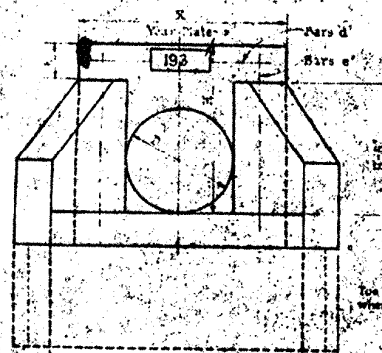
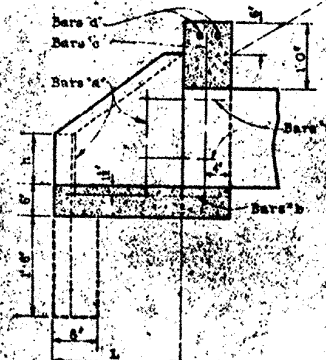




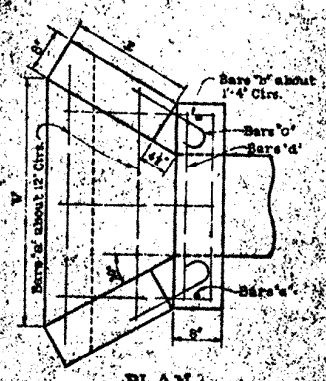
FRONT ELEVATION



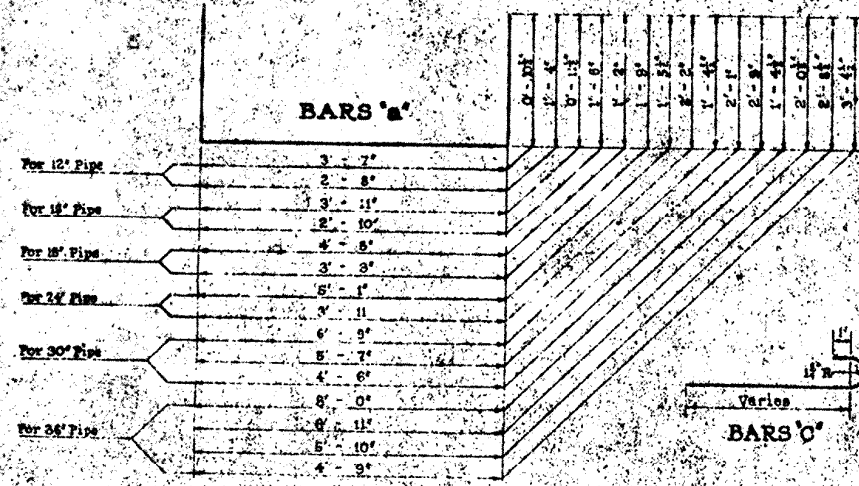
SECTION ON A

TABLE OF DIMENSIONS

D	V	X	H	h	L	B
12"	2'-10"	2'-6"	2'-0"	6"	1'-7"	1'-5"
18"	3'-5"	2'-9"	2'-0"	7"	1'-8"	1'-7"
24"	4'-1"	3'-0"	2'-6"	9"	1'-10"	1'-9"
30"	4'-7"	3'-6"	3'-0"	12"	2'-3"	2'-2"
36"	5'-1"	4'-0"	3'-6"	15"	2'-9"	2'-8"



PLAN



All Reinf Bars 1" ²⁰

QUANTITIES FOR ONE HEADWALL

PLAN OF PIPE	Bars a'			Bars b'			Bars c'			Bars d'			Bars e'			Cu. Yds. Concrete		Steel Lbs.
	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	Without Top Wall	With Top Wall				
12"	2	3' 10"	3	1' 10"	4	1' 6"	2	2' 3"	2	2' 0"	2	2' 0"	.51	.44	88			
15"	2	3' 10"	3	1' 11"	4	1' 6"	2	2' 3"	2	2' 0"	2	2' 0"	.53	.43	76			
18"	2	3' 3"	3	2' 8"	4	1' 6"	2	2' 3"	2	2' 0"	2	2' 0"	.48	.41	51			
24"	1	3' 3"	3	2' 3"	4	1' 6"	2	3' 3"	2	3' 0"	2	3' 0"	.62	.62	38			
30"	1	3' 6"	2	2' 3"	6	1' 6"	2	3' 3"	2	3' 0"	2	3' 0"	.88	1.14	54			
36"	1	10' 9"																
	1	11' 9"	4	3' 10"	6	1' 6"	2	1' 3"	2	4' 0"			1.20	1.50	73			
	1	11' 6"																