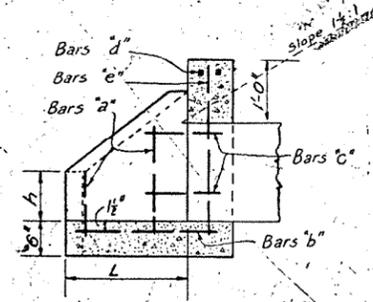


FRONT ELEVATION



PLAN

TABLE OF DIMENSIONS

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

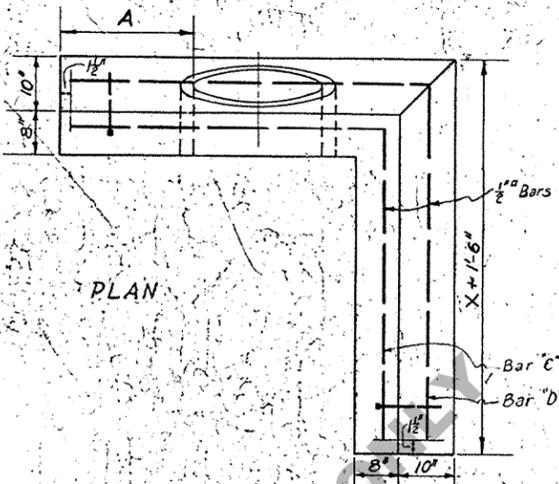
QUANTITIES FOR ONE HEADWALL

Diam. Pipe	Bars d' 1/2"		Bars b' 1/2"		Bars c' 1/2"		Bars d' 1/2"		Bars e' 1/2"		TOTAL QUANTITIES	
	No.	Length	CONCRETE CU. YDS.	STEEL LBS.								
15"	2	5'-10"	3	1'-11"	4	1'-6"	2	2'-6"	2	2'-3"	.38	27.98
18"	2	6'-9"	3	2'-0"	4	1'-6"	2	2'-9"	2	2'-6"	.45	30.60
24"	1	8'-3"	3	2'-3"	4	1'-6"	2	3'-3"	2	3'-0"	.62	35.27
30"	1	9'-6"	2	3'-3"	6	1'-6"	2	3'-9"	2	3'-6"	.89	54.19
36"	1	10'-9"	2	2'-3"	6	1'-6"	2	4'-3"	2	4'-0"	1.20	72.53

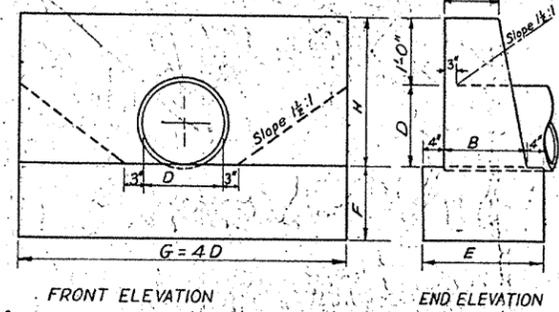
DIMENSIONS AND QUANTITY OF CONCRETE FOR ONE HEADWALL

D	G	H	B	E	F	CONCRETE CU. YDS.
15"	5'-0"	2'-3"	1'-2"	1'-10"	1'-2"	.75
18"	6'-0"	2'-6"	1'-3"	1'-11"	1'-3"	1.01
24"	8'-0"	3'-0"	1'-4"	2'-0"	1'-4"	1.56
30"	10'-0"	3'-6"	1'-6"	2'-2"	1'-6"	2.41
36"	12'-0"	4'-0"	1'-8"	2'-4"	1'-8"	3.48

STRAIGHT HEADWALL

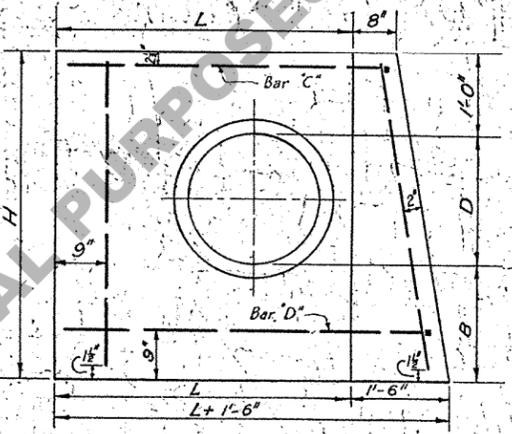


PLAN

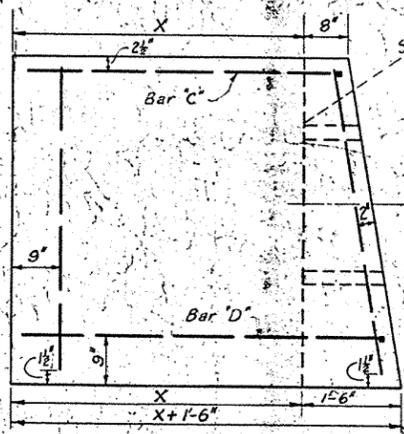


FRONT ELEVATION

END ELEVATION



FRONT ELEVATION



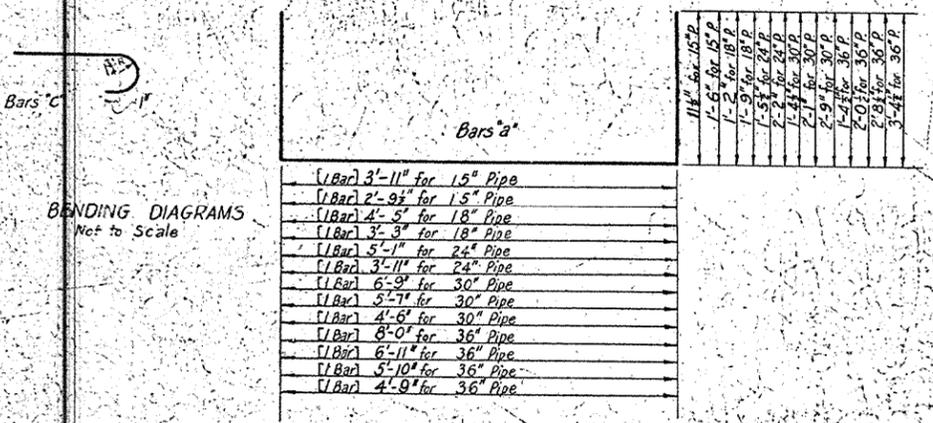
SIDE ELEVATION

NOTE: All bars 1/2"

TABLE OF DIMENSIONS AND QUANTITIES FOR L HEADWALL

D	L	H	X	B	A	CONCRETE CU. YDS.	STEEL LBS.
15"	4'-0 1/2"	3'-7"	3'-7 1/2"	1'-4"	2'-2 1/2"	1.21	21.6
18"	4'-10 1/2"	4'-0"	4'-0"	1'-6"	2'-5 1/2"	1.52	24.4
24"	6'-2 1/2"	4'-9"	4'-9"	1'-9"	3'-0"	2.07	29.2
30"	7'-4"	5'-6"	5'-6"	2'-0"	3'-7"	2.83	33.6
36"	8'-5 1/2"	6'-3"	6'-3"	2'-3"	4'-2"	3.62	37.5

L HEADWALL



FLARING WING WALLS

This Headwall to be used unless otherwise specified.

STANDARD PLAN
PIPE CULVERT HEADWALLS
FOR 15"-36" PIPES

LOUISIANA HIGHWAY COMMISSION

Baton Rouge, La.

Scale: 3/4" = 1'-0"

July 1929

Revised 2/17/31 By W.O.W.P.