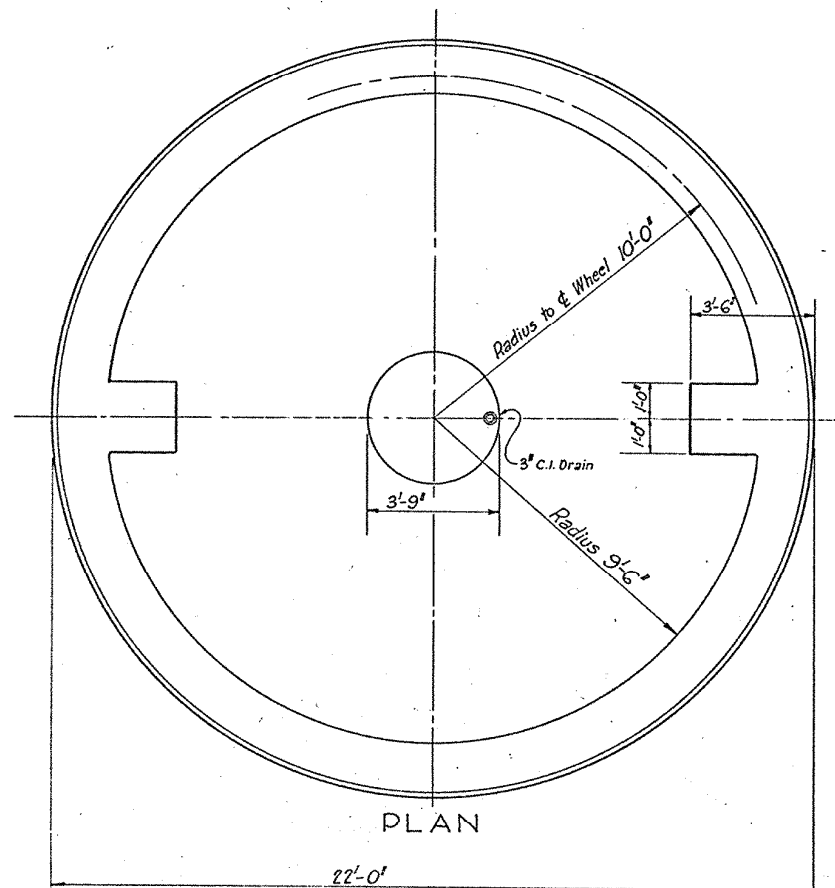
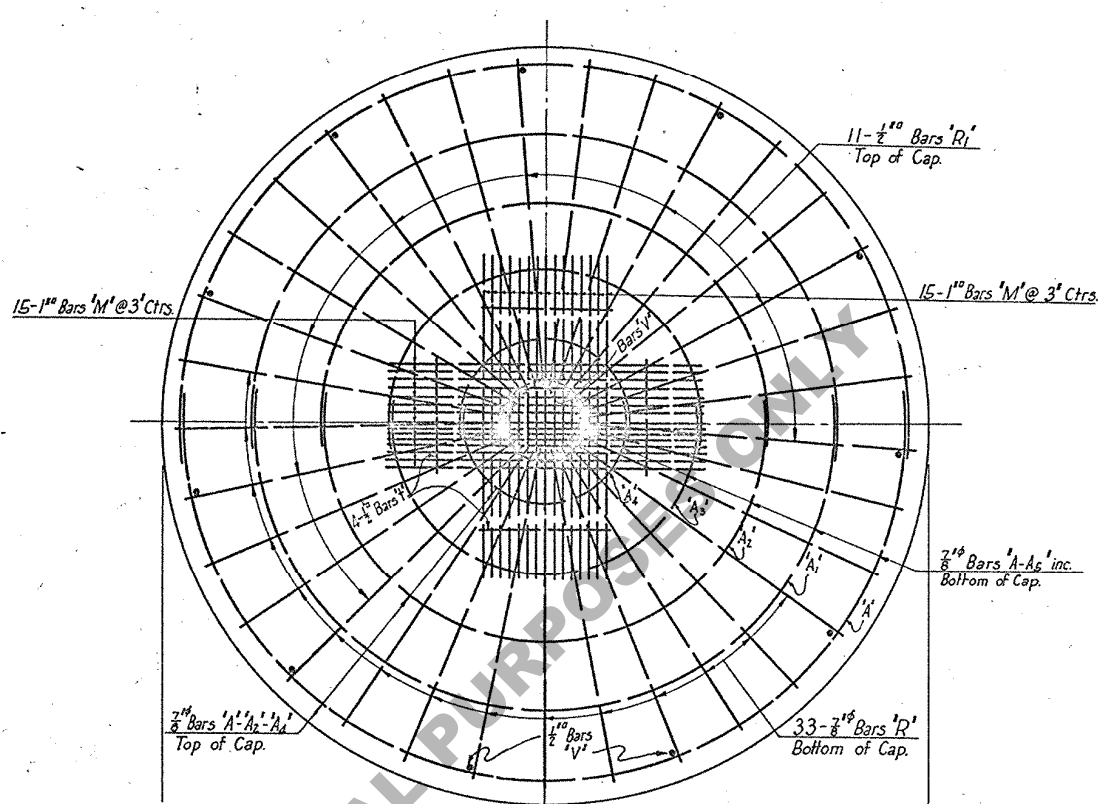
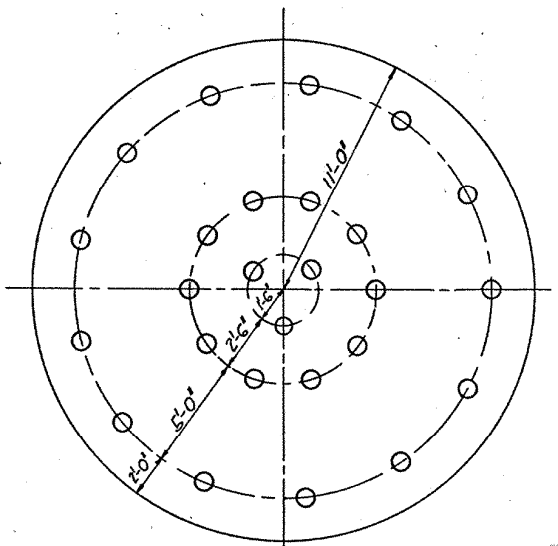




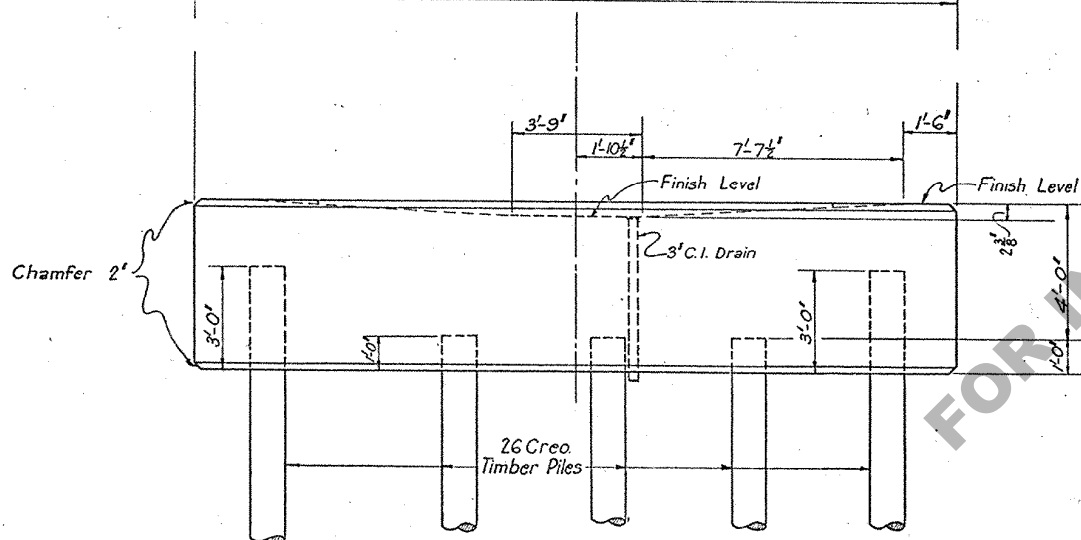
PLAN



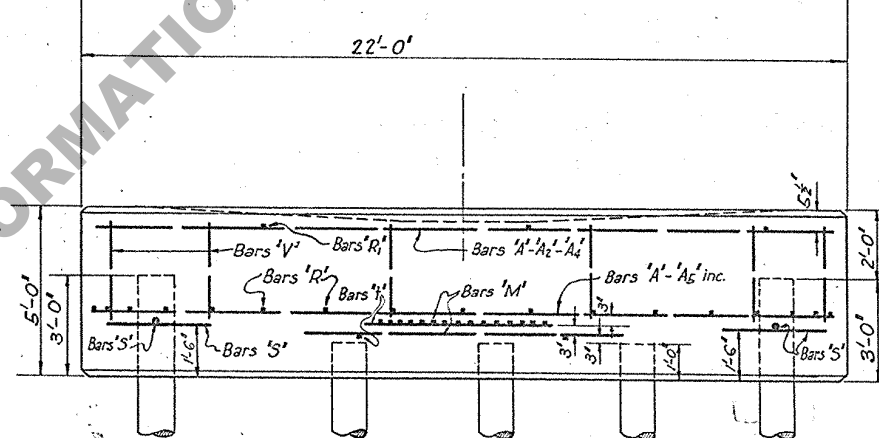
PLAN SHOWING REINFORCEMENT IN CAP



ARRANGEMENT OF PILES FOR PIER

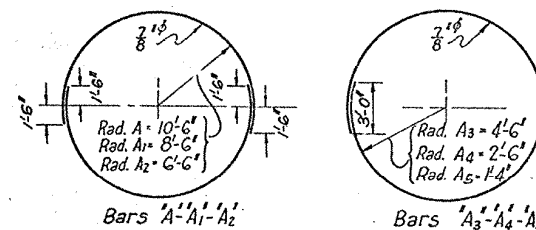


ELEVATION



ELEVATION SHOWING REINFORCEMENT IN CAP

LOAD ON PILES
Live Load: 104000
Superstructure: 400000
Cap: 282000
Load per pile = 30231 lbs.



BAR BENDING DIAGRAMS

BILL OF MATERIALS					
BAR NO.	SIZE	UNIT	LGTH	TOTAL LG.	LOCATION
A	4	3/8"	36'-0"	144'-0"	Rings in Top & Bottom of Cap.
A1	2	"	29'-8"	59'-4"	" " " " " "
A2	4	"	23'-5"	93'-8"	" " " " " "
A3	1	"	31'-3"	31'-3"	" " " " " "
A4	2	"	18'-9"	37'-6"	" " " " " "
A5	1	"	11'-5"	11'-5"	" " " " " "
R	33	"	9'-9"	321'-9"	Radial in " " "
S	26	"	3'-0"	78'-0"	2 Thru. each outside pile. At rt. to each other
Total 3/8" Bars			776'-11"	1588 Lbs.	
M	30	1"	9'-0"	270'-0"	Horizontal in Bottom of Cap.
Total 1" Bars			270'-0"	918 Lbs.	
R1	11	1/2"	9'-9"	107'-3"	Radial in Top of Cap.
V	22	"	3'-3"	71'-6"	Vertical near center of Cap also around edge.
T	4	"	3'-9"	15'-0"	Horizontal in Bottom of Cap.
Total 1/2" Bars			193'-9"	165 Lbs.	
Total Reinforcing Steel				2671 Lbs.	
Creo. Timber Piling			26 @ 25' = 650 Lin. Ft.		
Class 'A' Concrete				67.89 Cu. Yds.	

NOTE: Lengths of Piling are for Estimating Purposes only.

STANDARD PLAN
REINFORCED CONCRETE PIER CAP
ON TIMBER PILES
FOR 24' RDY. SWING SPANS
To be used with Std. Plan 3-C-102-15.

LOUISIANA HIGHWAY COMMISSION
Baton Rouge, La.

Scale: 3/8"=1'-0"

Aug. 1930

Revised: 1-4-6-Std. Plan No.

(B-2-264)

C-S-143-15