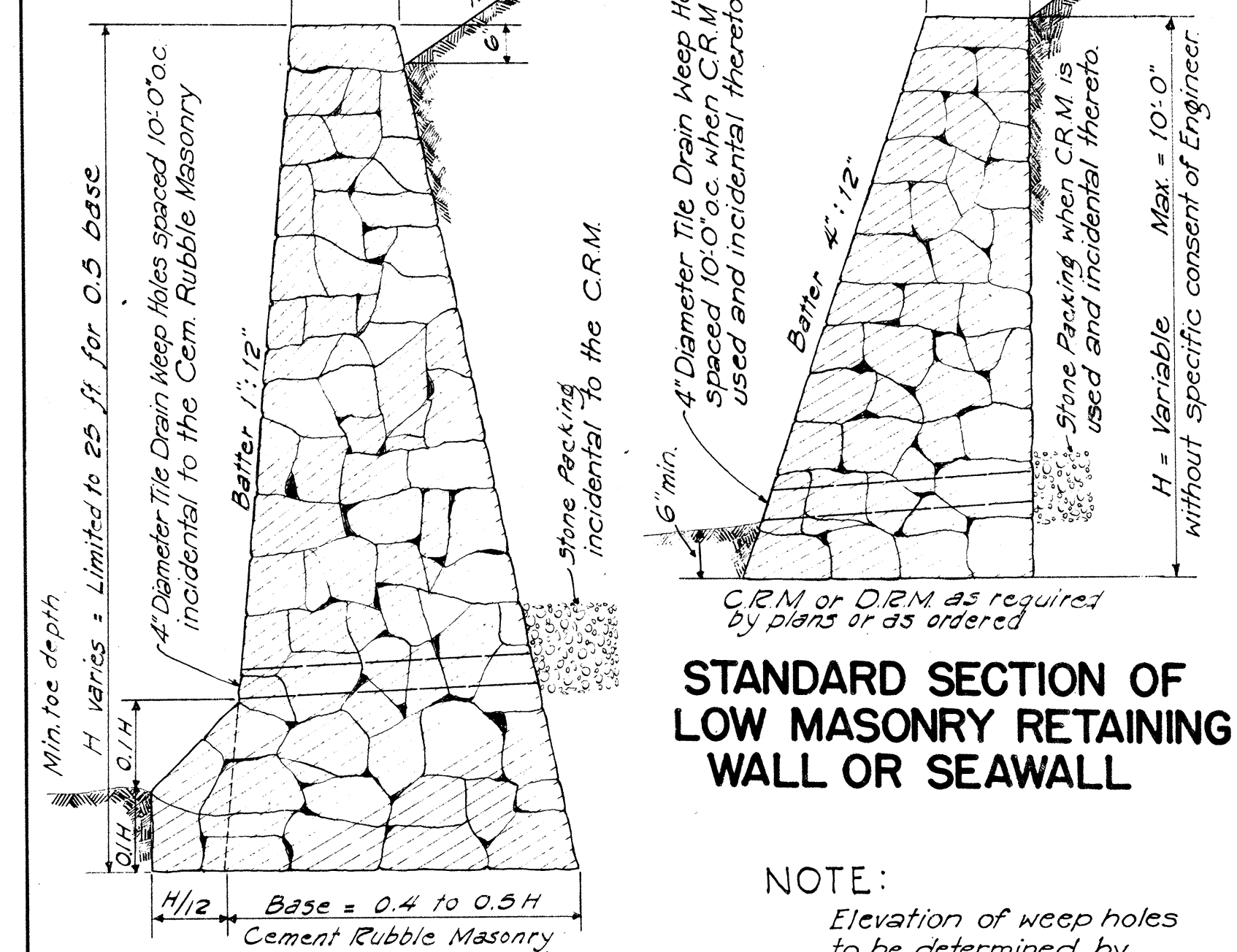


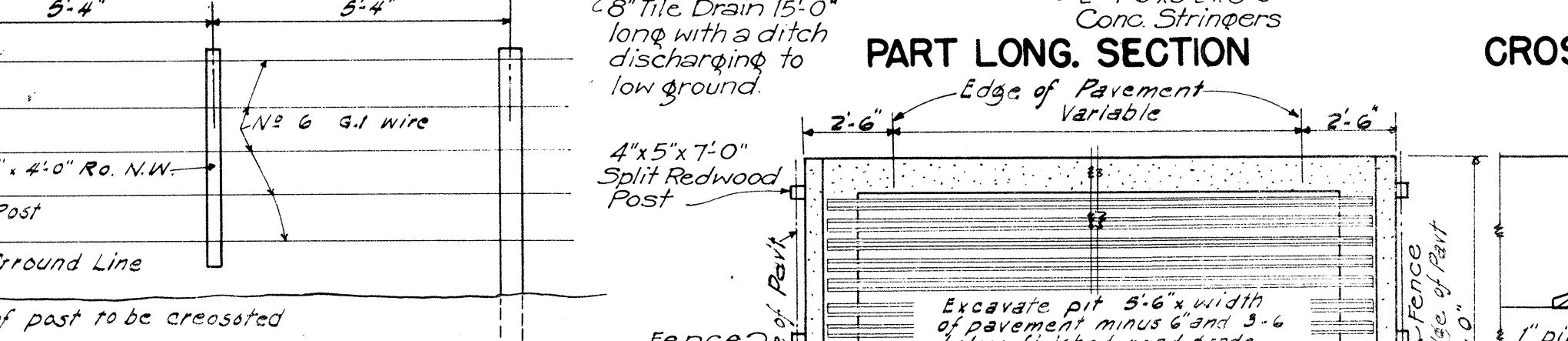
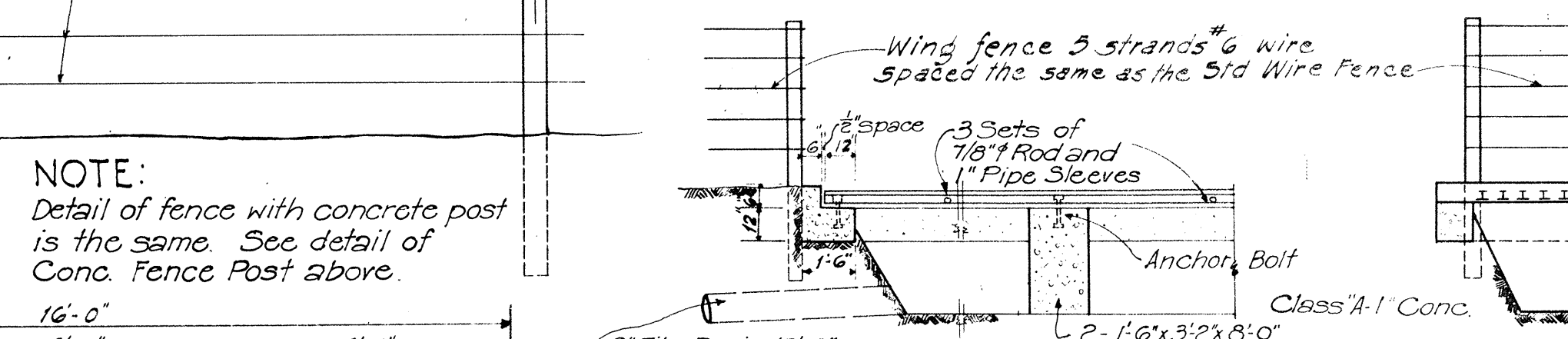
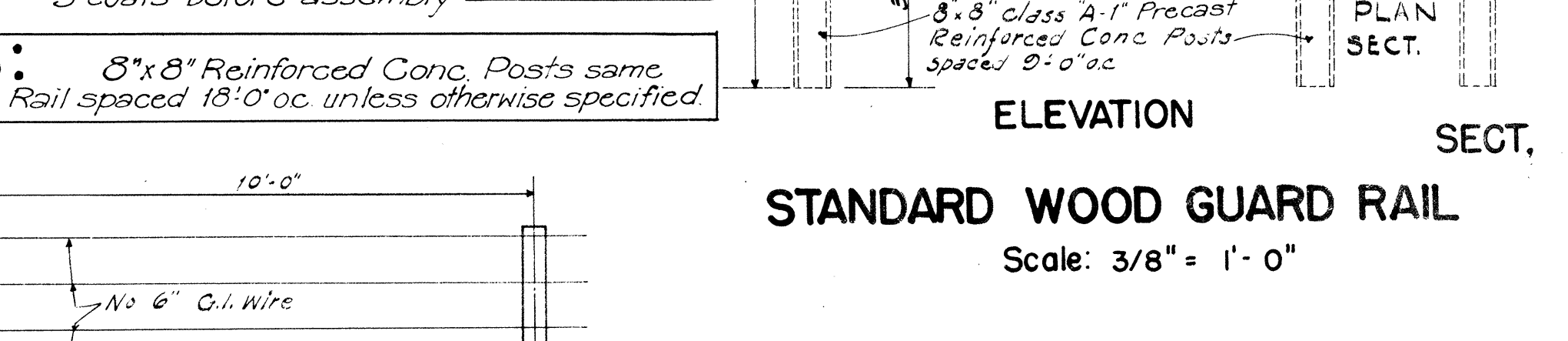
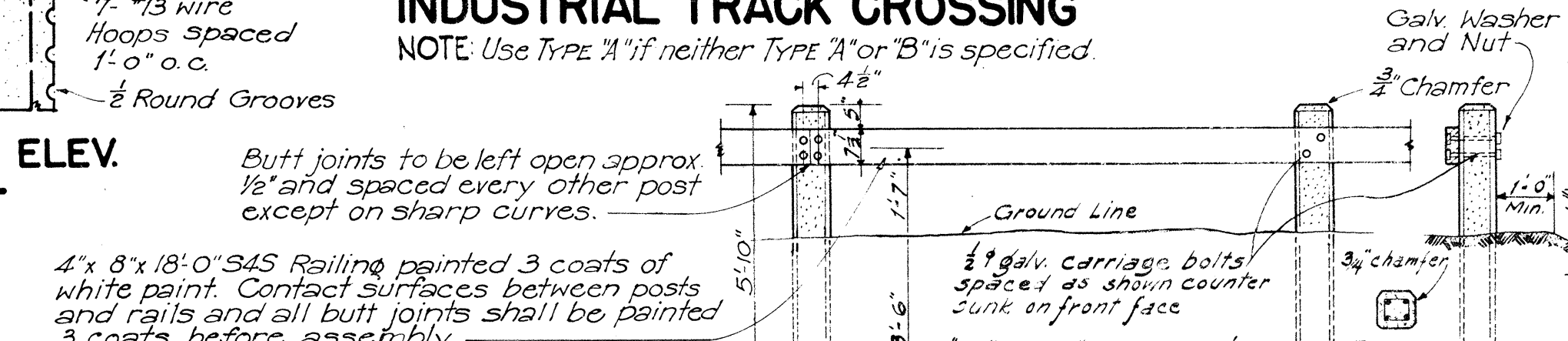
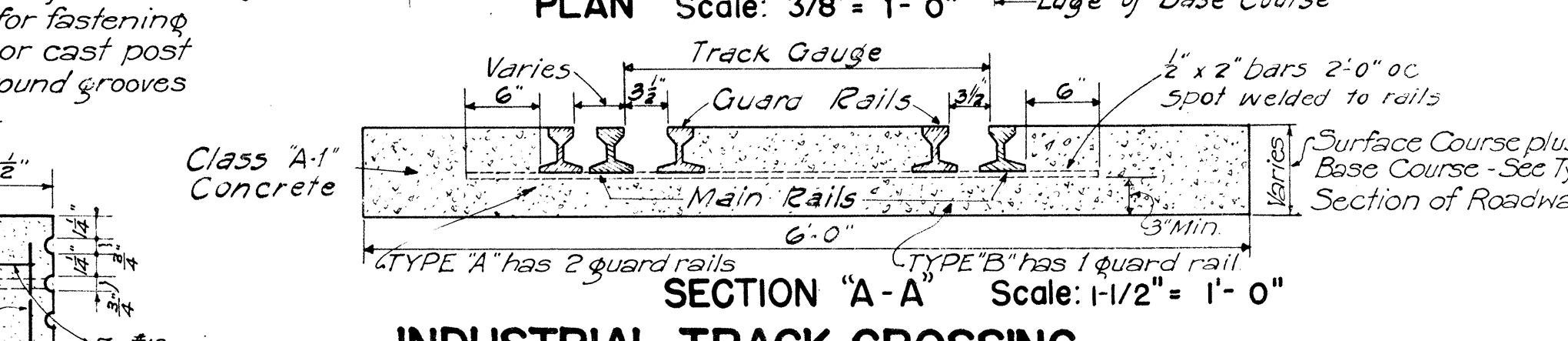
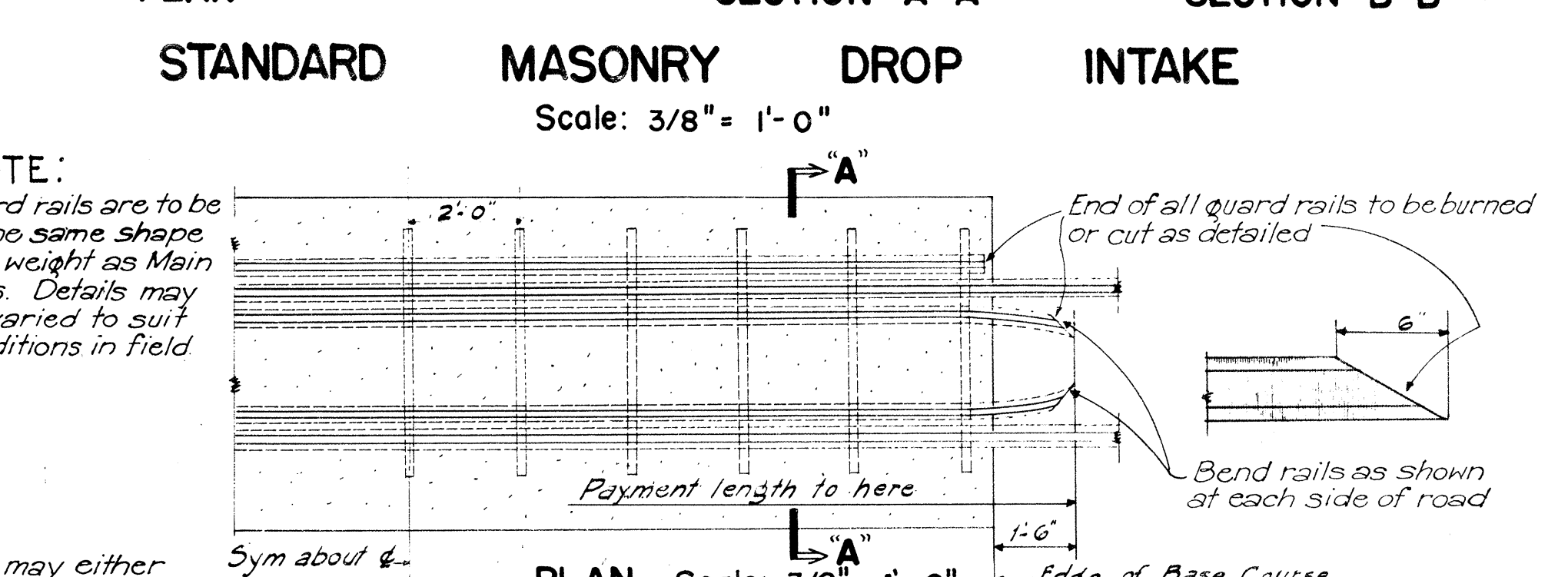
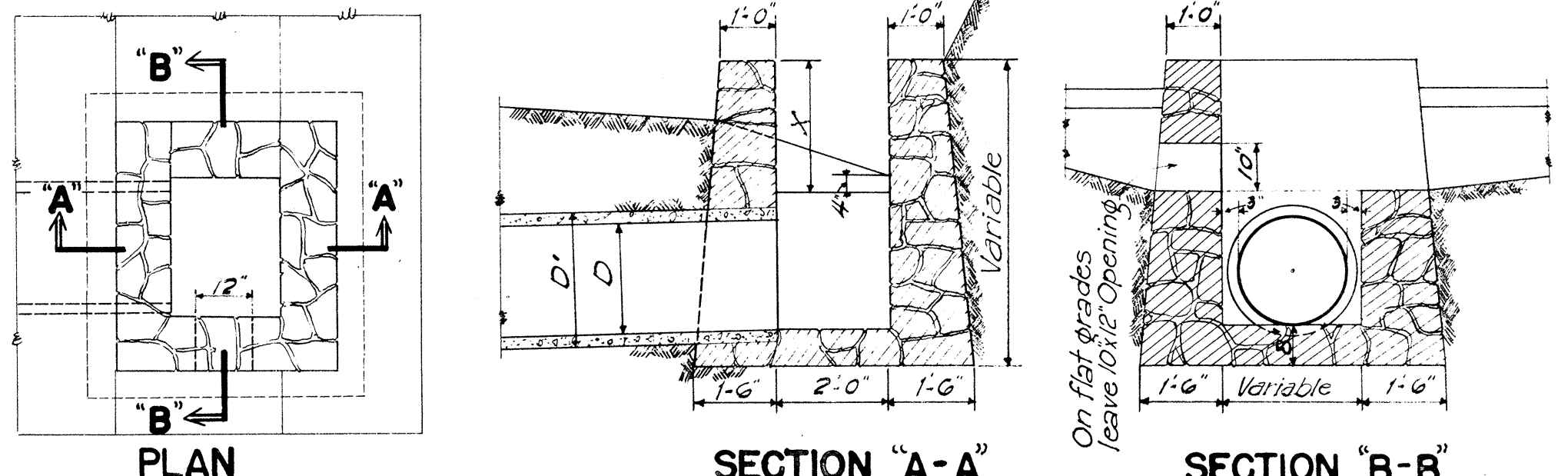
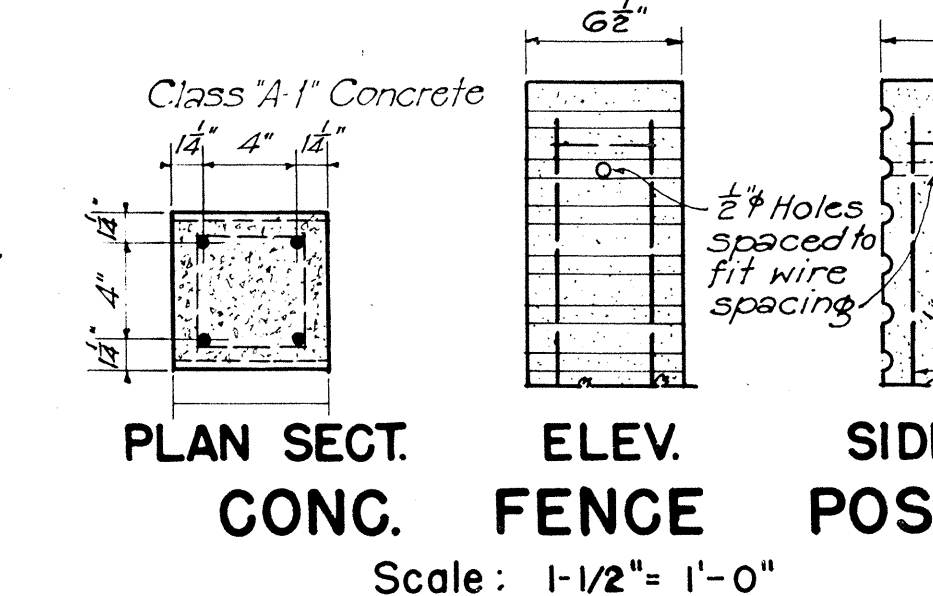
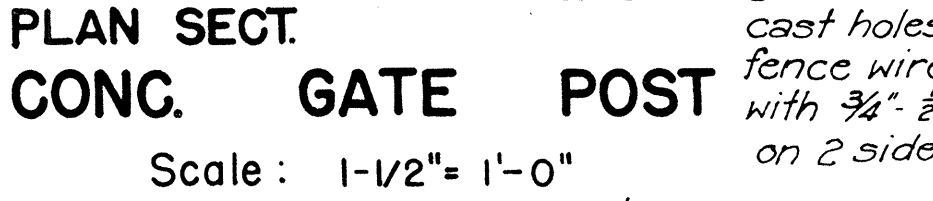
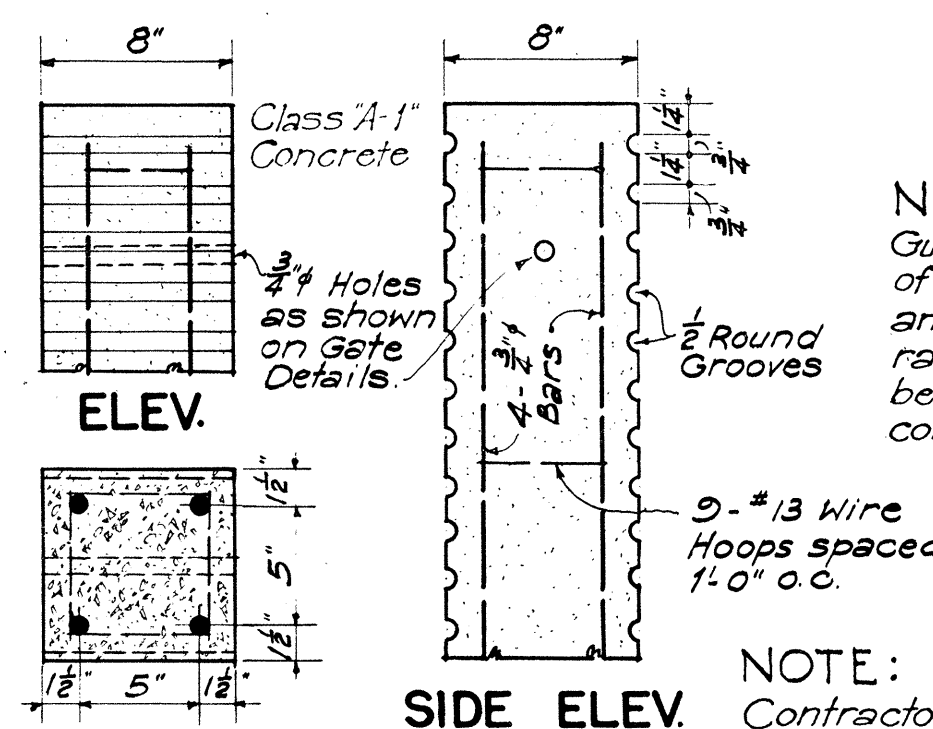
Note: TO RESIDENT ENGINEER
Consider economy of reinf. conc. for high retaining walls which did not originate on plan layout.



Data Standard Masonry Drop Intake

D	H	L = D + 6"	Cu. Yds	Where Variable Equals
22"	18"	2'-0"	2.41	4'-6"
29"	24"	2'-6"	2.89	5'-0"
35"	30"	3'-0"	3.38	5'-6"
42"	36"	3'-6"	3.92	6'-0"

NOTE: Dimension "X" is assumed as 2'-4" in figuring the above quantities.

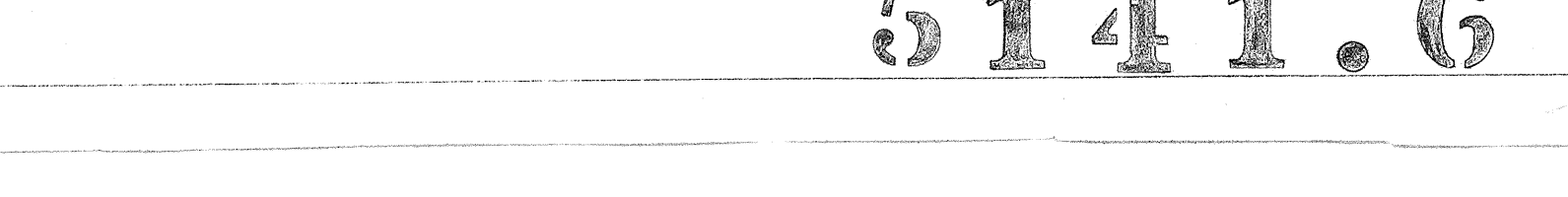
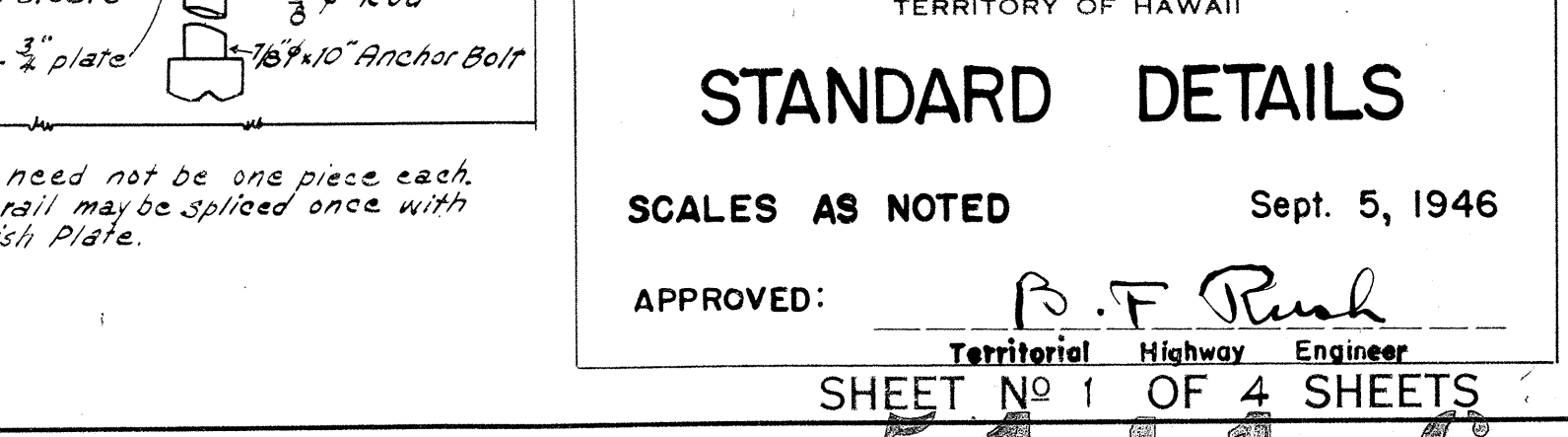
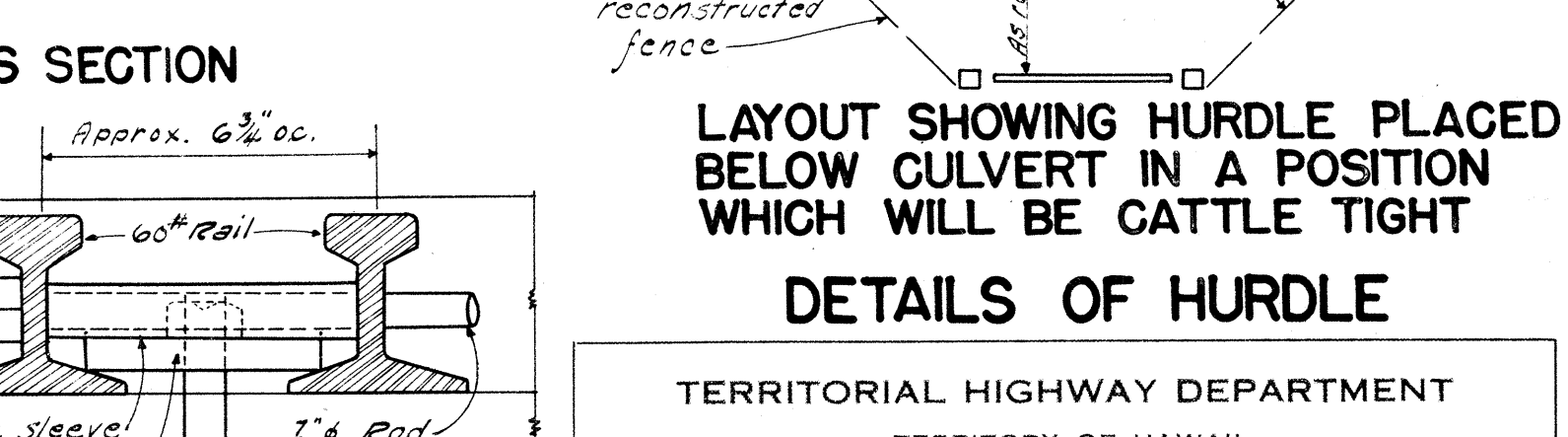
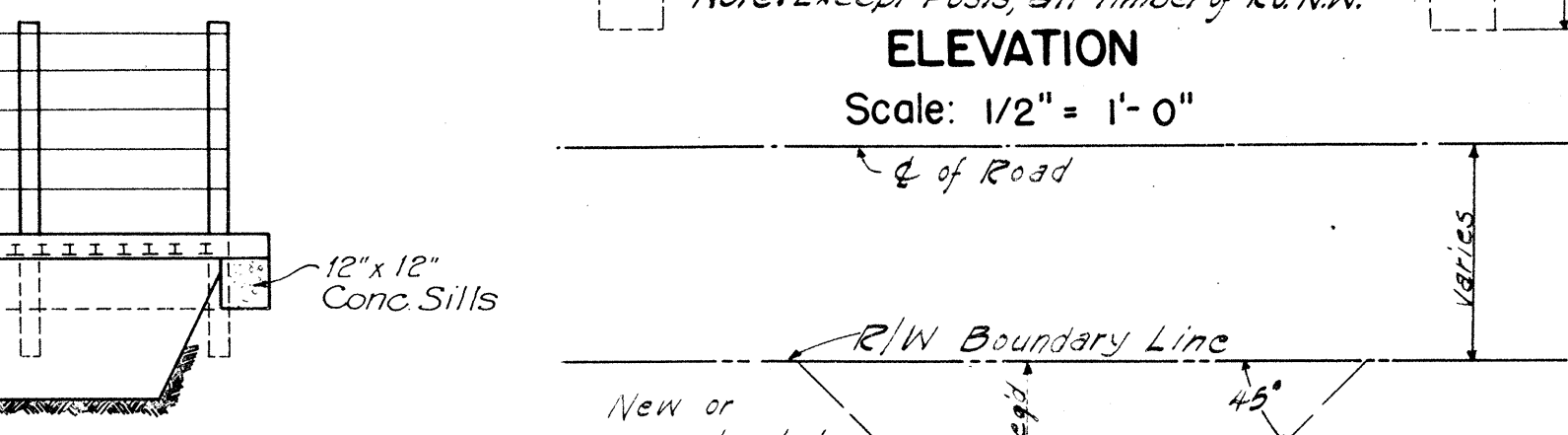
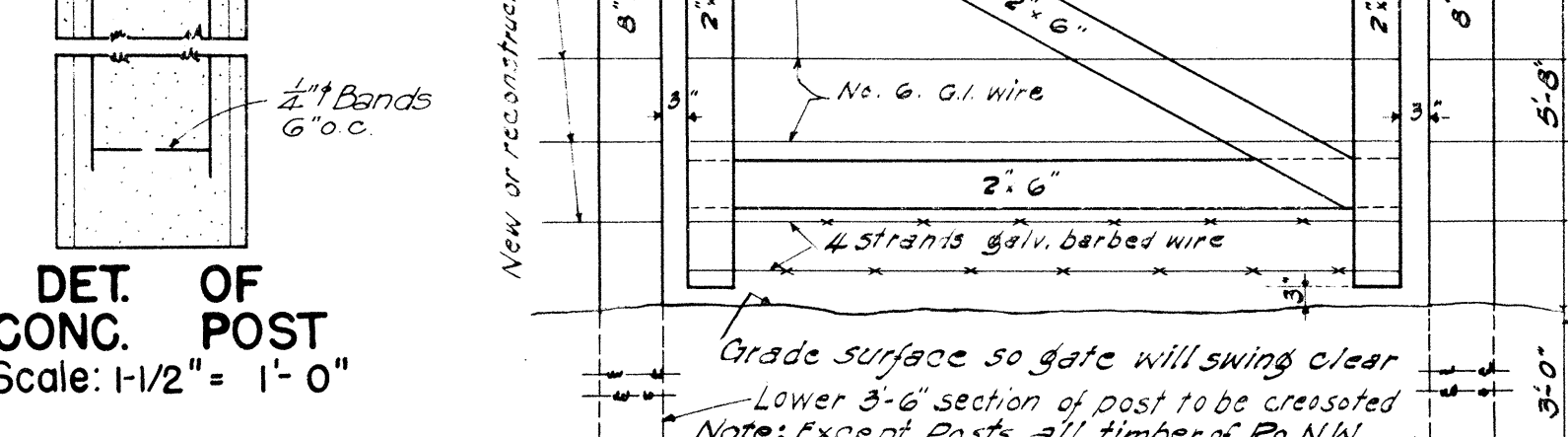
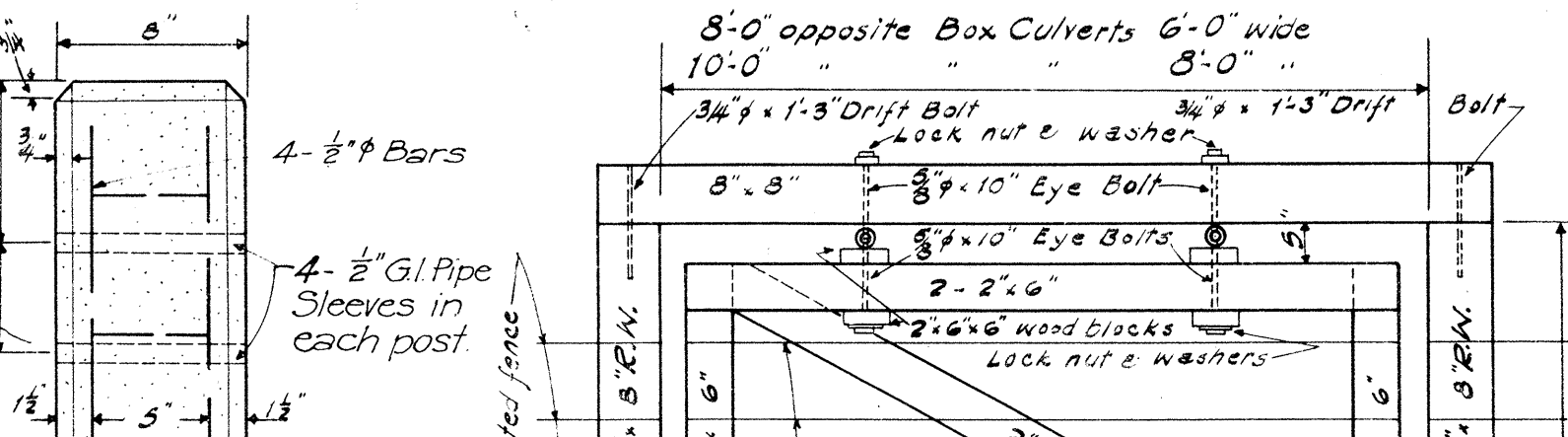
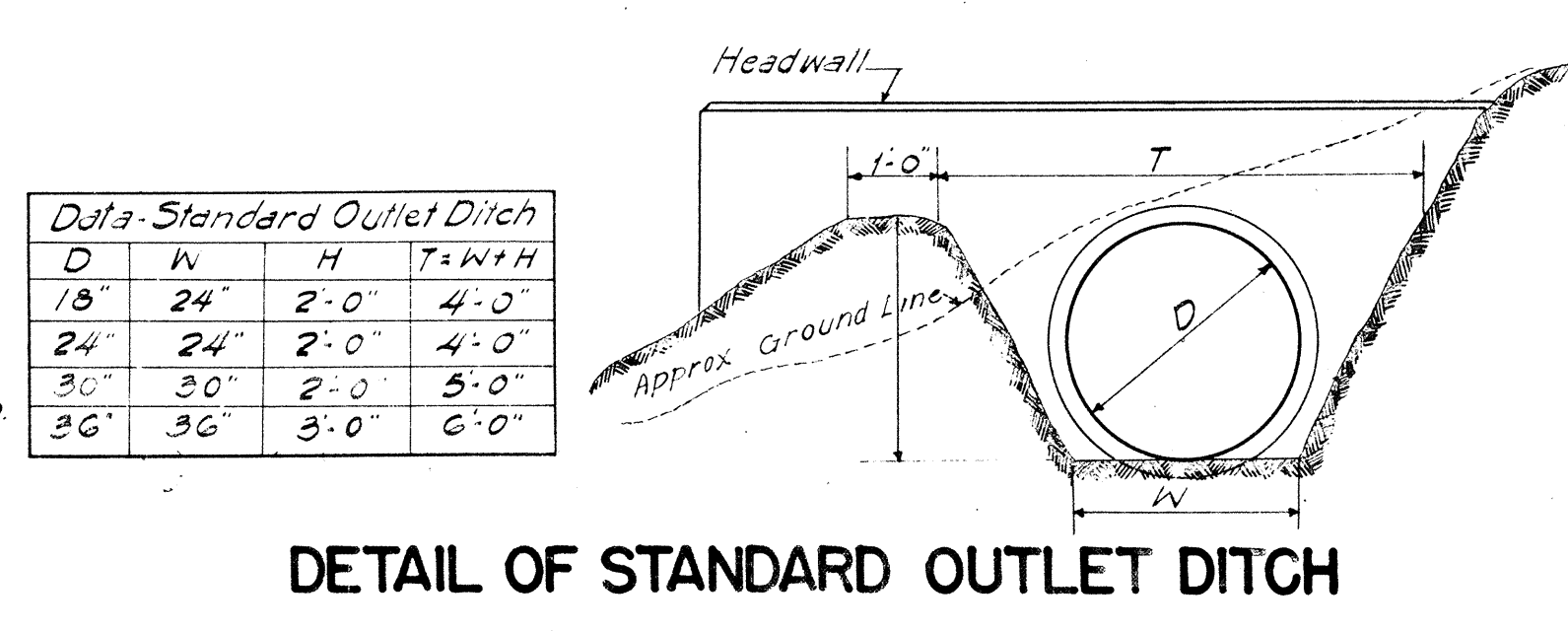


Data-Standard Rubble Masonry H.W.

Cu. Yds.	Cu. Yds.	D	H	B	L	Ck. one H.W.
0.85	0.95	18"	3'-6"	1'-0"	6'-0"	0.93
1.23	1.45	24"	4'-0"	2'-0"	7'-6"	1.41
1.33	2.06	30"	4'-6"	2'-3"	9'-0"	2.00
2.49	2.84	36"	5'-0"	2'-6"	10'-6"	2.72

STANDARD MASONRY HEADWALL

Scale: 1/2" = 1'-0"



DATE: _____
DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
NOTED BY: _____
QUANTITIES CHECKED BY: _____

LAYOUT SHOWING HURDLE PLACED BELOW CULVERT IN A POSITION WHICH WILL BE CATTLE TIGHT

DETAILS OF HURDLE

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

STANDARD DETAILS

SCALES AS NOTED Sept. 5, 1946

APPROVED: *B. F. Pugh*
Territorial Highway Engineer

SHEET NO. 1 OF 4 SHEETS

5141.6

