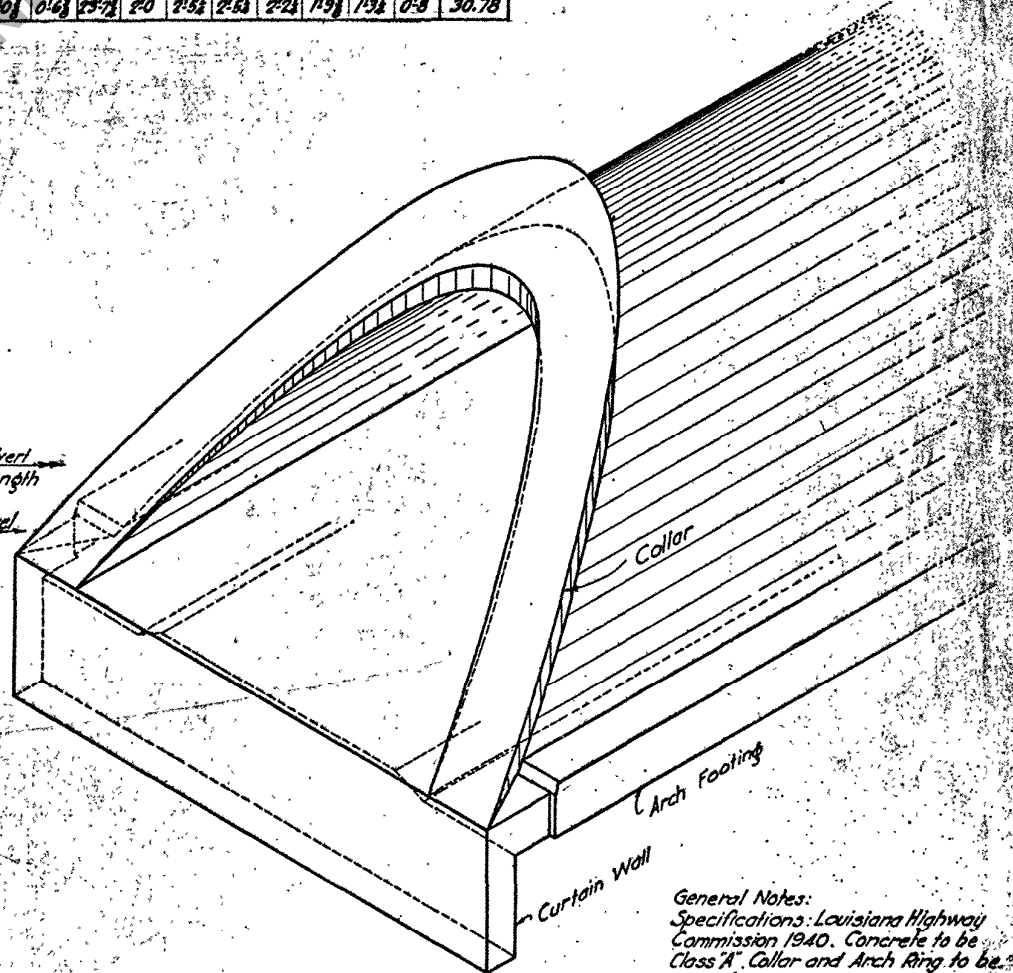
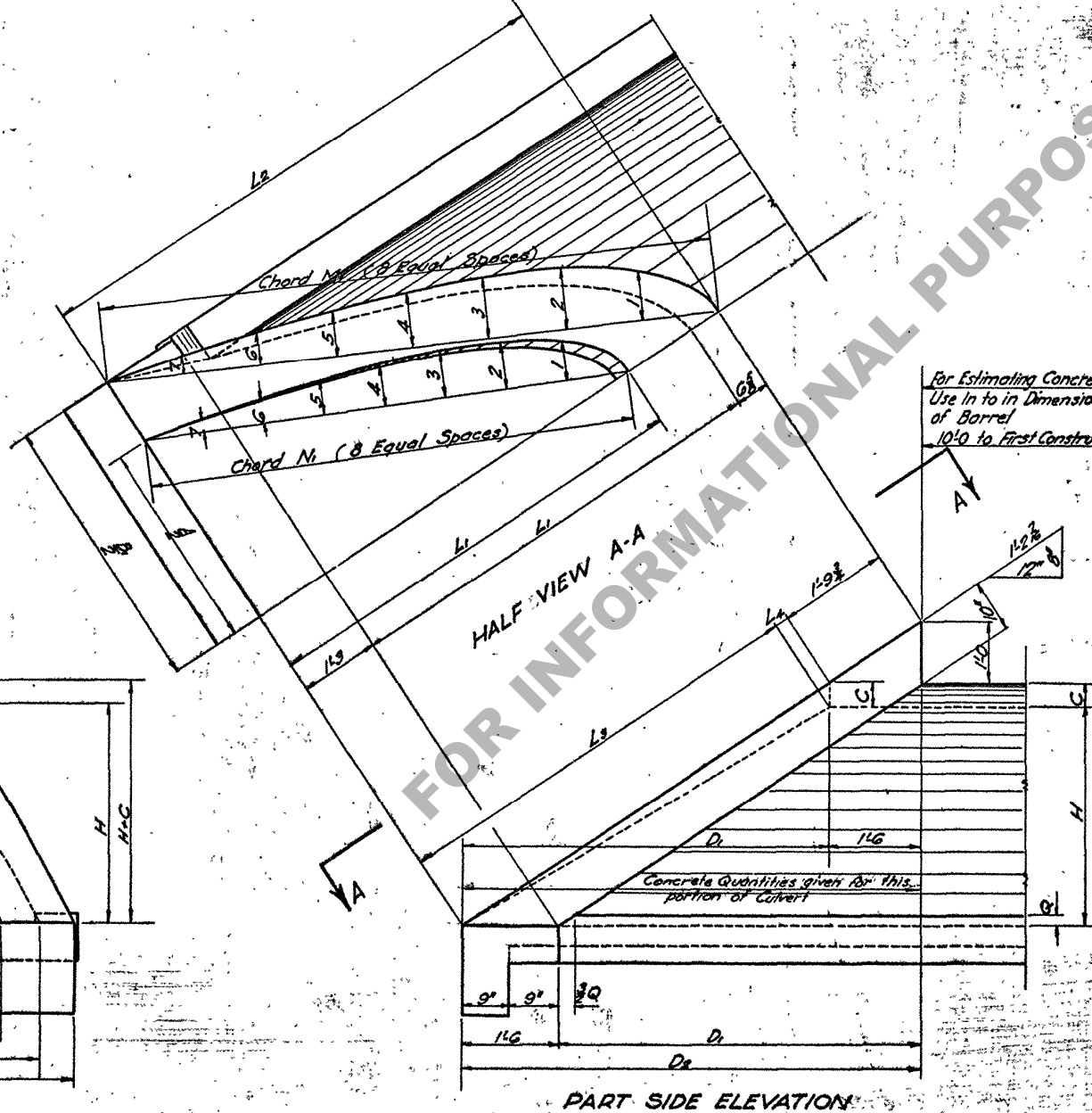
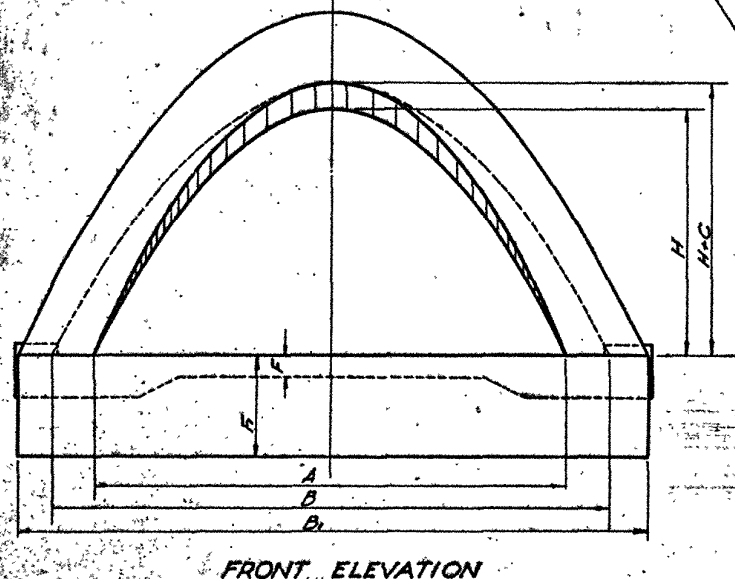
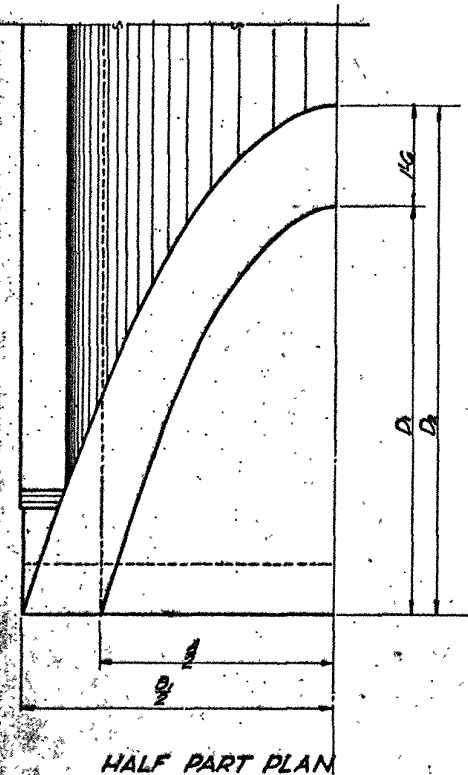


DIMENSIONS														TEMPLATE FOR COLLAR														ESTIMATE OF CONCRETE QUANTITY (cu ft)		
														INTRADOS							EXTRADOS									
A	B	C	H	Q	F	F	B ₁	D ₁	D ₂	L ₁	L ₂	L ₃	L ₄	CHORD IN	1	2	3	4	5	6	7	CHORD OUT	1	2	3	4	5		6	7
3'5"	4'2"	0'4	1'9	0'1	0'4	2'1	5'1	3'1	4'7	3'9	5'6	3'6	0'2	4'1	0'4	0'4	0'4	0'4	0'3	0'2	0'1	6'1	0'5	0'6	0'6	0'6	0'4	0'3	0'1	1.04
4'3	5'0	0'4	2'2	0'1	0'4	2'1	5'11	3'9	5'3	4'6	6'3	4'9	0'2	4'11	0'4	0'5	0'5	0'5	0'4	0'2	0'1	6'11	0'6	0'8	0'7	0'7	0'5	0'4	0'2	1.30
4'11	5'8	0'4	2'6	0'1	0'4	2'1	6'7	4'3	5'9	5'1	6'11	4'11	0'2	5'8	0'5	0'6	0'6	0'5	0'4	0'3	0'1	7'8	0'7	0'8	0'8	0'7	0'6	0'4	0'2	1.54
5'6	6'5	0'4	2'10	0'2	0'4	2'1	7'5	4'9	6'3	5'8	7'6	5'6	0'2	6'4	0'6	0'7	0'7	0'6	0'5	0'3	0'1	8'4	0'8	0'10	0'10	0'8	0'7	0'5	0'2	1.90
6'0	6'11	0'4	3'1	0'2	0'4	2'1	7'11	5'1	6'7	6'2	7'11	5'11	0'2	6'10	0'6	0'8	0'7	0'7	0'5	0'4	0'2	8'10	0'8	0'10	0'10	0'9	0'7	0'5	0'2	2.16
6'11	8'2	0'4	3'7	0'2	0'4	2'1	9'1	5'1	7'5	7'1	8'11	6'11	0'2	7'11	0'7	0'9	0'9	0'8	0'6	0'4	0'2	10'0	0'10	1'0	1'0	0'10	0'8	0'6	0'3	2.86
7'8	9'1	0'5	4'0	0'2	0'4	2'1	10'1	6'7	8'1	7'11	9'1	7'8	0'2	8'10	0'8	0'10	0'10	0'9	0'7	0'5	0'2	11'0	0'10	1'1	1'1	0'10	0'9	0'6	0'3	3.36
8'10	10'4	0'5	4'7	0'2	0'4	2'1	11'4	7'6	9'0	9'1	10'0	8'10	0'3	10'1	0'9	0'11	0'11	0'10	0'8	0'6	0'3	12'3	1'0	1'2	1'2	1'1	1'0	0'7	0'4	4.60
10'3	12'1	0'6	5'4	0'3	0'4	2'1	13'1	8'19	10'3	10'7	12'4	10'3	0'3	11'9	0'11	1'1	1'1	1'0	0'9	0'7	0'3	14'0	1'1	1'5	1'5	1'4	1'3	0'8	0'4	6.47
11'5	13'4	0'7	5'11	0'3	0'4	2'1	14'4	9'19	11'3	11'9	13'6	11'5	0'3	13'0	1'0	1'3	1'3	1'1	0'10	0'7	0'4	15'3	1'3	1'6	1'6	1'4	1'1	0'8	0'4	8.11
12'4	14'6	0'7	6'5	0'3	0'4	2'1	15'6	10'6	12'0	12'0	14'6	12'3	0'4	14'1	1'1	1'4	1'4	1'2	0'10	0'8	0'4	16'5	1'4	1'8	1'8	1'6	1'2	0'10	0'5	9.86
13'8	16'0	0'8	7'1	0'3	0'4	2'1	17'0	11'0	13'2	14'0	15'10	13'7	0'4	15'7	1'3	1'6	1'6	1'4	1'1	0'9	0'4	18'0	1'6	1'10	1'10	1'8	1'4	0'11	0'6	13.08
15'1	17'9	0'9	7'10	0'4	0'5	2'2	18'9	12'11	14'5	15'6	17'14	15'1	0'5	17'3	1'4	1'8	1'8	1'6	1'3	0'10	0'5	19'9	1'7	2'0	2'0	1'9	1'5	1'0	0'6	17.82
16'14	18'10	0'10	8'4	0'4	0'5	2'2	19'11	13'9	15'3	16'6	18'14	16'14	0'5	18'14	1'5	1'9	1'9	1'7	1'3	0'10	0'5	20'10	1'8	2'1	2'1	1'10	1'6	1'1	0'7	21.11
18'3	21'8	1'0	9'6	0'4	0'6	2'3	22'8	15'9	17'3	18'11	20'8	18'4	0'6	21'0	1'6	2'0	2'0	1'9	1'5	1'0	0'6	23'7	2'0	2'5	2'5	2'2	1'9	1'3	0'8	30.78



General Notes:
Specifications: Louisiana Highway Commission 1940. Concrete to be Class A. Collar and Arch Ring to be Poured Continuous.

NOT APPROVED

STANDARD PLAN			
COLLAR-HEADWALL FOR SINGLE OR MULTIPLE-OPENING PLAIN CONCRETE ARCH CULVERT			
DATED October 1942			
STATE OF LOUISIANA DEPARTMENT OF HIGHWAYS			
DESIGNED	BY	CHECKED	BY
IN CHARGE OF	HEAD	DESIGNER	

CC-53-B