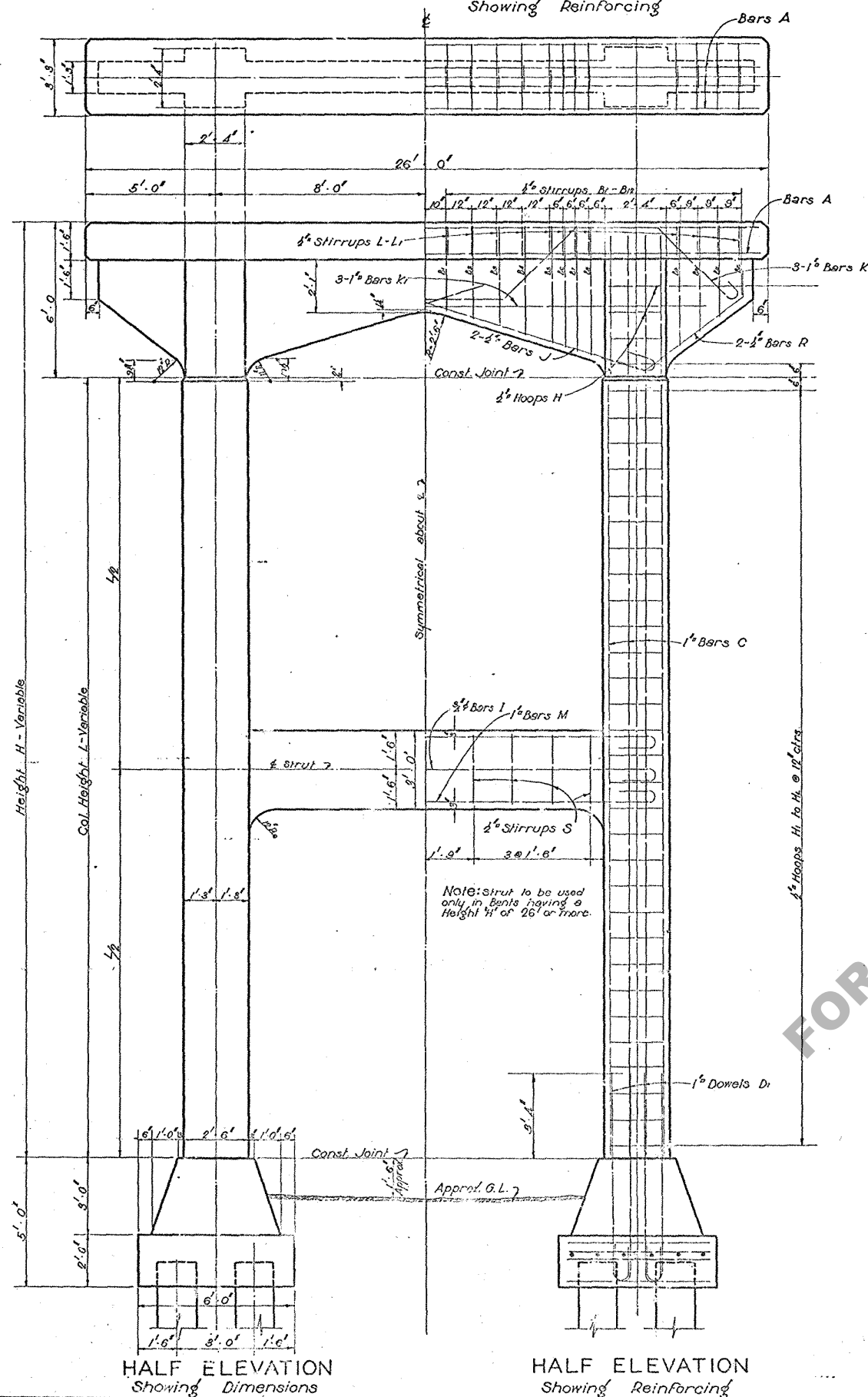
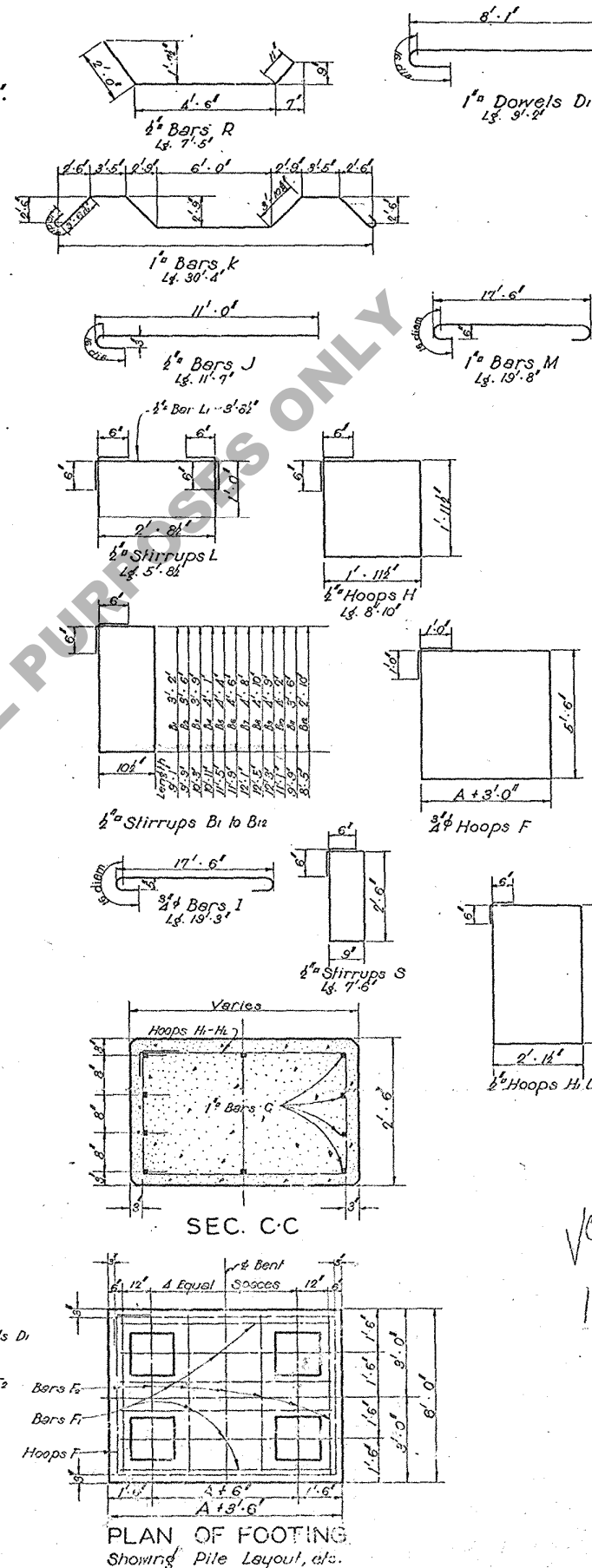
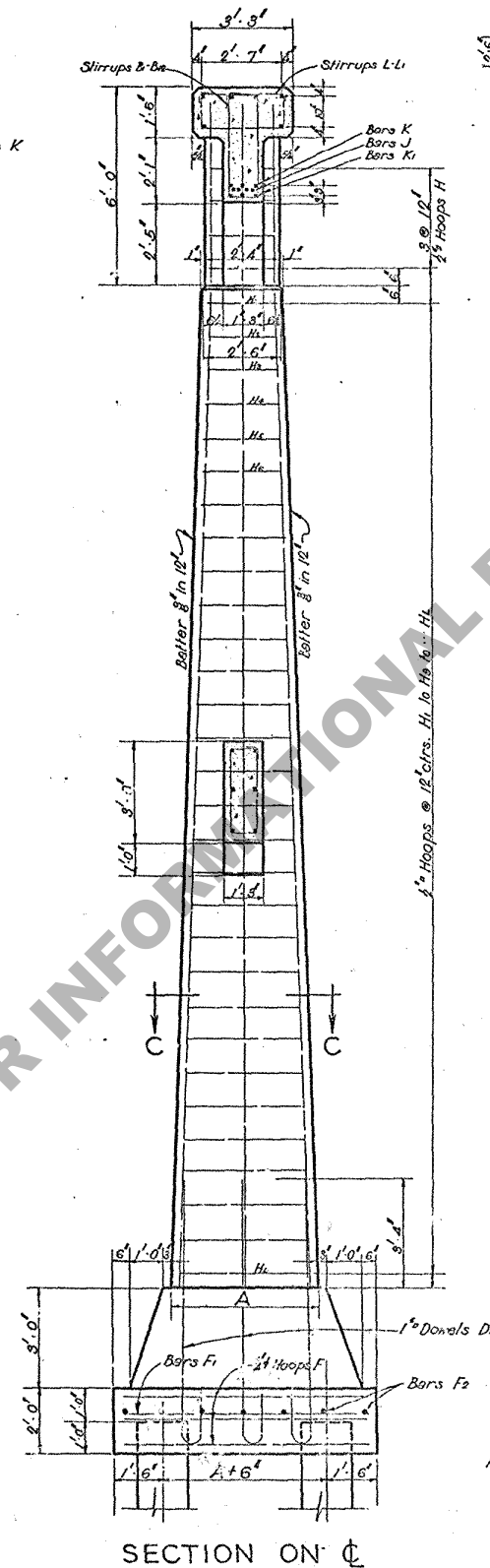


HALF PLAN CAP
Showing Reinforcing



*Louisiana Highway Commission Specifications
to govern. Concrete to be Class 'A'.
All dimensions to reinforcing steel
are to Bar centers. Bar Splices are
allowed only where shown. All exposed
corners to have 1/4" chamfer unless noted.
All exposed concrete to have 'Rubbed Finish'.*



REINFORCING STEEL IN ONE BENT				
Mark	Nº	Size	Length	Location
A	6	2 ¹ / ₂ "	25'-6"	Long. in Cap
B ₁	2	"	3'-1"	Stirrups in Cap
B ₂	2	"	9'-9"	"
B ₃	2	"	10'-3"	"
B ₄	2	"	10'-11"	"
B ₅	2	"	11'-5"	"
B ₆	2	"	11'-9"	"
B ₇	2	"	12'-1"	"
B ₈	2	"	12'-5"	"
B ₉	2	"	12'-3"	"
B ₁₀	2	"	11'-1"	"
B ₁₁	2	"	9'-9"	"
B ₁₂	2	"	8'-5"	"
R	4	"	7'-5"	Cap Overhang
H	8	"	8'-10"	Columns
H ₁ -H ₈	2 ea.	"	Varies	"
L	24	"	5'-8 ¹ / ₂ "	Cap
J	4	"	11'-7"	"
L ₁	24	"	3'-8 ¹ / ₂ "	"
S	9	"	7'-6"	Strut
D ₁	20	1 ¹ / ₂ "	9'-2"	Column to Footing
C	20	"	14'-6"	Columns
K	3	"	30'-4"	Cap
K ₁	3	"	21'-6"	"
F	6	2 ¹ / ₂ "	19'0" + 2A	Footing
M	4	1 ¹ / ₂ "	19'-8"	Strut
F ₁	12	2 ¹ / ₂ "	A + 3'0"	Footing
F ₂	14	"	5'-6"	"
I	2	"	19'-3"	Strut

QUANTITIES			
H Bent Hgt	A	Class A Concrete Cu. Yds.	Reinf. Steel Lbs.
40'-0"	4'-7½"	45.94	6067
38'-0"	4'-6"	44.03	5830
36'-0"	4'-4½"	42.13	5694
34'-0"	4'-3"	40.34	5579
32'-0"	4'-1½"	38.57	5325
30'-0"	4'-0"	36.84	5141
28'-0"	3'-10½"	35.16	4959
26'-0"	3'-9"	33.53	4777
24'-0"	3'-7½"	32.05	4213
22'-0"	3'-6"	30.50	4033
20'-0"	3'-4½"	27.01	3854
18'-0"	3'-3"	25.56	3676
16'-0"	3'-1½"	24.16	3498
14'-0"	3'-0"	22.80	3322
12'-0"	2'-10½"	21.49	3146
10'-0"	2'-9"	20.23	2971

Concrete Quantities shown are for 14" Piles deducted.
For 16" Piles, deduct 0.13 cu.yds. from above Quan.
For 18" " " 0.27 " "
When Timber Piles are used, add .40 cu.yds. to
quantities shown then subtract actual cu.yds.
occupied by piles used.

STANDARD PLAN
REINF. CONCRETE COL. BENT
FOR STD. R.C. DECK GIRDER SPANS
OF 32 TO 40 FT - 24' RDWY

LOUISIANA HIGHWAY COMMISSION

			LOUISIANA HIGHWAY COMMISSION		
			BATON ROUGE, LA.		May 1937
1-10-37	Revised Steel Over.	1/16	DESIGNED L.O.B.	DETAILED L.O.B.	RECEIVED Regional
1-14-37	Refined - Rev. C.P. Over.	1/16	CHECKED P.L.	REVIEWED P.L.	RECEIVED City
DATE	DESCRIPTION	BY	CHECKED	REVIEWED	RECEIVED
REVISIONS					
INCHES OF <i>Charles Moore</i> BRIDGE DESIGN ENGINEER					