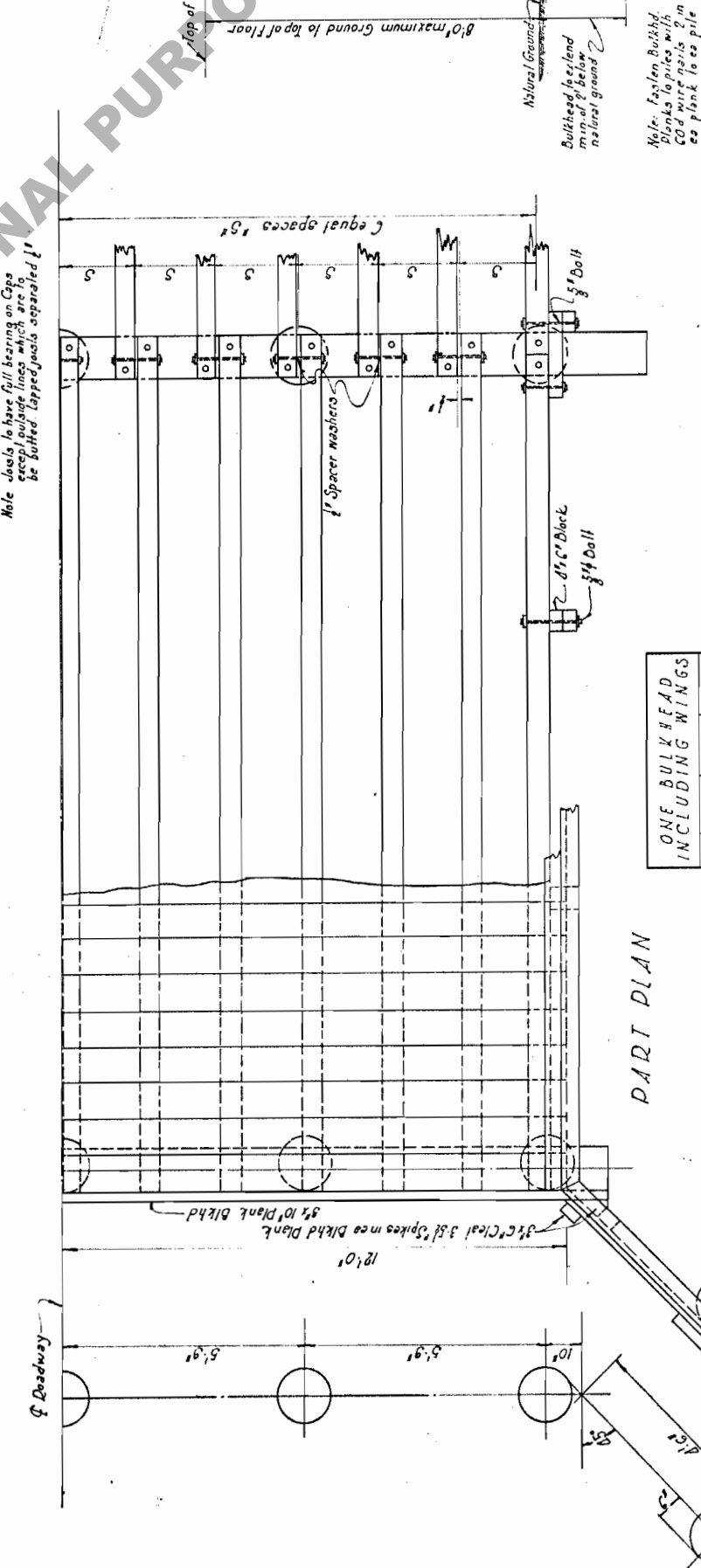
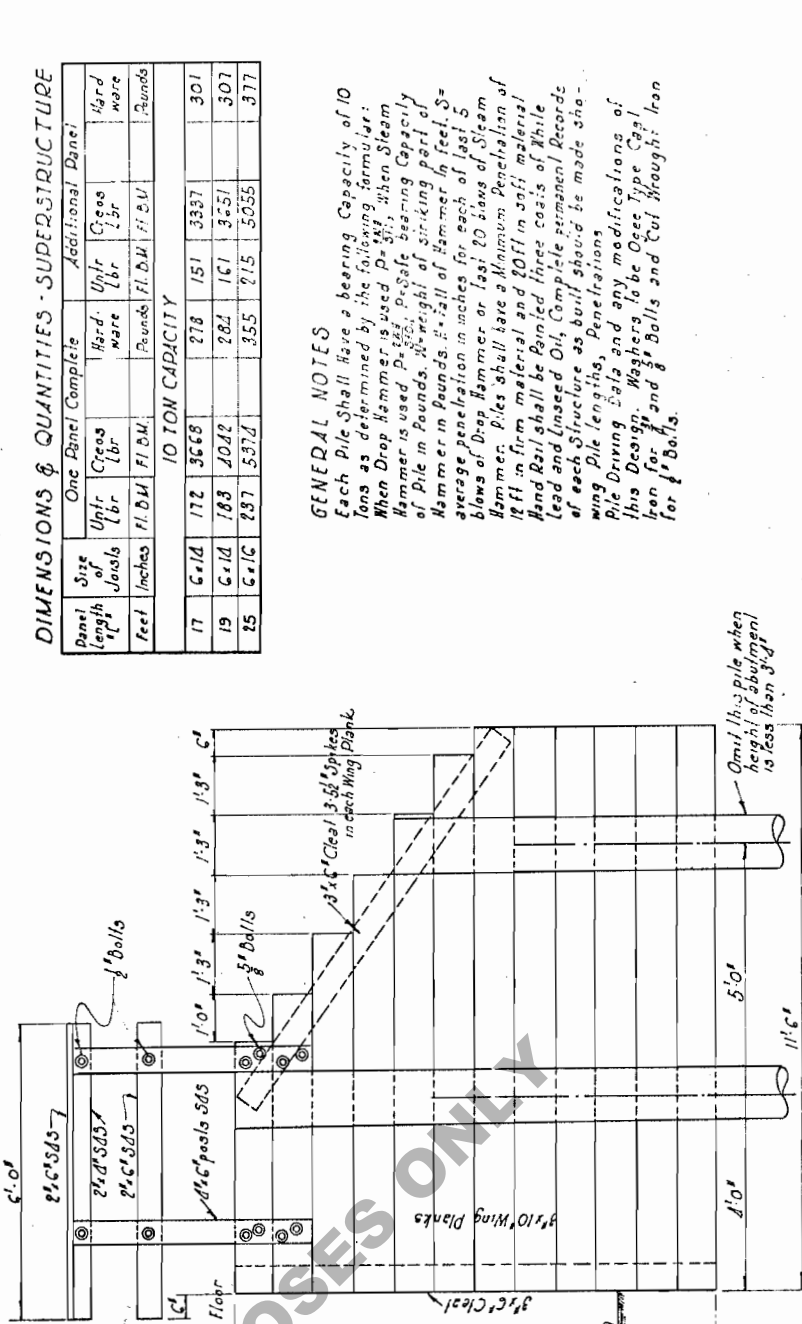


HALF SECTION A-A

HALF SECTION B-B



DIMENSIONS & QUANTITIES - SUPERSTRUCTURE

Panel Length feet	One Panel Complete		Additional Panel	
	Updr. Creos. Lbr.	Hard. Ware Pounds	Updr. Creos. Lbr.	Hard. Ware Pounds
17	172	3668	278	151
19	183	4042	284	151
25	237	5374	355	215

10 TON CAPACITY

17	301
19	307
25	377

GENERAL NOTES
 Each Pile Shall Have a bearing Capacity of 10 Tons as determined by the following formula:
 When Drop Hammer is used $P = \frac{W \cdot H}{L}$, when Steam Hammer is used $P = \frac{W \cdot H}{L}$, when Sledge Hammer is used $P = \frac{W \cdot H}{L}$
 W = Weight of striking part of Hammer in Pounds
 H = Height of Hammer in feet
 L = average penetration in inches for each of last 5 blows of Drop Hammer or last 20 blows of Sledge Hammer
 Piles shall have a Minimum Penetration of 12 ft in firm material and 20 ft in soft material
 Hand Rail shall be Painted three coats of White Lead and Linseed Oil, Complete structural Records of each structure as built should be made showing pile lengths, Penetrations
 Pile Driving Logs and any modifications of this Design. Washers to be One Type Cast Iron for 3" and 3" Bolts and Cut Nought Iron for 1/2" Bolts.

STANDARD
 CREOSOTED PILE TRUSTEE
 231-1' CLEAR ROADWAY
 LOUISIANA HIGHWAY COMMISSION
 Baton Rouge La
 Feb. 1931

DETAIL OF WING NORMAL TO FACE
 Caution: Upon cutting any piece of Creosoted Material same shall immediately be painted with Creosote Oil and roofing pitch in accordance with the Specifications.

SWAY & SASH BRACINGS

Ground to Grade	ONE BENT	ONE BENT	ONE BENT
3x10 Sway Bracing	3x10 Sash Bracing	Lumber	Hardware
Feet	Feet	F. D. M.	Pounds
10 to 12	1	130	68
13 to 17	1	140	68
18 to 23	2	380	142

ONE BULKHEAD INCLUDING WINGS

No. of Piles	Ground to Grade	Lumber	Hardware
4	1	483	88
5	2	552	80
6	3	632	85
8	4	910	90
9	5	1067	94
10	6	1135	98
11	7	1322	100
12	8	1450	101

SWAY & SASH BRACINGS

Ground to Grade	ONE BENT	ONE BENT	ONE BENT
3x10 Sway Bracing	3x10 Sash Bracing	Lumber	Hardware
Feet	Feet	F. D. M.	Pounds
10 to 12	1	130	68
13 to 17	1	140	68
18 to 23	2	380	142

FOR INFORMATIONAL PURPOSES ONLY