	5.16	.014	.00039
Siphon	153.94	8.45	1300	3.50	.014	.00120

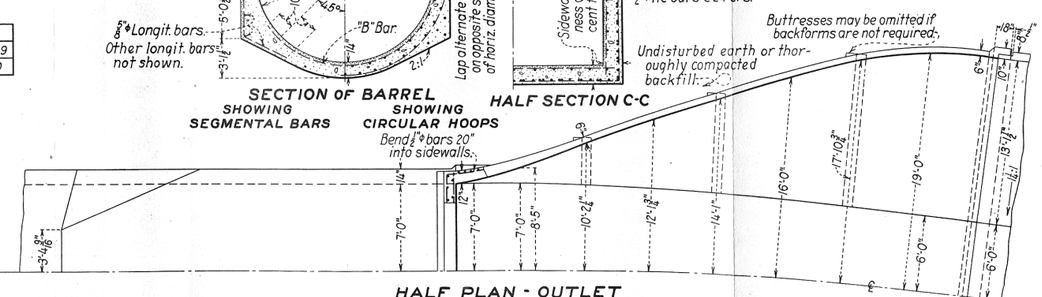










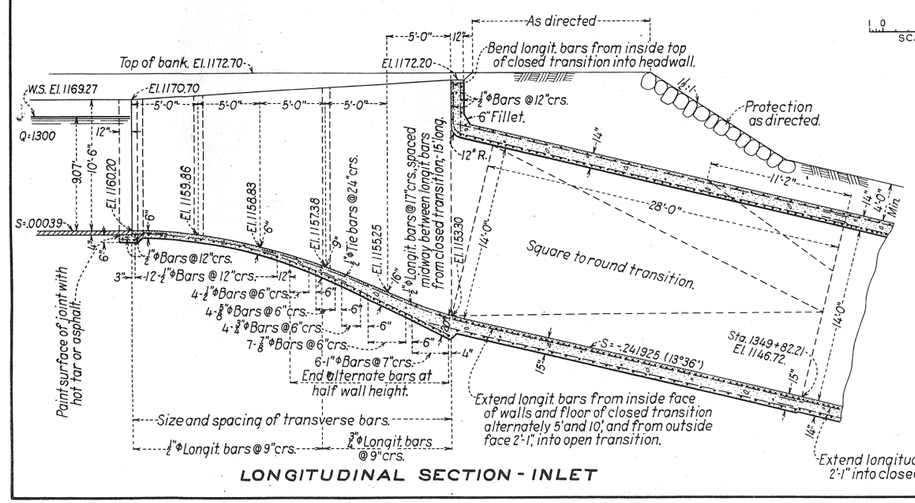


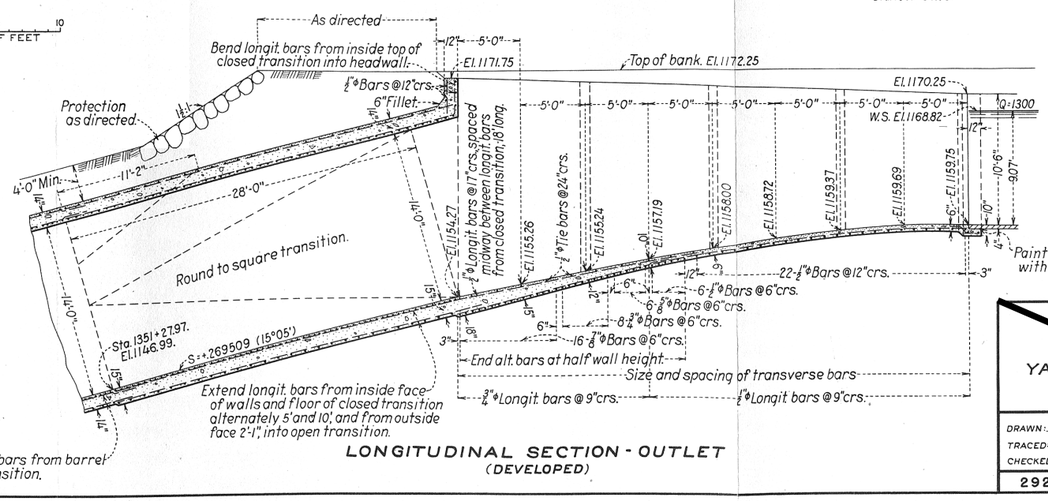
ESTIMATED QUANTITIES

Concrete ..... 622 Cu. Yds.
Reinforcement steel ..... 114,000 Lbs.

NOTES

All reinforcement shall be placed so that the centers of bars in the outer layer will be 2" from face of concrete unless otherwise shown.
Lap all bars 40 diameters of splices.
Hooks with 180° bends, radii of 4 bar diameters, and lengths of 16 bar diameters to be provided where shown.
Space transverse reinforcement in barrel along longitudinal bars and on longer arc of curves.
Thickness of concrete to vary uniformly between dimension shown.
Stations, elevations, and radii, shown on profile refer to invert of barrel unless otherwise noted.
Segmental bars to be placed midway between circular hoops.
Backfill along siphon barrel as directed.





FOR INFORMATION ONLY

DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
YAKIMA PROJECT - WASHINGTON
ROZA DIVISION

YAKIMA RIDGE CANAL - STA. 1349+30
CONCRETE SIPHON

DRAWN: L.H.E. SUBMITTED: [illegible]
TRACED: R.H.H. RECOMMENDED: [illegible]
CHECKED: [illegible] APPROVED: [illegible]

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