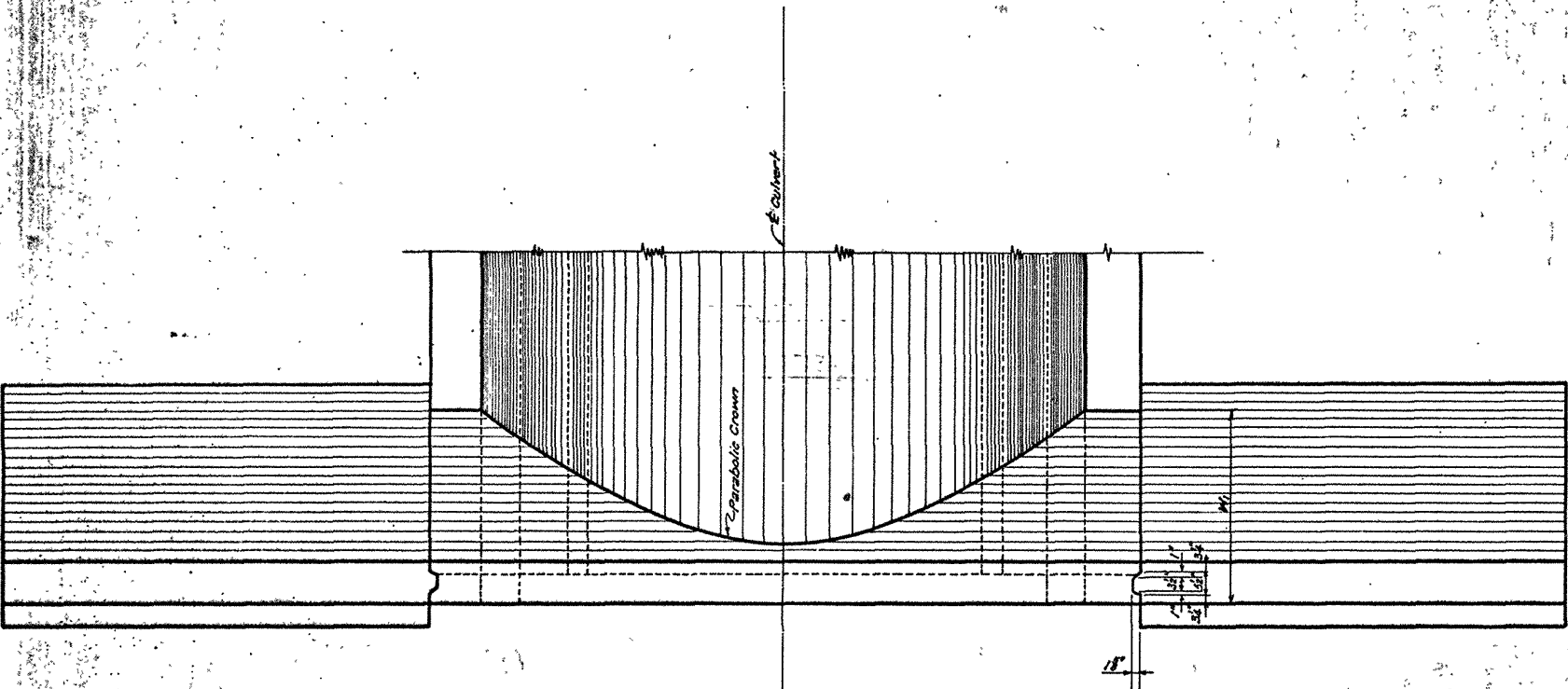
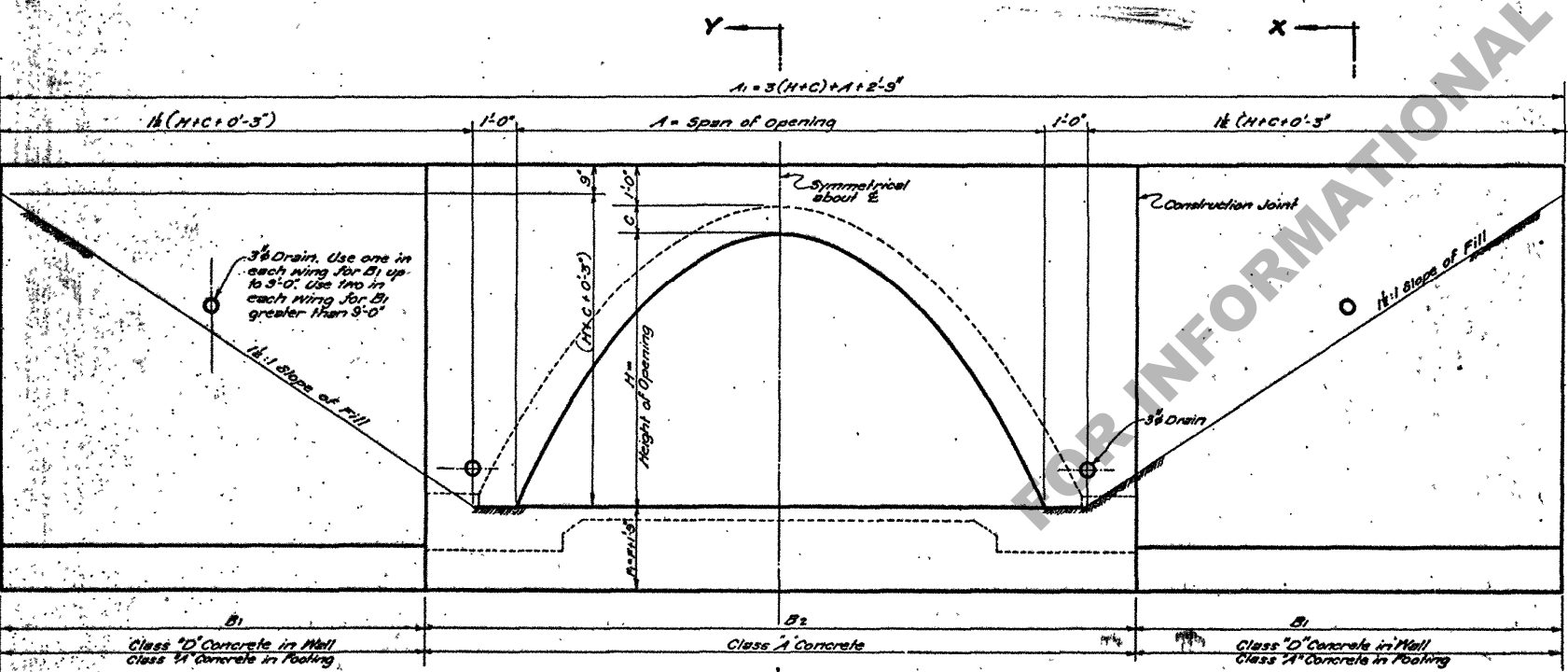


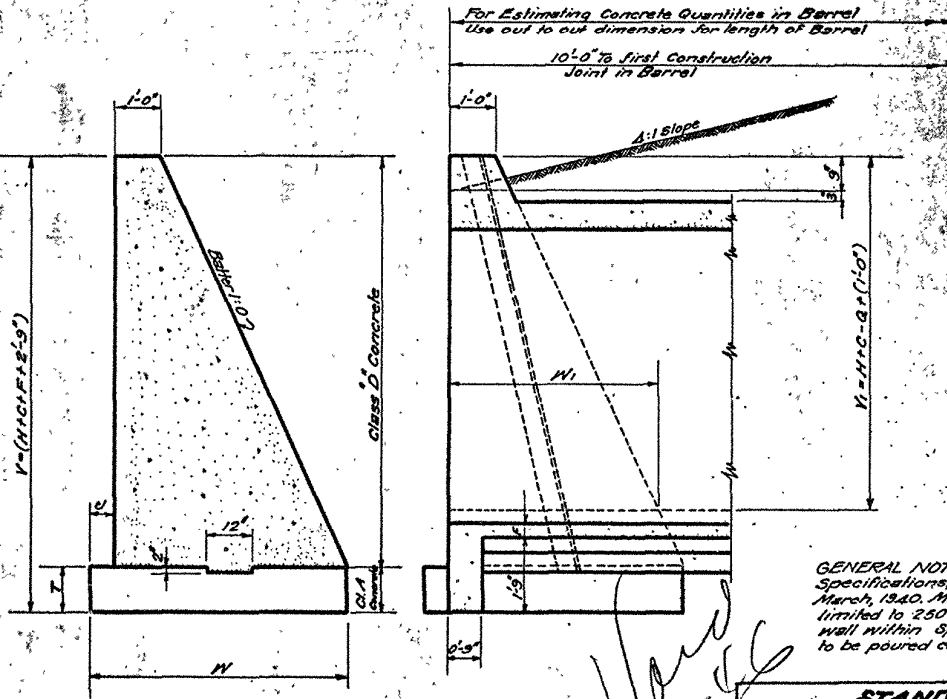


PART PLAN



FRONT ELEVATION

DIMENSIONS															Estimate of Concrete (One Headwall)		
A	B	C	H	F	Y	W	U	T	A ₁	B ₁	F ₁	Y ₁	Ball X	M ₁	B ₂	Class A	Class O
3-5½	4-2½	0-4	1-9	0-4	5-2	2-1½	0-0	0-0	12-5½	3-7½	2-1	2-1½	.37037	2-1½	5-8	0.77	2.69
4-3½	5-0½	0-4	2-2	0-4	5-7	3-2	0-0	0-0	14-6½	4-2½	2-1	3-1½	.38007	2-3½	6-1	0.88	3.64
4-1½	5-8½	0-4	2-6	0-4	6-1½	3-5	0-0	0-0	16-2½	4-7½	2-1	3-8½	.40845	2-6½	6-11	1.21	4.50
5-6½	6-5½	0-4	2-10	0-4	6-5	3-7	0-0	0-0	17-3½	5-0½	2-1	4-0	.41555	2-7½	7-8	1.42	5.36
6-0½	6-1½	0-4	3-1	0-4	6-6	3-9	0-0	0-0	19-0½	5-4½	2-1	4-5	.42308	2-9½	8-5	1.65	6.16
6-1½	8-2	0-4½	3-7	0-4	7-0½	4-0	0-0	0-0	21-6½	6-1	2-1	4-9½	.42604	3-0½	9-4½	1.99	7.93
7-8½	9-1½	0-5	4-0	0-4	7-6	4-4	0-0	0-0	23-5½	6-7½	2-1	5-2½	.44444	3-3½	10-8	2.43	9.84
8-10½	10-4½	0-6½	4-7	0-4	8-1½	4-8	0-0	0-0	26-8½	7-5½	2-1	5-10	.45129	3-7½	11-10½	3.10	12.67
10-3½	12-1½	0-6½	5-4	0-4	8-1½	5-2	0-0	0-0	30-7½	8-4½	2-1	6-7½	.46312	4-1	13-10½	4.12	17.18
11-9½	13-4½	0-7	5-11	0-4	9-7	5-6	0-0	0-0	33-2½	9-1½	2-1	7-3	.46957	4-6½	15-5	5.27	21.06
12-4½	14-6½	0-7½	6-5	0-4	10-1½	5-9	0-6	1-0	36-3½	9-9½	2-1	7-9	.49315	4-9½	16-7½	6.50	20.75
13-8½	16-0½	0-8½	7-1	0-4½	10-1½	6-3	0-6	1-0	39-5½	10-7½	2-1½	8-6	.47899	5-0½	18-7½	7.81	26.26
15-1½	17-3½	0-9½	7-10	0-5	11-3½	6-5	0-7	1-0	43-5½	11-5½	2-2	9-3½	.47877	6-5½	20-5½	10.06	32.89
16-1½	18-10½	0-10	8-4	0-5	12-4	7-3	0-8	1-0	46-4½	12-0½	2-2	9-10	.49266	8-10½	22-8	11.32	38.29
18-3½	21-8½	1-0	9-6	0-6	13-9	8-8	1-1	1-2	52-6½	13-7½	2-3	11-2	.50332	6-7½	25-4	15.29	52.78



SECTION X-X

SECTION Y-Y

NOT APPROVED

GENERAL NOTES:-
Specifications, Le Highway Commission
March, 1940. Maximum soil pressure
limited to 2500#/sq ft. Portion of wing
wall within span B₂ and arch ring
to be poured continuous.

STANDARD PLAN
GRAVITY WING WALL FOR SINGLE OR
MULTIPLE OPENING PLAIN CONCRETE ARCH
CULVERTS

DESIGNED *C. E. Huber* CHECKED *E. P. P.* TRACES *C. E. Huber*

DATE _____ IN CHARGE OF _____

REVISIONS