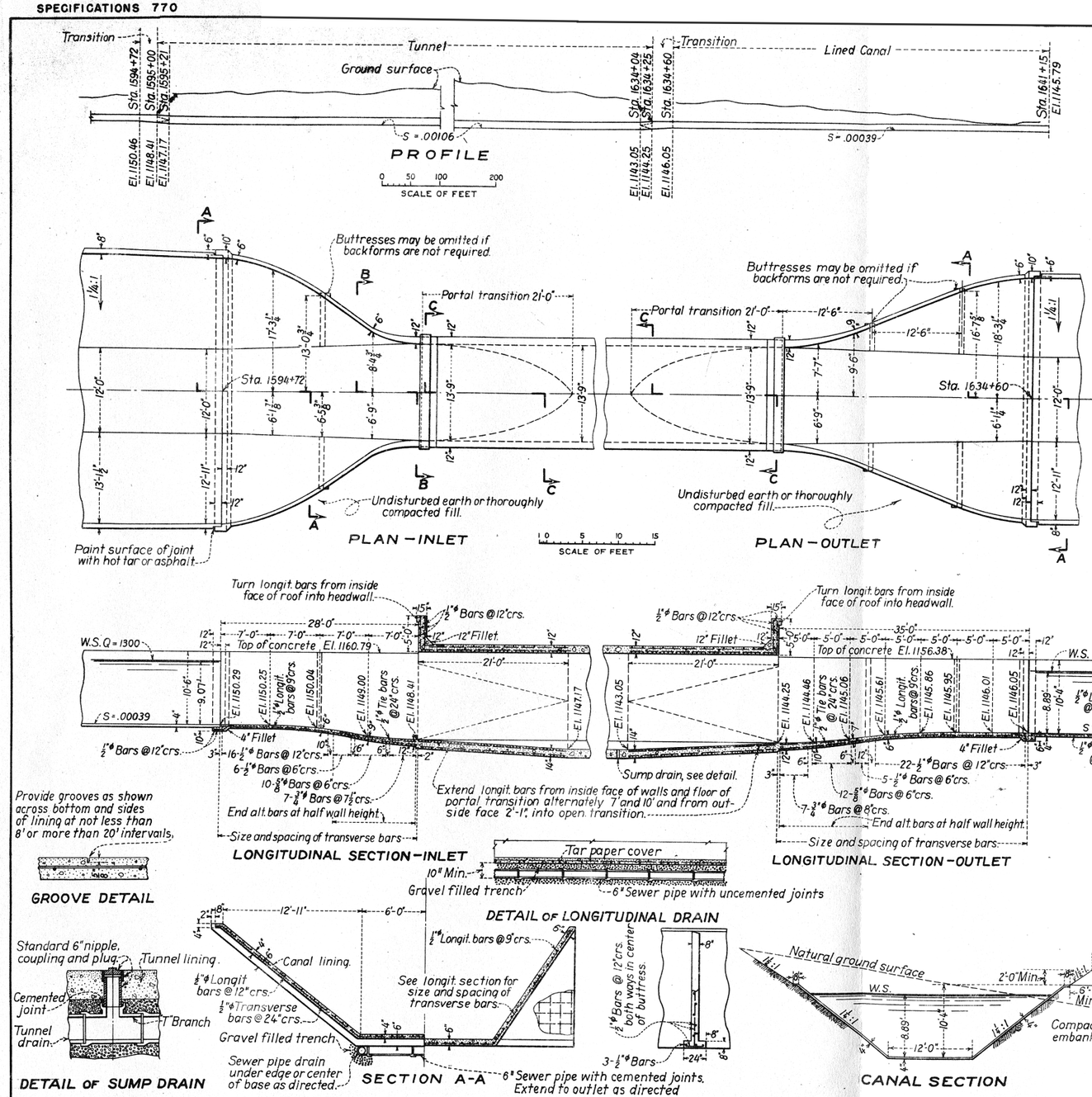
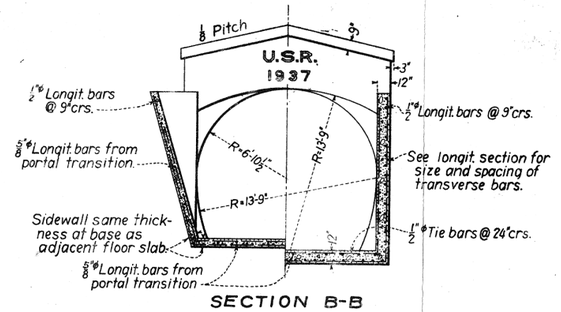
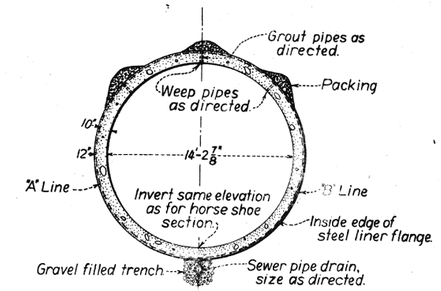
SPECIFICATIONS 770

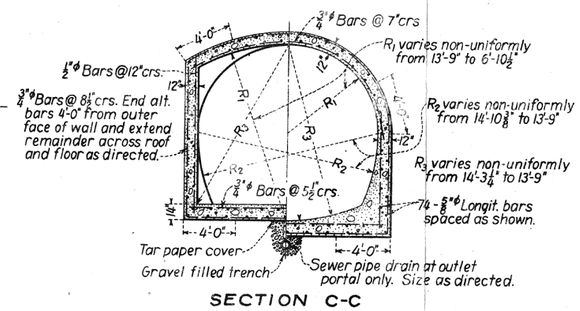
DRAWING No. 2

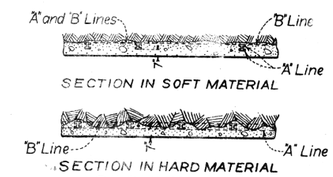


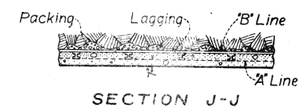


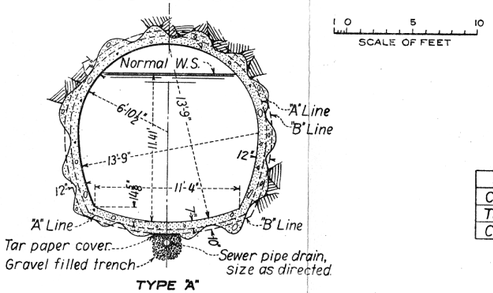


STEEL LINER PLATE DATA					
Inside Dia. Tunnel	Outside Dia. Tunnel	Number Plates	Size Plates	Cover Over Flange	Total thick. Concrete
14'-2 7/8"	16'-2 5/8"	17	36"	10"	12"









HYDRAULIC PROPERTIES

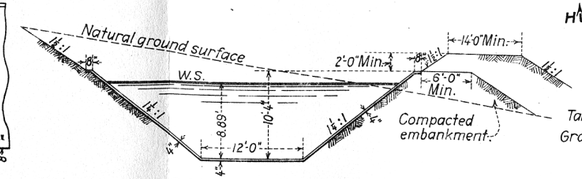
SECTION	A	V	Q	r	n	s
Canal above	211.67	6.14	1300	5.16	.014	.00039
Tunnel	140.06	8.92	1250	4.21	.014	.00106
Canal below	205.47	6.08	1250	5.08	.014	.00039

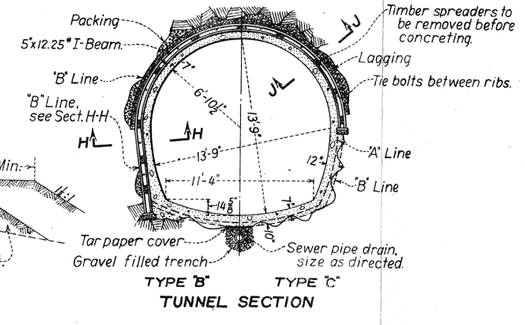
ESTIMATED QUANTITIES

Concrete reinforced ..... 150 Cu. Yds.
Concrete tunnel lining ..... 7,000 Cu. Yds.
Concrete reinforced canal lining ..... 360 Cu. Yds.
Reinforcement steel ..... 44,500 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 at splice.
Thickness of concrete to vary uniformly between dimensions shown.





FOR INFORMATION ONLY

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

YAKIMA RIDGE CANAL - STA. 1594+72
TUNNEL No. 5

DRAWN L.H.E. SUBMITTED
TRACED W.C.W. RECOMMENDED
CHECKED APPROVED

29784 | DENVER, COLORADO. JUNE 19, 1937 | 33-D-1171