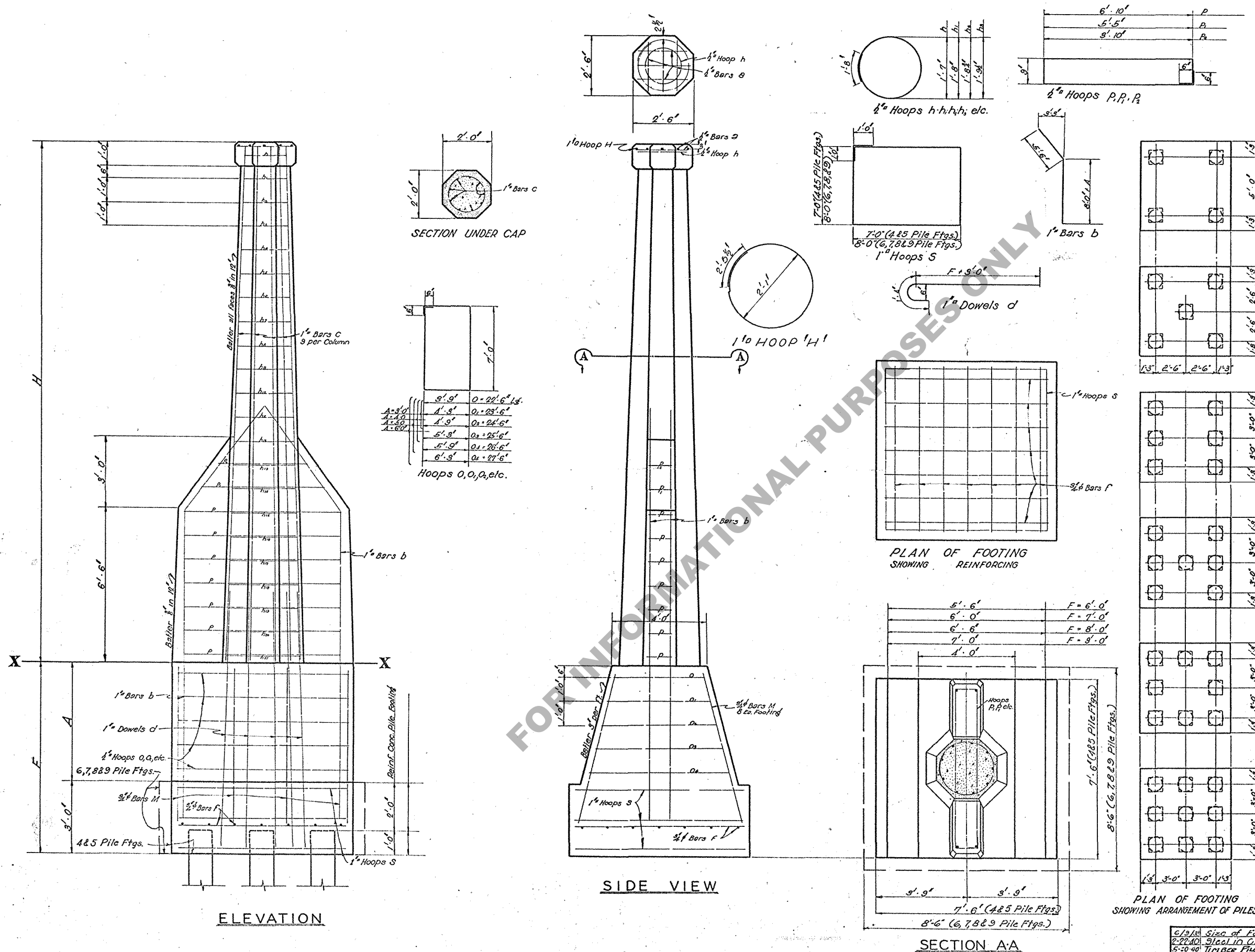




REINFORCING STEEL FOR ONE COLUMN				
Bar Size	No.	Unit Length	Total Length	Location
2	6	2'-0"	12'-0"	Coping
h	1	6'-8"	6'-8"	"
h, etc.	1 ea.	Varies	Varies	Shaft
r	14	8'-0" (6, 7, 8, 9)	112'-0"	Footings
c	9	Varies	Varies	Shaft
d	9	34'-0" (6, 7, 8, 9)	306'-0"	Dowels - Footings to Shaft
s	3	30'-0" (4, 5)	90'-0"	Footings
b	4	Varies	Varies	Collision Wall
p	7	16'-0"	112'-0"	"
p ₁	1	13'-4"	13'-4"	"
p ₂	1	10'-2"	10'-2"	"
o, etc.	1 ea.	Varies	Varies	Pedestal
m	8	A+1'-6"	"	"
h	110	9'-0"	990'-0"	Coping

QUANTITIES IN ONE SHAFT AND COPING ABOVE LINE X-X

H	Class 'A' Concrete	Reinf. Steel
18'	5.11	1070
19'	5.42	1115
20'	5.73	1154
21'	6.06	1193
22'	6.40	1232
23'	6.75	1271
24'	7.12	1311
25'	7.49	1351
26'	7.88	1391

QUANTITIES IN 1 FOOTING BELOW LINE X-X

F	4 & 5 Pile Footings	6, 7, 8 & 9 Pile Footings	10, 11 & 12 Pile Footings
6'	10.00	852	11.68 915
7'	11.60	929	13.28 992
8'	13.33	1007	15.01 1071
9'	15.21	1086	16.89 1151

*Note: 4-14" Piles deducted in 4 & 5 Pile Ftgs.
6-14" Piles deducted in 6, 7, 8 & 9 Pile Ftgs.

GENERAL NOTES

Construction Specs: Latest Approved La. Hwy. Dept. Std. Specs.

All Concrete Class 'A'.

All dimensions relating to Reinf. Steel are to bar centers.

Splices in Reinf. Steel permitted only where shown.

All Reinforcing Steel to be deformed bars.

All exposed corners to be chamfered 1/2" unless noted.

Design Specs: La. Hwy. Commission, 1929.

For details of R.C. Piles, see Std. 2, C.S. 123.

STANDARD PLAN **SOLITARY COLUMN BENT** **WITH COLLISION WALLS**

LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA.
APRIL 1937

DESIGNED	C. J. H. H.	DETAILS	C. J. H. H.	TRACED	C. J. H. H.
CHECKED	C. J. H. H.	CHECKED	C. J. H. H.	CHECKED	C. J. H. H.
DATE	APRIL 1937	DESCRIPTION	REVISIONS	BY	

IN CHARGE OF *Charles A. Hogue* - BRIDGE DESIGNING ENGINEER