



HALF PLAN OF FOOTING HALF SECTION A  
Showing Bottom Reinf. Steel

Height	Length Each Bars E	Number Hoops Hs Reqd.	Pairs of Variable Hoops Reqd.	Wt. of Variable Reinf. Stl.	Total Wt. Reinf. Stl. in Bent	Total Concrete Cu. Yds.
12	10'0"	10	Hs-H2 (2 Ea.)	1100	6957	50.30
13	11'0"	18	Hs-H3	1232	7089	51.10
14	12'0"	26	Hs-H4	1425	7222	52.15
15	13'0"	34	Hs-H5	1558	7355	53.51
16	14'0"	42	Hs-H6	1691	7488	54.57
17	15'0"	50	Hs-H7	1824	7621	55.63
18	16'0"	58	Hs-H8	1957	7754	56.70
19	17'0"	66	Hs-H9	2090	7887	57.75
20	18'0"	74	Hs-H10	2224	8021	58.87
21	19'0"	82	Hs-H11	2357	8154	59.98
22	20'0"	90	Hs-H12	2491	8288	61.00
23	21'0"	98	Hs-H13	2624	8422	62.10
24	22'0"	106	Hs-H14	2758	8556	63.21
25	23'0"	114	Hs-H15	2891	8690	64.39
26	24'0"	122	Hs-H16	3024	8824	65.51
27	25'0"	130	Hs-H17	3158	8959	66.64
28	26'0"	138	Hs-H18	3291	9093	67.77
29	27'0"	146	Hs-H19	3424	9228	68.91
30	28'0"	154	Hs-H20	3558	9363	70.00

Mark	Size	No. Reqd.	Length Each	Total Length	Location and Description	Detail
A	1" dia	4	15'0"	60'0"	Cap at overhang	
B	"	4	15'6"	62'0"	"	
C	"	8	41'6"	332'0"	Cap	
D	"	20	8'0"	208'0"	Dowels Col. to Ftg.	
E	"	20	Variable	Variable	Vert. in Cols.	Straight
F	"	2	24'0"	48'0"	Above arches	"
R	"	11	30'6"	335'6"	Footing	"

Total constant 1" dia Bars 7045'6" 3555 Pounds

Mark	Size	No. Reqd.	Length Each	Total Length	Location and Description	Detail
J	3/4" dia	8	10'9"	86'0"	Overhang on Caps	
K	"	10	8'0"	128'0"	Above arches	Straight
L	"	29	17'6"	507'6"	Footing Hoops	
P	"	4	18'0"	72'0"	Pedestals	
Q	"	2	15'0"	30'0"	"	

Total constant 3/4" dia Bars 823'6" 1237 Pounds

Mark	Size	No. Reqd.	Length Each	Total Length	Location and Description	Detail
H	1/2" dia	Var.	10'6"	Variable	Hoops in Cols.	
Hs to H30	"	"	Var.	"	Hoops in Battered Columns	
U & U1	"	20 Each	11'0"	280'0"	Hoops in Cap	
S1 to S6	"	12 Each	Variable	897'0"	Stirrups in Cap	

Total Constant 1/2" dia Bars 1183'0" 1065 Pounds  
Total Constant Reinforcing Steel 5797 Pounds

Maximum Pile Load 20 Tons.

Void  
12-2-45

TO BE USED WITH STD. PLAN C-2-46-15-5721-15

STANDARD PLAN  
THREE COLUMN BENT  
HEIGHTS 22', 30'  
40' or 41' Rdy.

LOUISIANA HIGHWAY COMMISSION  
BATON ROUGE, LA. August, 1934

Designed by [Signature] Checked by [Signature] Drawn by [Signature]  
I. C. [Signature] [Signature] [Signature]  
[Signature] [Signature] [Signature]

Date	Description	By