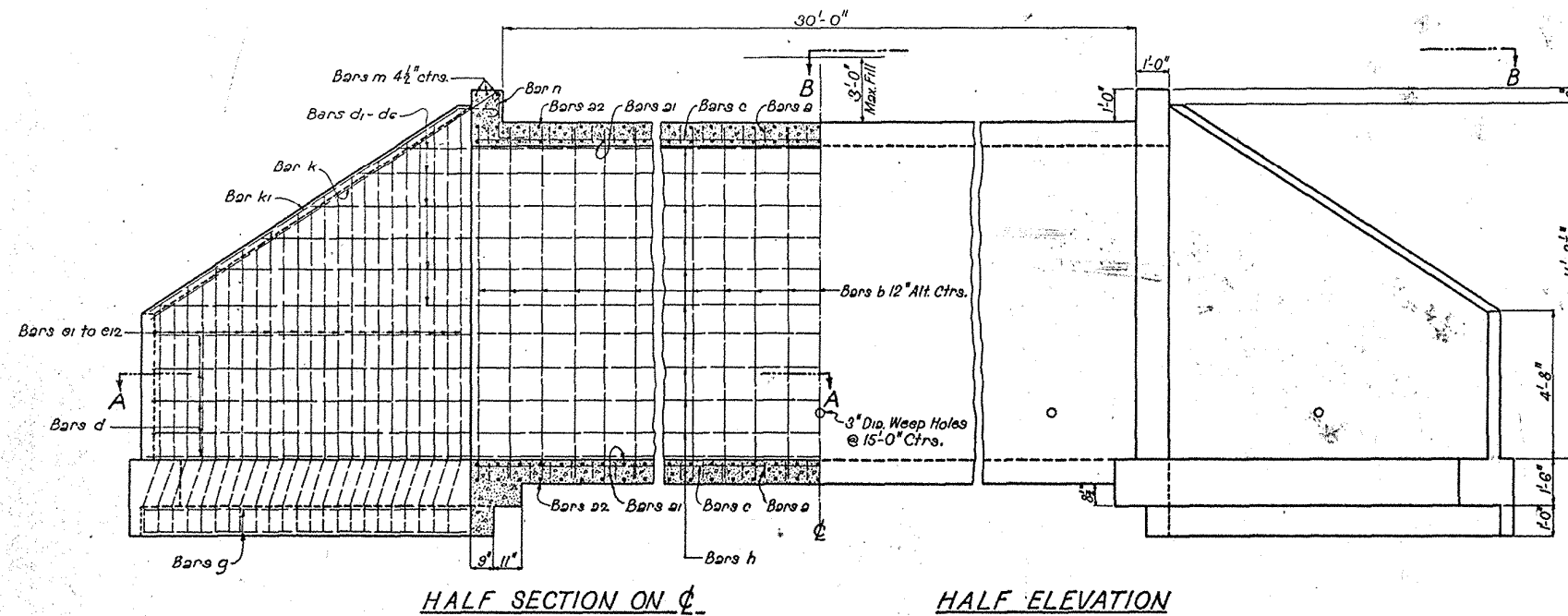
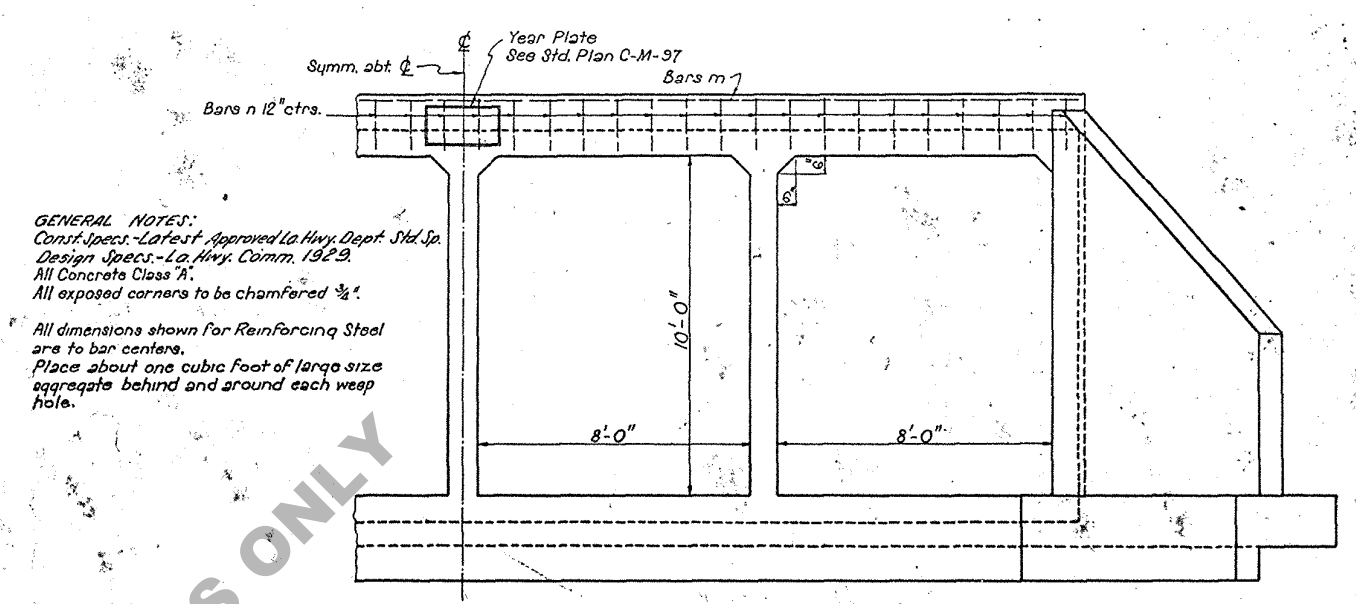


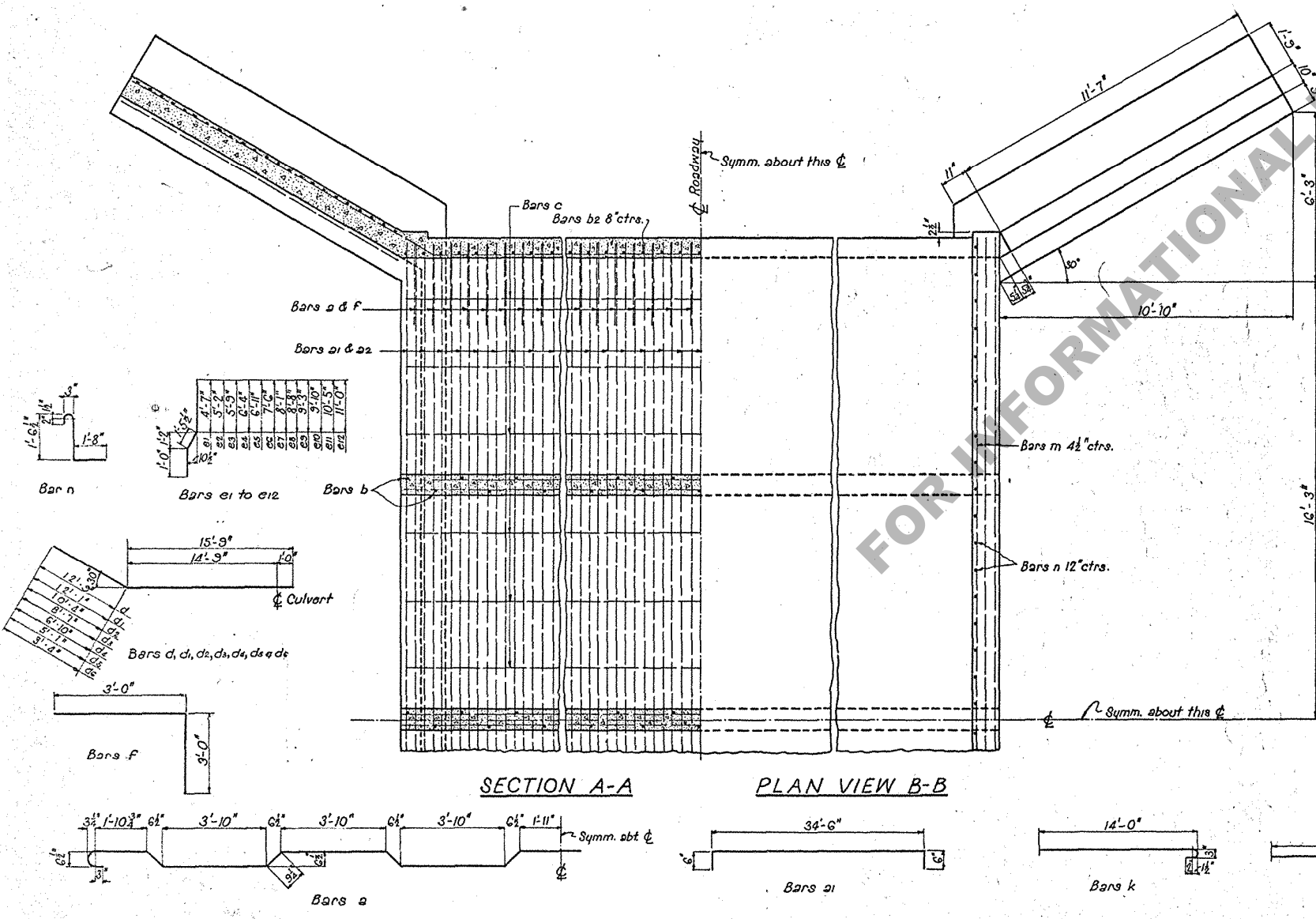


HALF SECTION ON ϕ

HALF ELEVATION

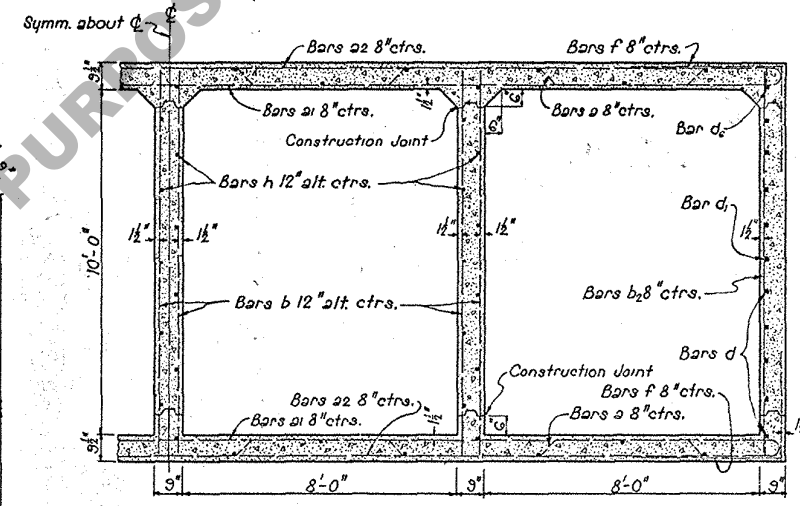


HALF END ELEVATION

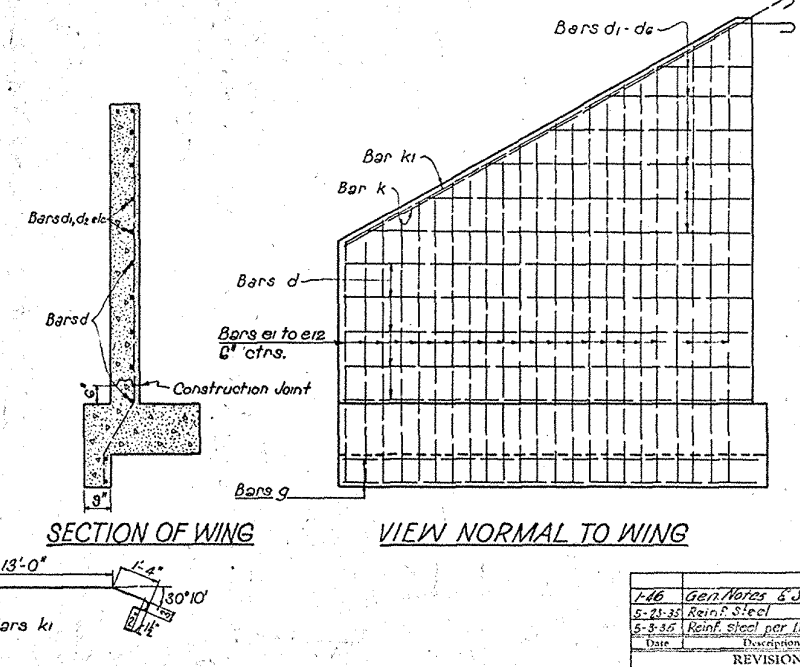


SECTION A-A

PLAN VIEW B-B



HALF SECTION OF BARREL



SECTION OF WING

VIEW NORMAL TO WING

QUANTITIES FOR 30FT. CULVERT					
Bar	No.	Size	Unit Length	Total Length	Location
a	96	1/2"	39'-0"	3744'-0"	Top & Bot. Slabs
a1	96	"	35'-6"	3408'-0"	"
a2	96	"	35'-6"	3408'-0"	"
b	96	"	11'-4"	1088'-0"	Int. Walls
b2	98	"	11'-4"	1110'-8"	Outside Walls
c	24	"	31'-9"	762'-0"	Top & Bot. Slabs
d	20	"	28'-6"	570'-0"	Wing Walls
ditto to 1 each				563'-0"	"
e1	8	"	7'-0 1/2"	56'-4"	"
e2	8	"	7'-7 1/2"	61'-0"	"
e3	8	"	8'-2 1/2"	65'-8"	"
e4	8	"	8'-9 1/2"	70'-4"	"
e5	8	"	9'-4 1/2"	75'-0"	"
e6	8	"	9'-11 1/2"	79'-8"	"
e7	8	"	10'-6 1/2"	84'-4"	"
e8	8	"	11'-1 1/2"	89'-0"	"
e9	8	"	11'-8 1/2"	93'-8"	"
e10	8	"	12'-3 1/2"	98'-4"	"
e11	8	"	12'-10 1/2"	103'-0"	"
e12	4	"	13'-5 1/2"	53'-10"	"
f	192	"	6'-0"	1152'-0"	Top & Bot. Slabs
g	8	"	12'-0"	96'-0"	Footings
h	33	"	31'-9"	1047'-9"	Int. Walls
k	4	"	14'-5"	57'-8"	Wing Walls
kl	4	"	14'-9"	59'-0"	"
m	6	"	35'-9"	214'-6"	Curb
n	72	"	3'-7 1/2"	267'-0"	"
Total Reinforcing Steel				18471'-9"	15701 Pounds
Total Class "A" Concrete				143.03 Cu. Yds.	
Additional Quantities Per Lin. Ft. of Barrel					
Reinforcing Steel				436.05 Pounds	
Class "A" Concrete				3.82 Cu. Yds.	

STANDARD PLAN
REINFORCED CONCRETE BOX CULVERT
4-8 FT. x 10 FT. OPENINGS- 32'-0" CLEAR SPAN
SCALE 3/8" = 1'-0"

LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA. NOVEMBER 15, 1935

DESIGNED BY *W. B. Marshall* CHECKED BY *W. B. Marshall*
 DRAWN BY *W. B. Marshall* CHECKED BY *W. B. Marshall*
 IN CHARGE OF *W. B. Marshall* BRIDGE DESIGNING ENGINEER