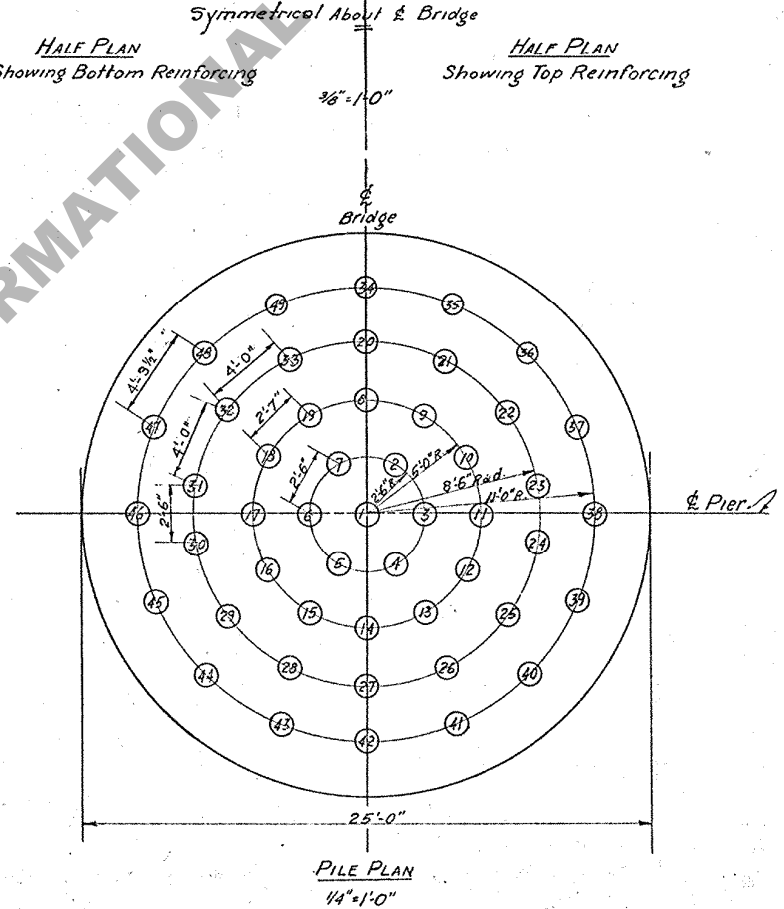
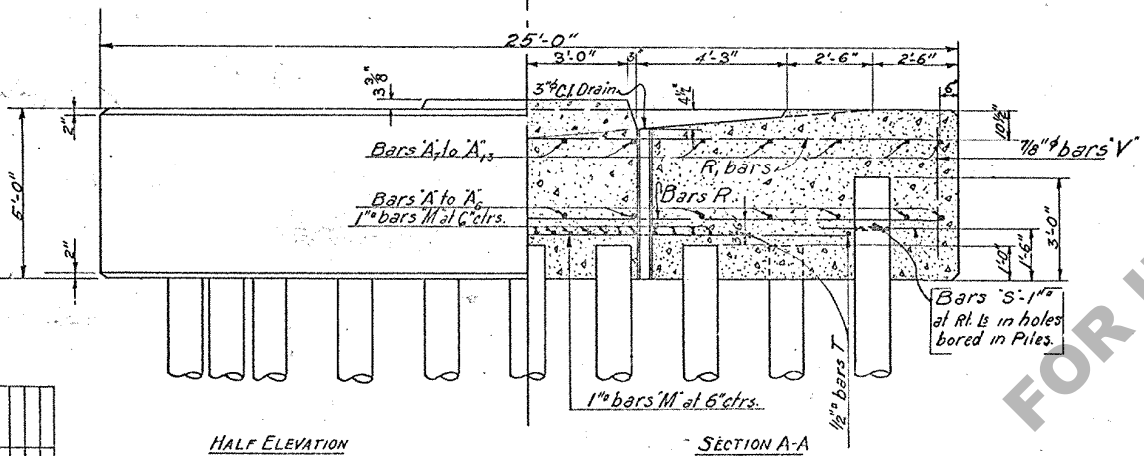
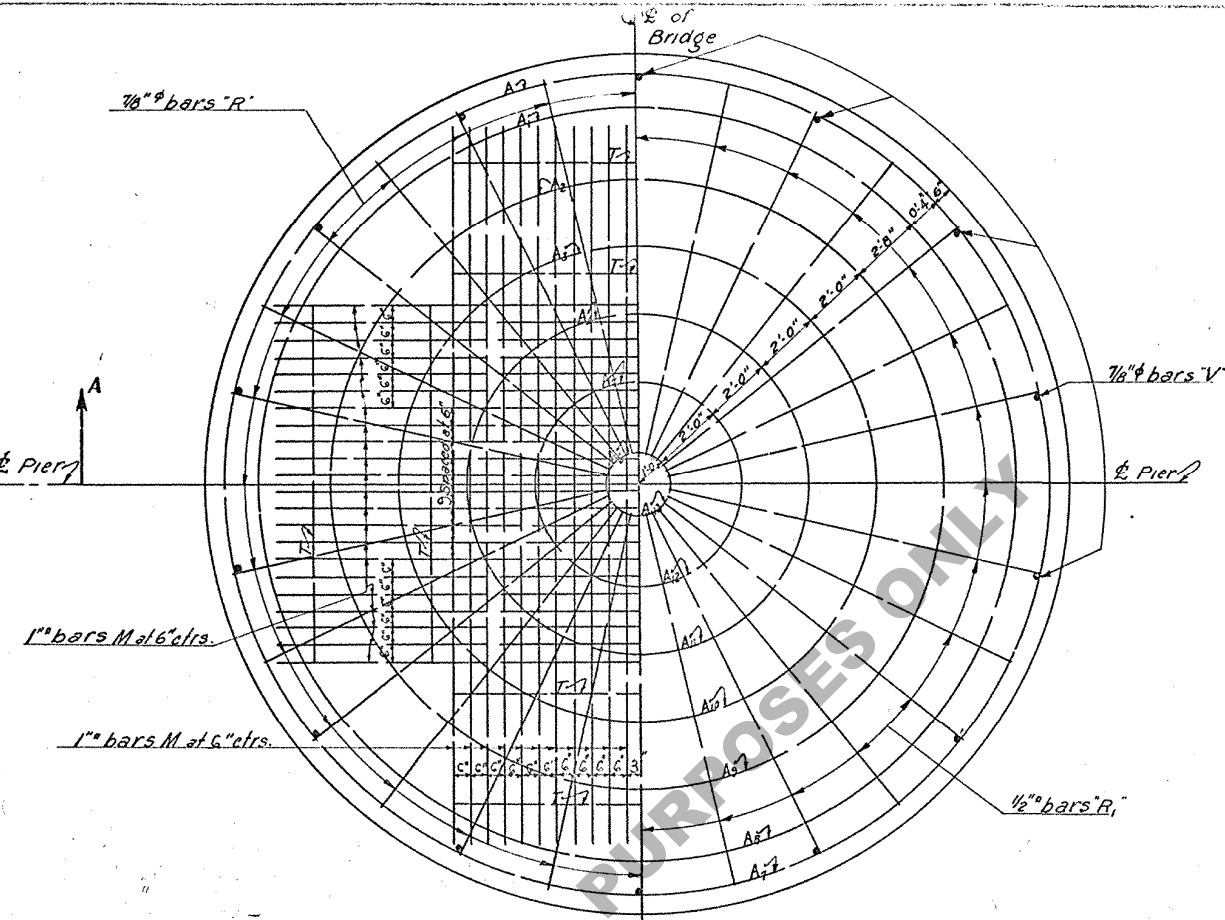
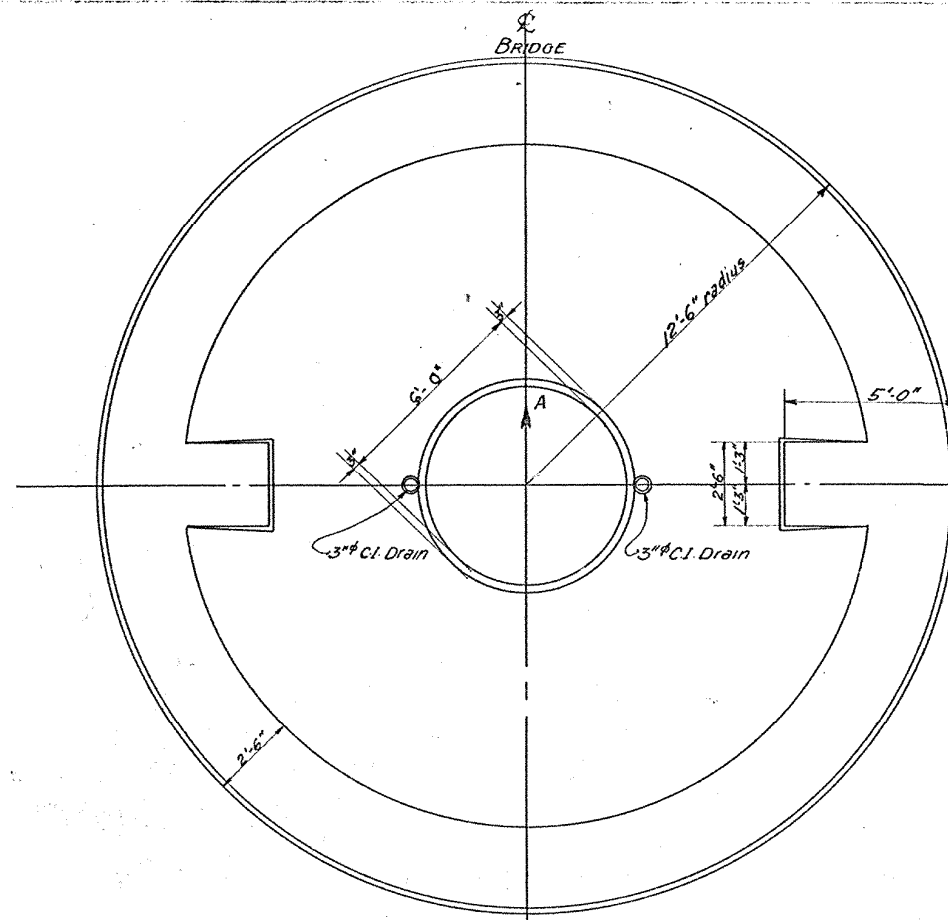




BILL OF MATERIAL FOR ONE PIER						
MARK	SIZE	NO.	LENGTH	TOTAL LENGTH	BENDING DIAGRAM	LOCATION
T	1/2"	8	10'-6"	84'-0"	Straight	Spacers in Bot.
R ₁	"	28	11'-0"	308'-0"	Straight	Radial in Top
A ₇	"	2	39'-5"	78'-10"		Hoops in Top
A ₈	"	2	38'-4"	76'-8"		" " "
A ₉	"	2	30'-0"	60'-0"		" " "
A ₁₀	"	2	23'-8"	47'-4"		" " "
A ₁₁	"	2	17'-5"	34'-10"		" " "
A ₁₂	"	1	20'-6"	20'-6"		" " "
A ₁₃	"	1	8'-0"	8'-0"		" " "
TOTAL 1/2" bars				718'-2"	610 lbs.	
R	1/8"	28	11'-0"	308'-0"	Straight	Radial in Bot.
V	"	14	4'-0"	56'-0"	"	Vertical
A	"	2	40'-8"	81'-4"		Hoops in Bot.
A ₁	"	2	39'-7"	79'-2"		" " "
A ₂	"	2	31'-3"	62'-6"		" " "
A ₃	"	2	24'-11"	49'-10"		" " "
A ₄	"	2	18'-8"	37'-4"		" " "
A ₅	"	1	21'-9"	21'-9"		" " "
A ₆	"	1	9'-3"	9'-3"		" " "
TOTAL 1/8" bars				705'-2"	1441 lbs.	
M	1"	44	21'-0"	924'-0"	Straight	Long & Transverse in Bottom
S	"	32	3'-0"	96'-0"	Straight	Through Pile Heads
TOTAL 1" bars				1020'-0"	3468 lbs.	
TOTAL Reinforcing Steel =					5519 lbs.	
TOTAL Class 'A' Concrete =					85.55 cu. yds.	
Creosoted Timber Piling 49 at 50' =					2450 lin. ft.	
Pile Loadings = 13 Tons. per Pile						

STANDARD PLAN R.C.
PIVOT PIER
ON TIMBER PILES
FOR 160'-0" SWING SPAN - 20' RWY. - TIMBER DECK
LOUISIANA HIGHWAY COMMISSION
BATON ROUGE, LA.
July 1931
To be used with Std. Plan S.S. 26-15

REVISION	DATE	DESCRIPTION	BY
1	11-23-31	Rev. A. M. R. & T.	J. H. S. L. H.
2		Pile Spacing	J. H. S. L. H.

GENERAL NOTES:
Const. Specs: Latest approved La. Hwy. Dept. Std. Specs.
Design Specs: L.A. Hwy. Comm. 1929
All Reinforcing Bars to be Deformed -
(Square Twisted Bars not considered Deformed.)
Dimensions to Reinforcing are to Bar Centers.