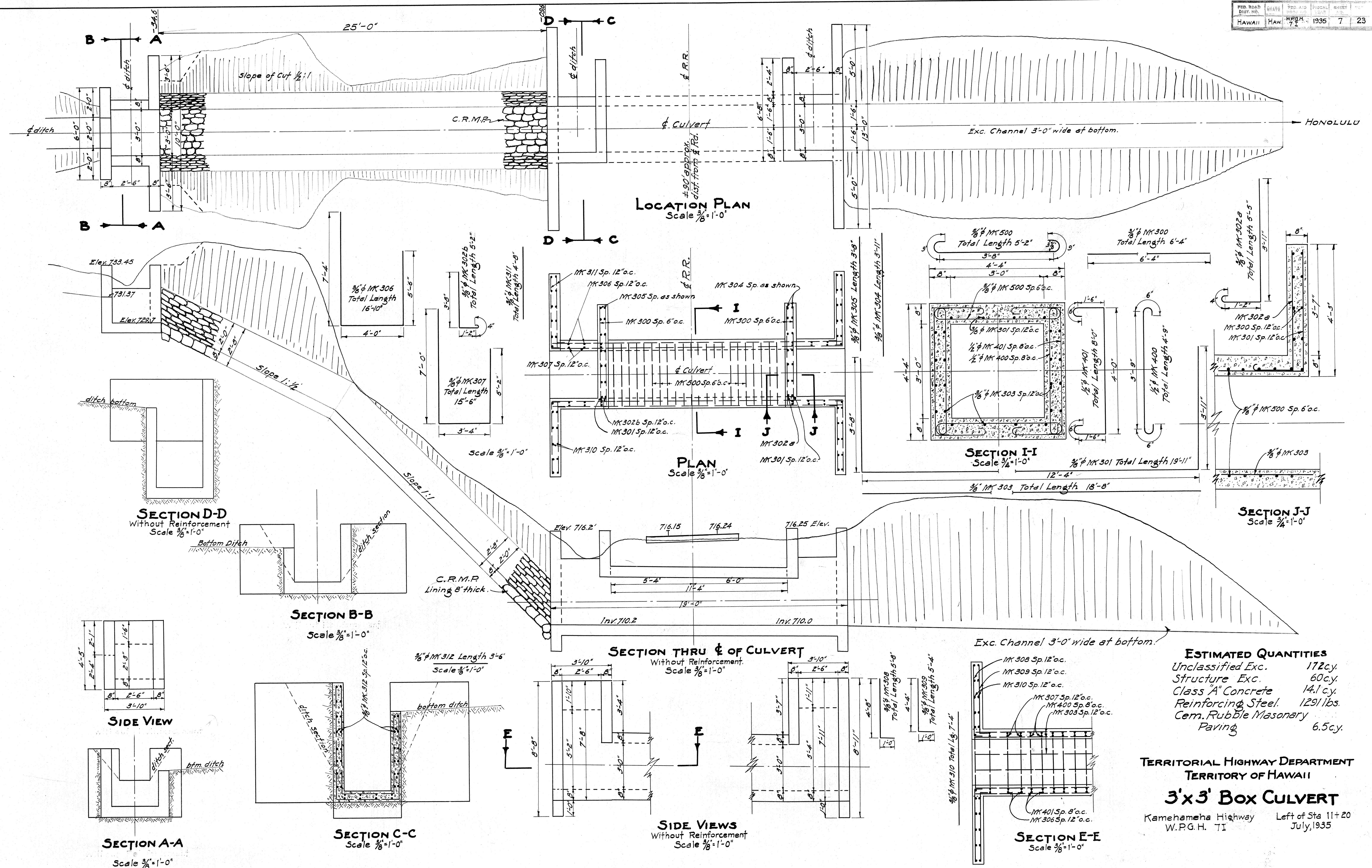
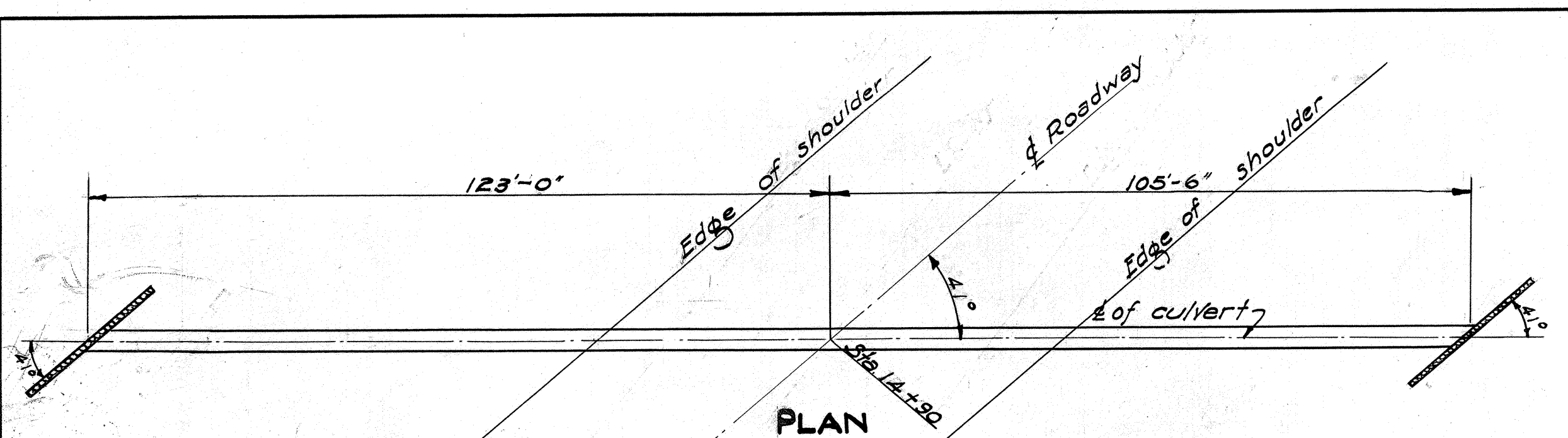
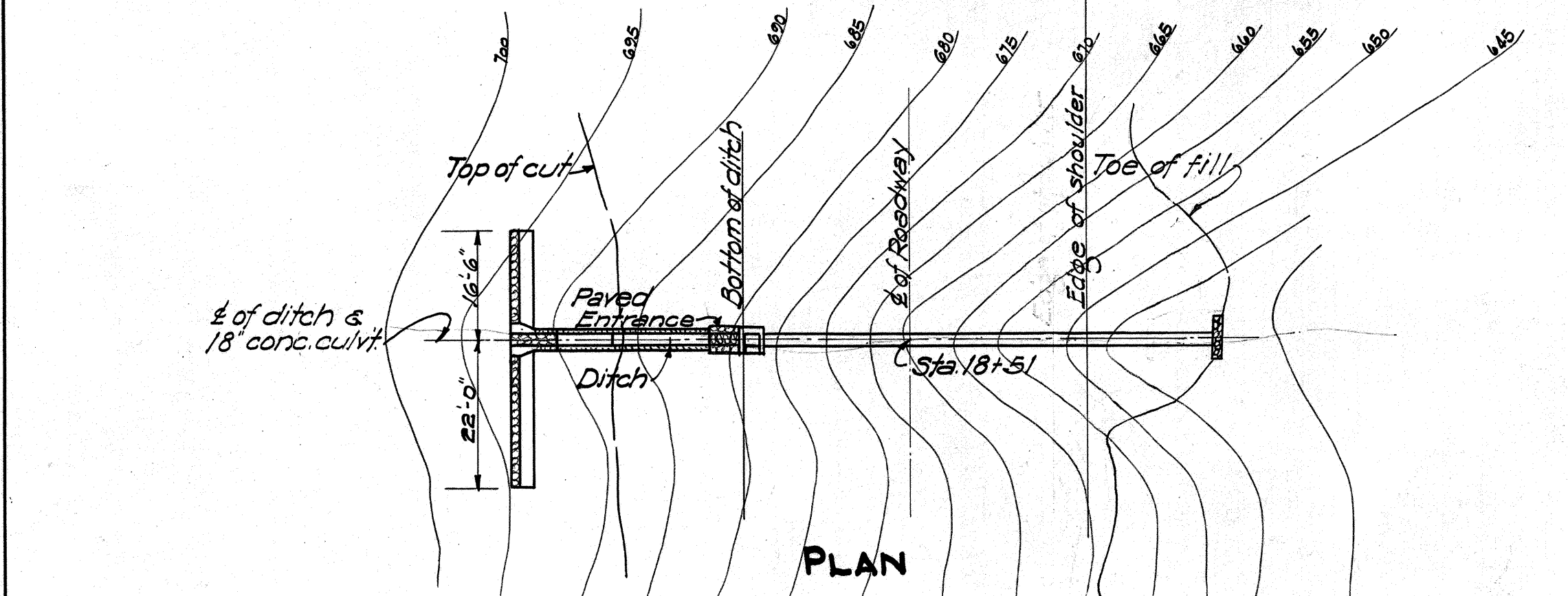
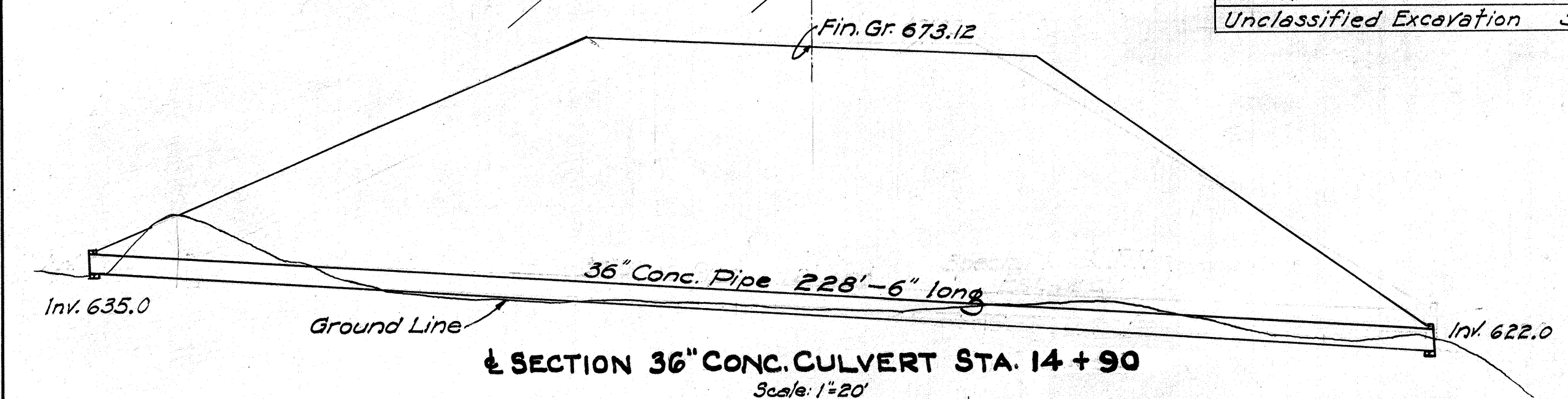






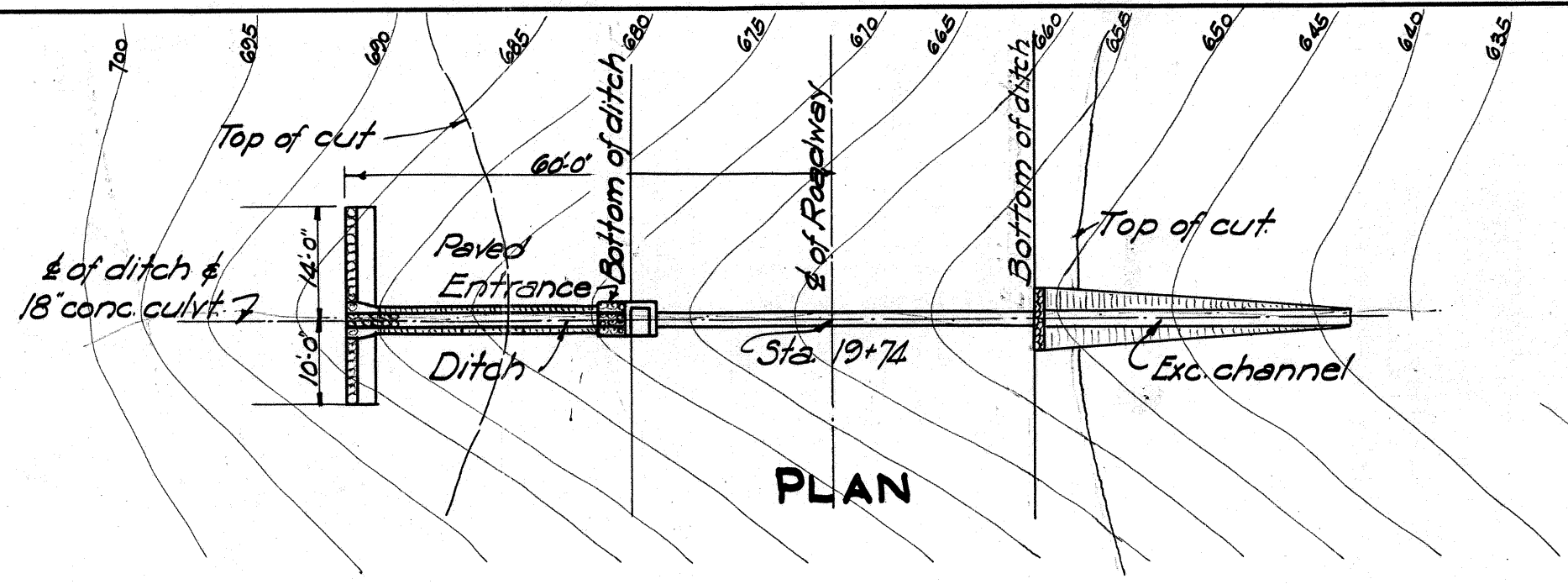
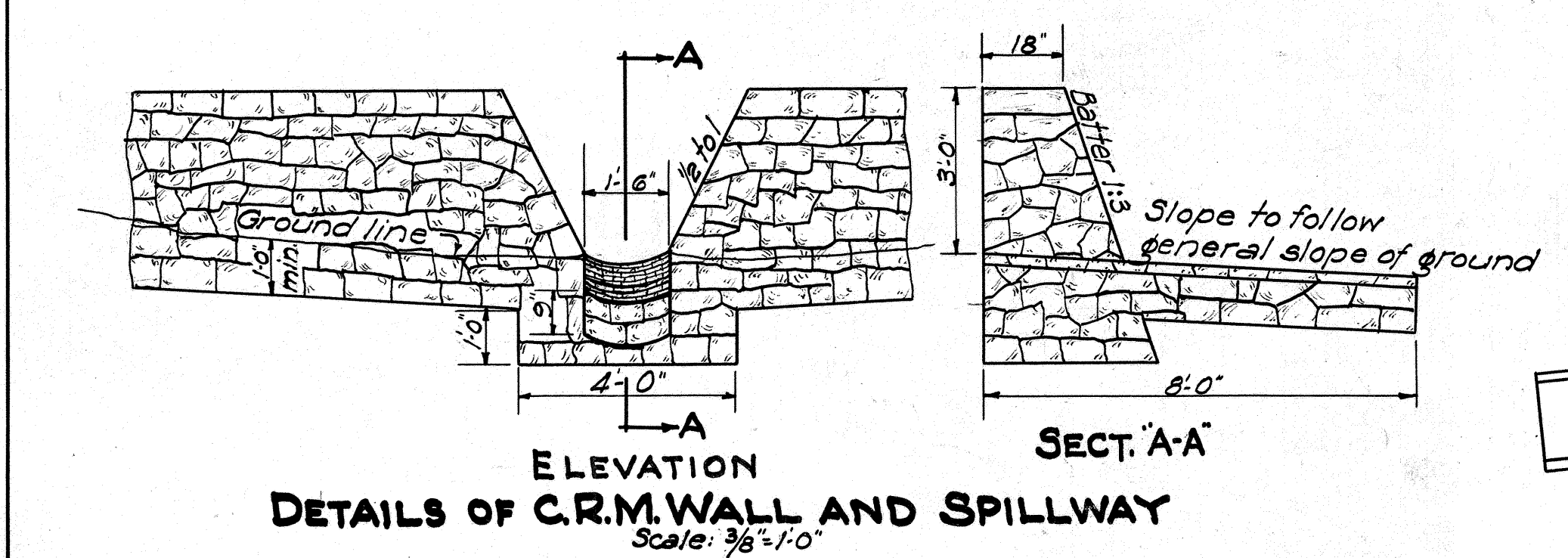
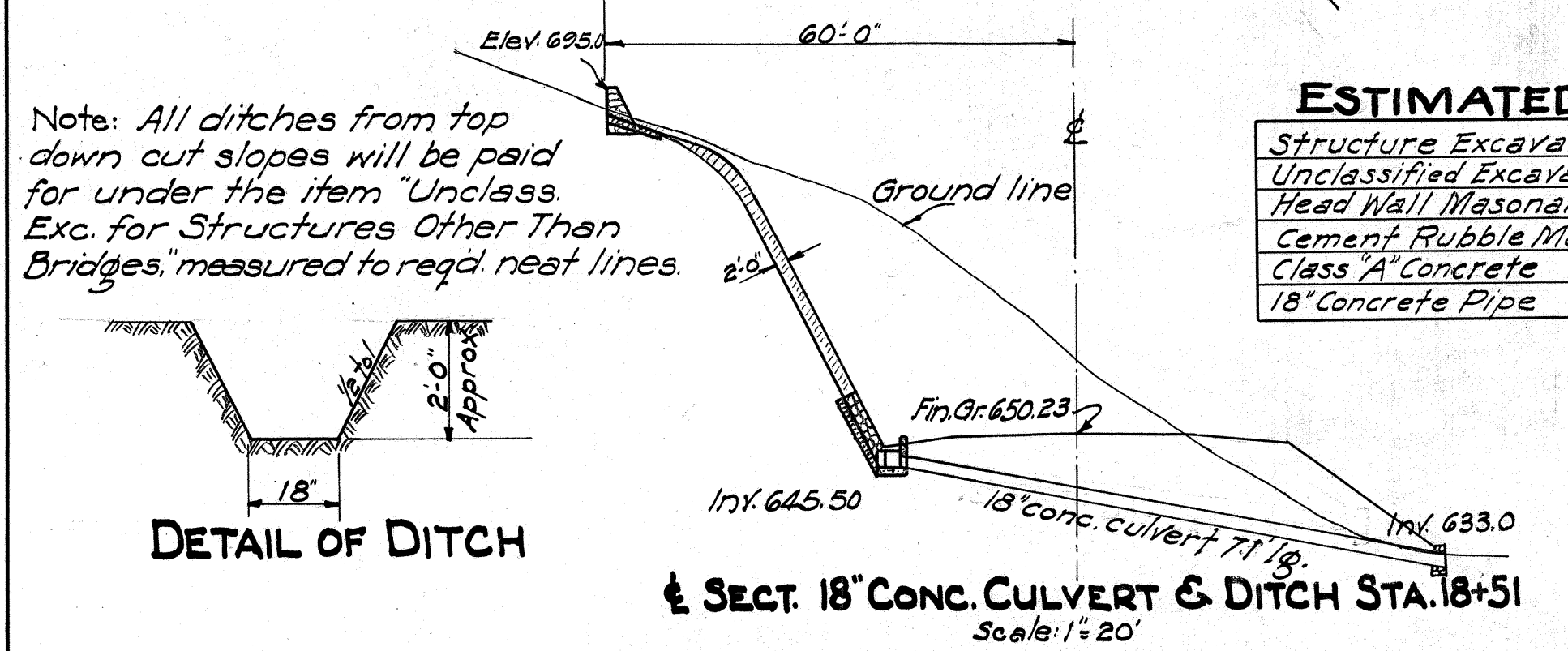
ESTIMATED QUANTITIES

36" Concrete Pipe	228'-6" long
Head Wall Masonry	5.4 c.y.
Structure Excavation	115.2 c.y.
Unclassified Excavation	3.0 c.y.



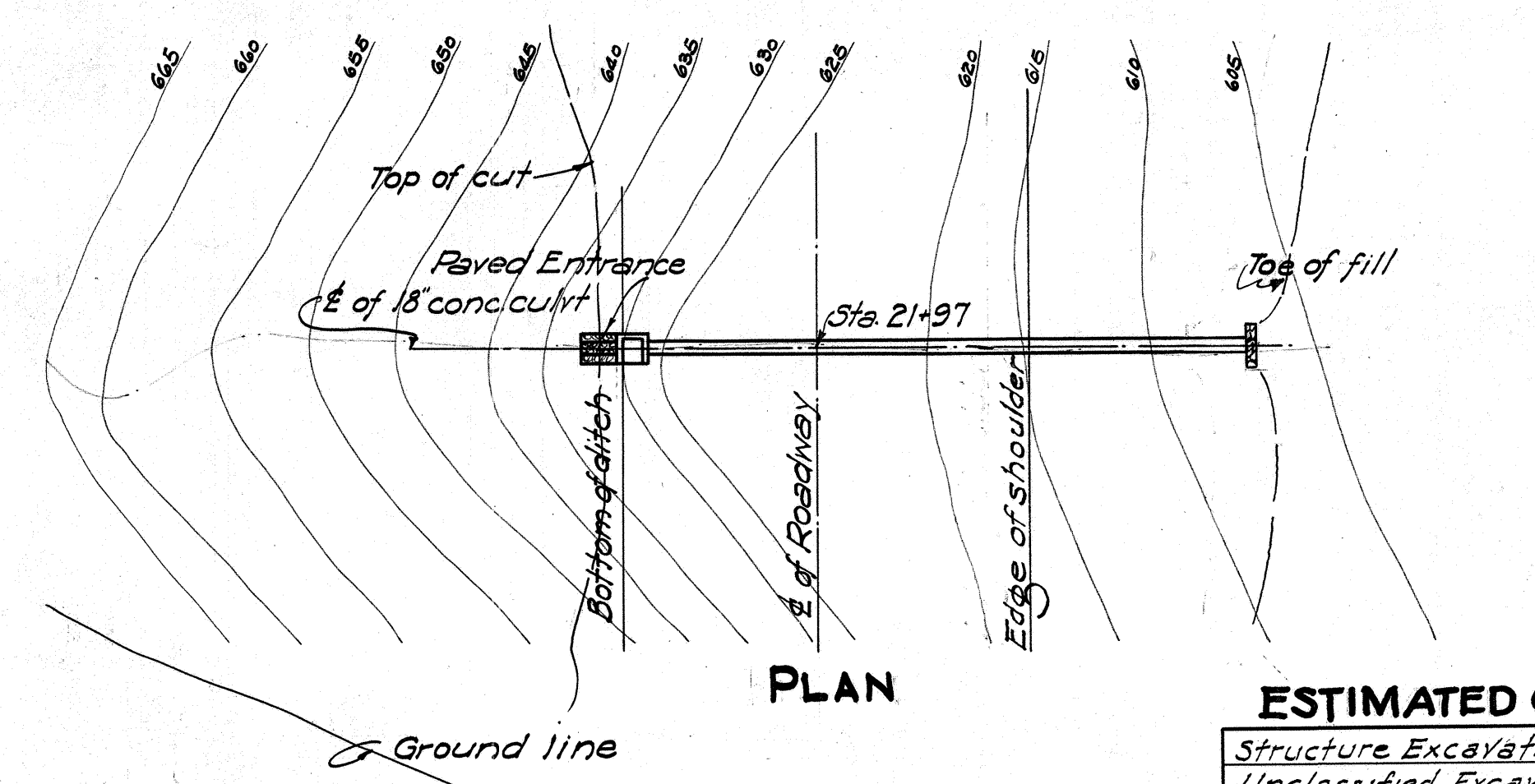
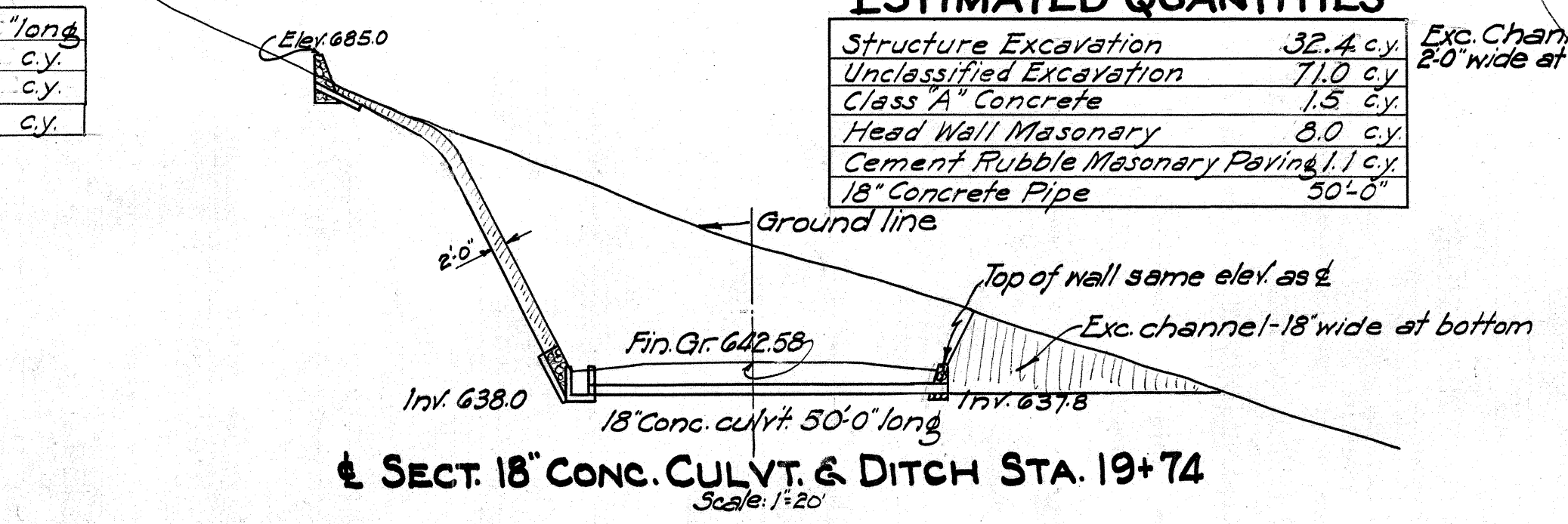
ESTIMATED QUANTITIES

Structure Excavation	57.4 c.y.
Unclassified Excavation	9.1 c.y.
Head Wall Masonry	11.4 c.y.
Cement Rubble Masonary Paving	1.8 c.y.
Class 'A' Concrete	1.5 c.y.
18" Concrete Pipe	71'-0" long



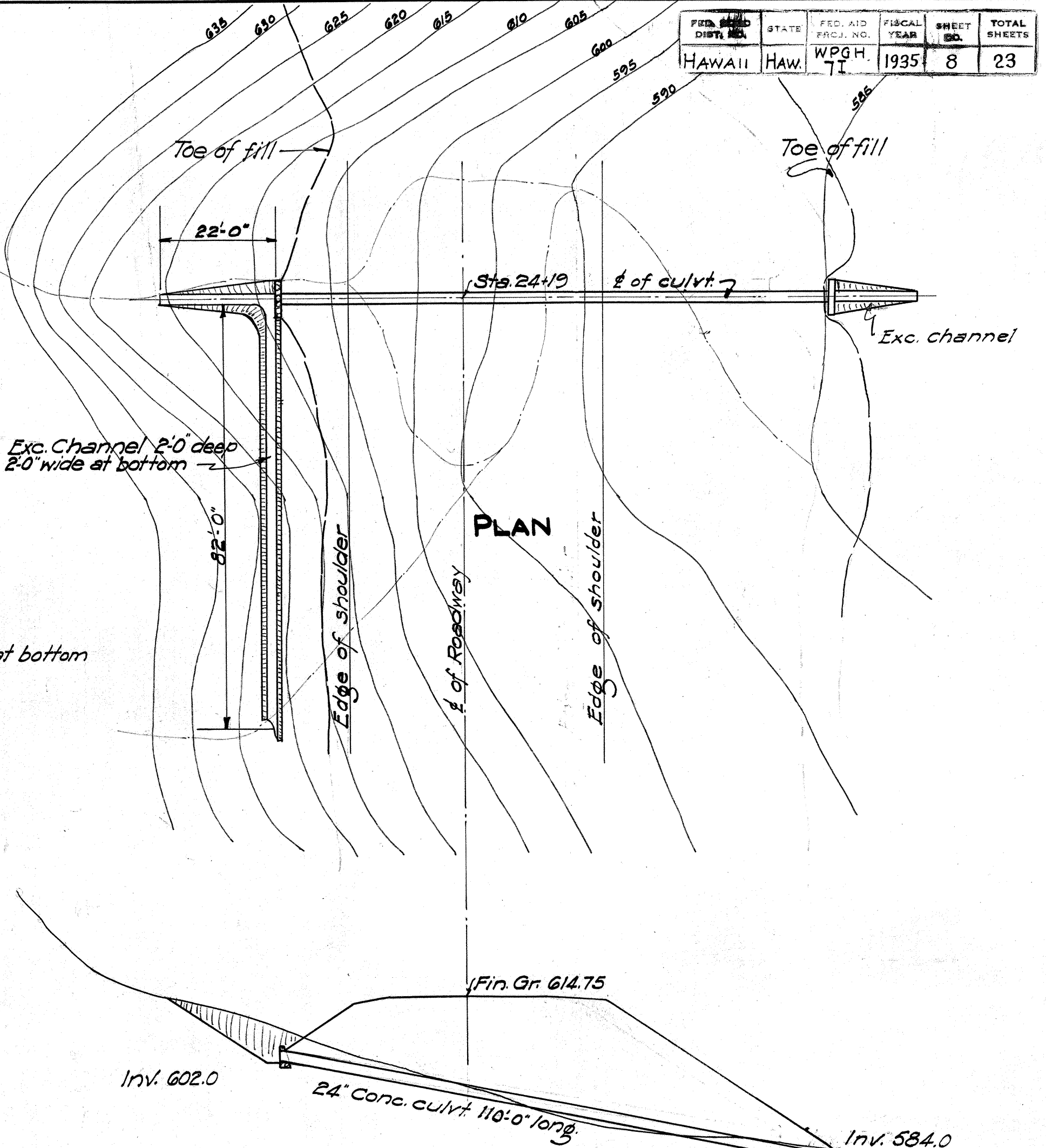
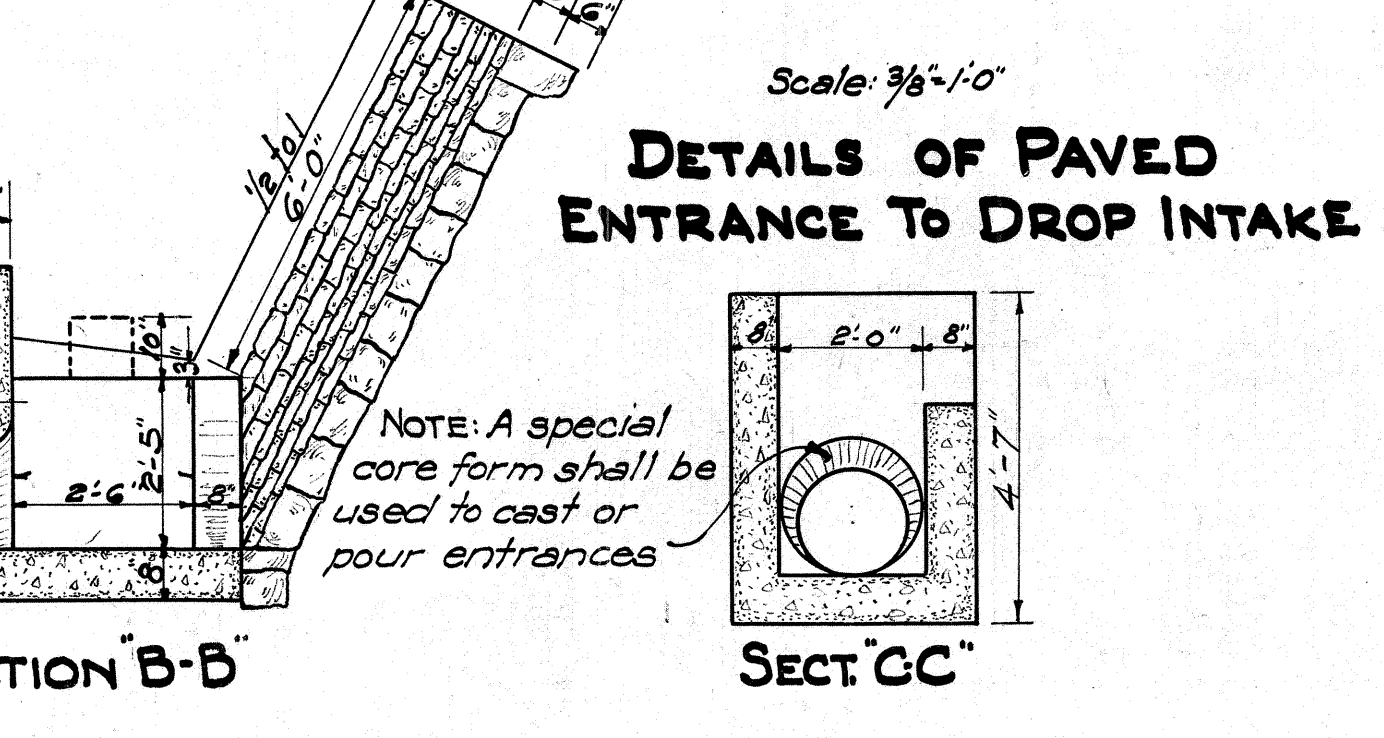
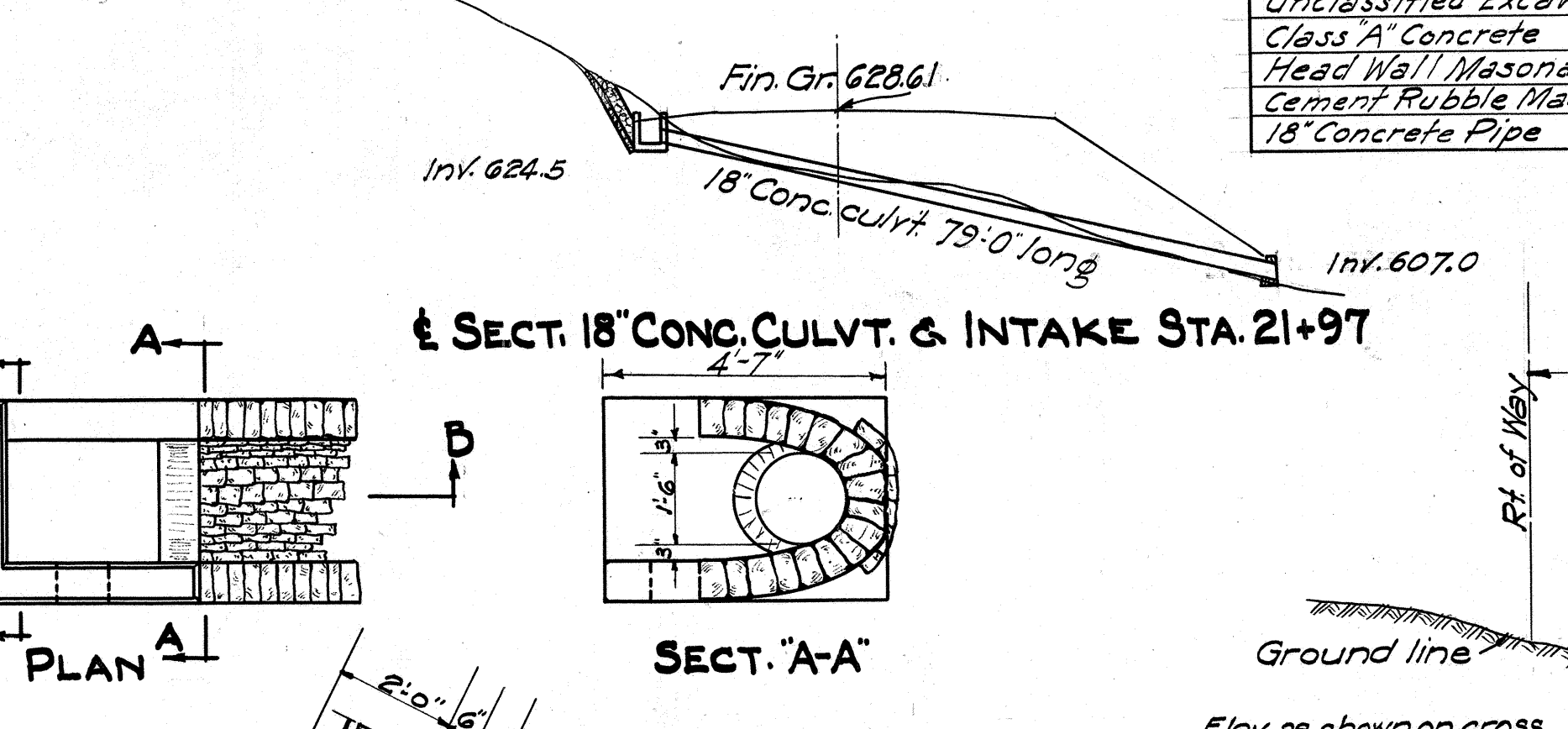
ESTIMATED QUANTITIES

Structure Excavation	32.4 c.y.
Unclassified Excavation	71.0 c.y.
Class 'A' Concrete	1.5 c.y.
Head Wall Masonry	8.0 c.y.
Cement Rubble Masonary Paving	1.1 c.y.
18" Concrete Pipe	50'-0" long



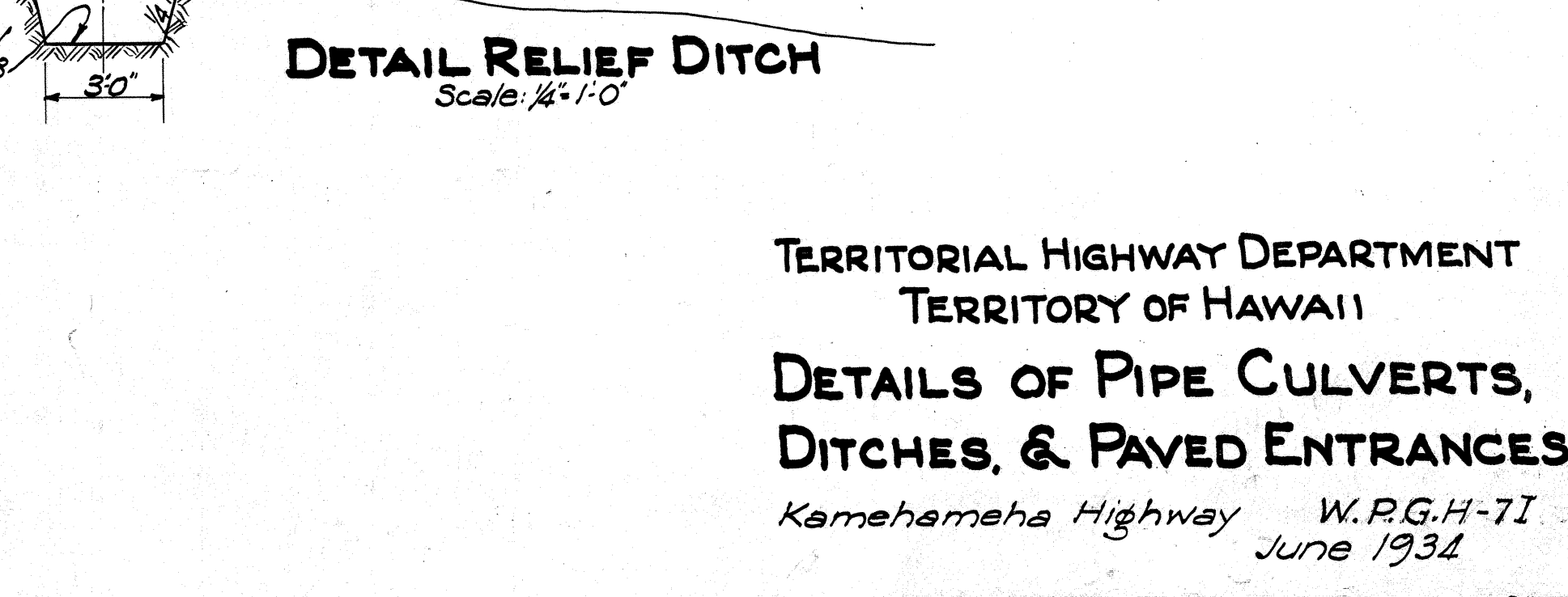
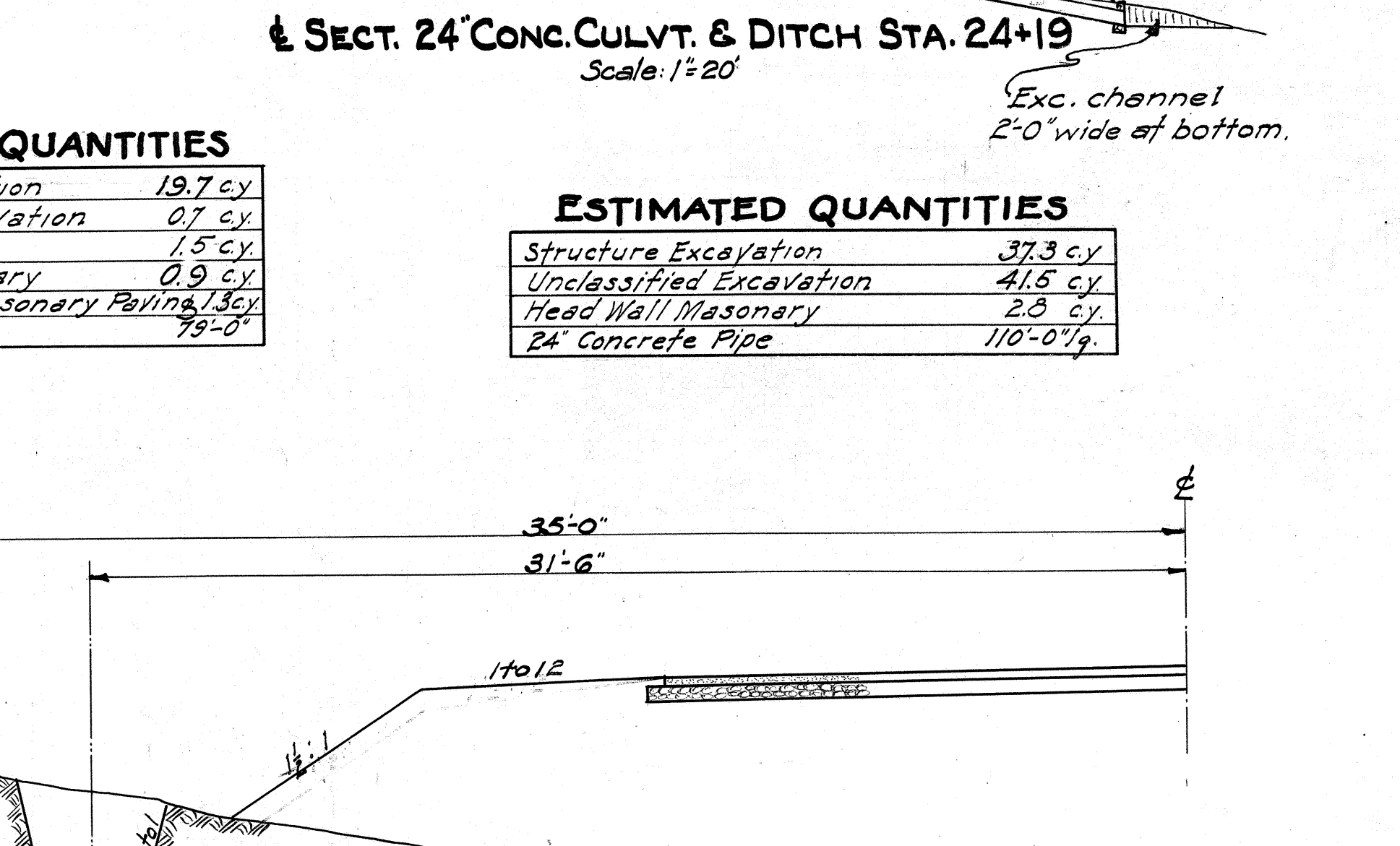
ESTIMATED QUANTITIES

Structure Excavation	19.7 c.y.
Unclassified Excavation	0.7 c.y.
Class 'A' Concrete	1.5 c.y.
Head Wall Masonry	0.9 c.y.
Cement Rubble Masonary Paving	1.3 c.y.
18" Concrete Pipe	79'-0" long



ESTIMATED QUANTITIES

Structure Excavation	37.3 c.y.
Unclassified Excavation	41.5 c.y.
Head Wall Masonry	2.8 c.y.
24" Concrete Pipe	110'-0" long



TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
DETAILS OF PIPE CULVERTS,
DITCHES, & PAVED ENTRANCES
Kamehameha Highway W.P.G.H-71
June 1934