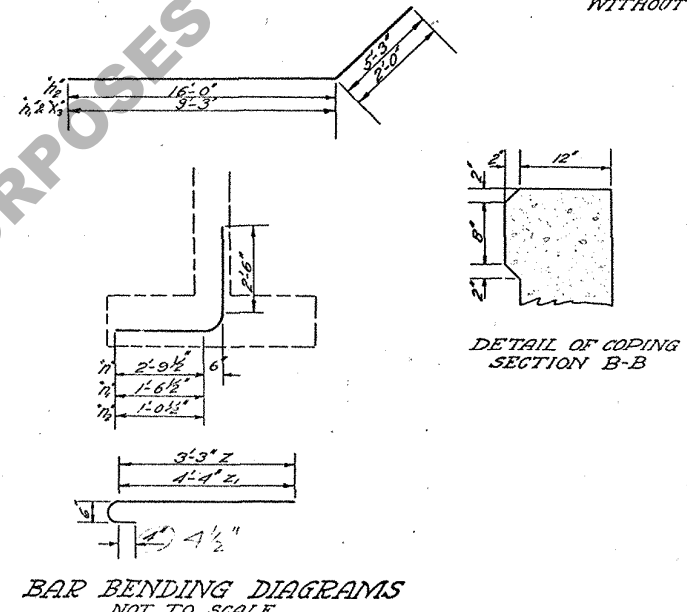
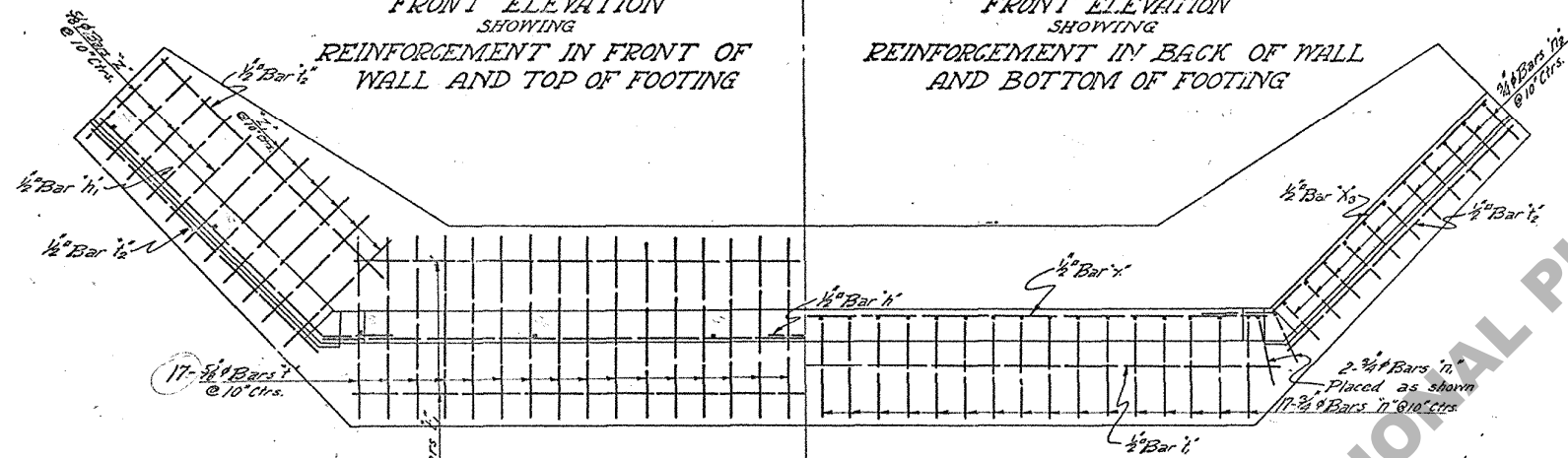
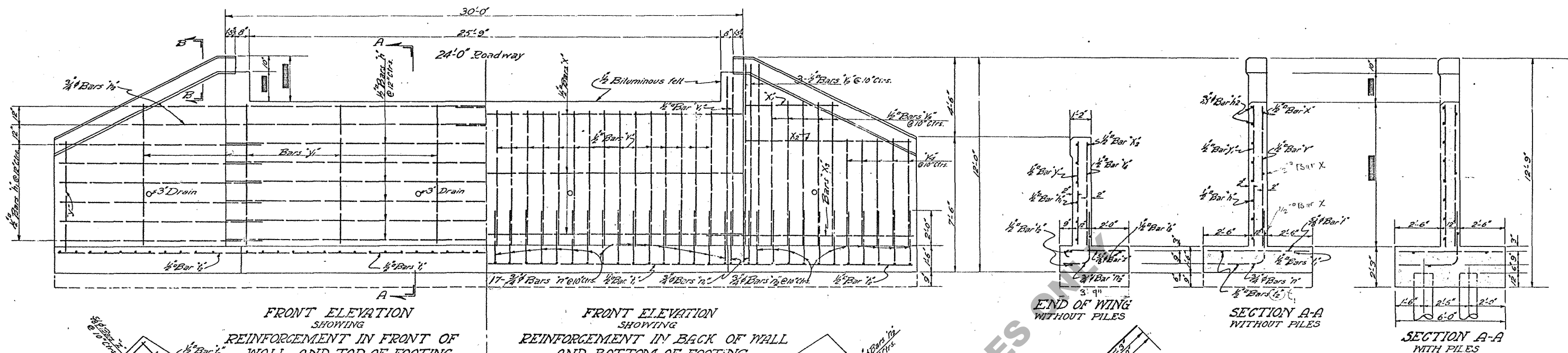




DESIGN DATA
 Specifications - Louisiana Highway Commission.
 Steel in tension 16000 Lbs. per sq. inch.
 Shear class A concrete 40 Lbs. per sq. inch.
 Equivalent fluid pressure 30 Lbs. per cu. ft.
 Concrete in compression 650 Lbs. per sq. inch.

GENERAL NOTES
 Class A concrete to be used throughout. Proportions 1:6
 Reinforcing steel shall be deformed bars. Square twisted bars are not to be considered as deformed bars.
 All dimensions relative to reinforcement are to centers of bars.
 No splices of bars will be permitted other than those shown on plans.
 3" drains to be placed at 10'0" cts. in wings and abutments just above ground line.
 All material and workmanship as per specifications of the Louisiana Highway Commission.
 All exposed corners to be chamfered 1".
 If piles are used, footing is to be deepened 9" as shown by dotted lines on drawings.
 The number, kind and amount of reinforcing steel to remain unchanged.

BILL OF MATERIAL					Location
Mark	No	Size	Length	Total	
1	3	1/2"	28'-0"	84'-0"	Horizontal in Top and Bot. of Footing
2	6	1/2"	9'-6"	57'-0"	Front of Main Wall
3	6	1/2"	30'-0"	180'-0"	Wings
4	12	1/2"	11'-3"	135'-0"	Vertical in Back of Main Wall
5	30	1/2"	7'-6"	225'-0"	Wings
6	4	1/2"	9'-3"	37'-0"	Front of Wings
7	6	1/2"	10'-0"	60'-0"	Main Wall
8	10	1/2"	8'-0"	80'-0"	Wings
9	10	1/2"	6'-0"	60'-0"	Front of Wings
10	2	1/2"	5'-6"	11'-0"	Main Wall
11	8	1/2"	7'-6"	60'-0"	Wings
12	3	1/2"	29'-2"	87'-6"	Horizontal in Back of Main Wall
13	2	1/2"	5'-0"	10'-0"	Wings
14	2	1/2"	9'-0"	18'-0"	Front of Wings & Main Wall
15	2	1/2"	11'-3"	22'-6"	
Total 1/2" Bars					1127'-0" 958 Lbs.
16	34	3/8"	5'-6"	187'-0"	Horizontal in Top of Footing under M. Wall
17	10	3/8"	4'-5"	44'-2"	Wings
18	12	3/8"	5'-6"	66'-0"	
Total 3/8" Bars					297'-2" 309 Lbs.
19	34	3/8"	6'-1"	206'-10"	Horizontal in Back of M. Wall & Bot. of Footing
20	4	3/8"	4'-10"	19'-4"	Wings &
21	22	3/8"	4'-4"	95'-4"	Front of Wings & Main Wall
22	4	3/8"	21'-3"	85'-0"	
Total 3/8" Bars					406'-6" 609 Lbs.
Total Reinforcing Steel					1876 Lbs.
Class A Concrete with Piles					36.57 34.63 Cu Yds.
without					27.35 27.06 Cu Yds.
22 Piles @ 20 ft					440 Lin. Ft.

STANDARD PLAN
 REINFORCED CONCRETE ABUTMENT
 12 FOOT HEIGHT FOR
 24 FOOT ROADWAY BRIDGE
 LOUISIANA HIGHWAY COMMISSION
 BATON ROUGE, LA.
 SCALE - 3/8" = 1'-0"
 DECEMBER - 1929