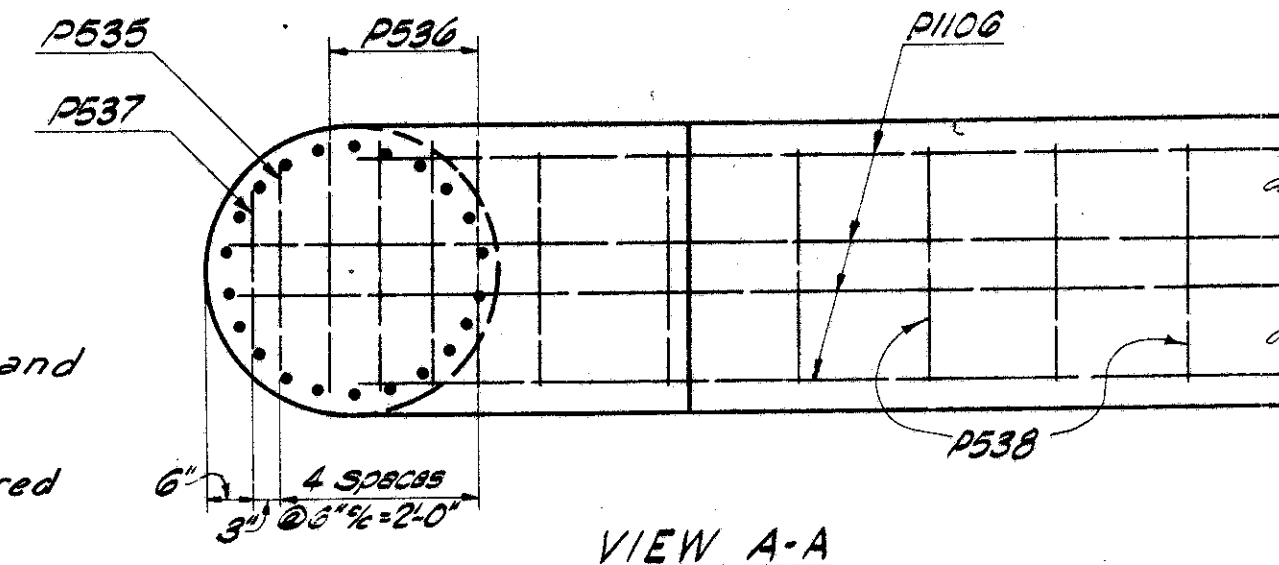
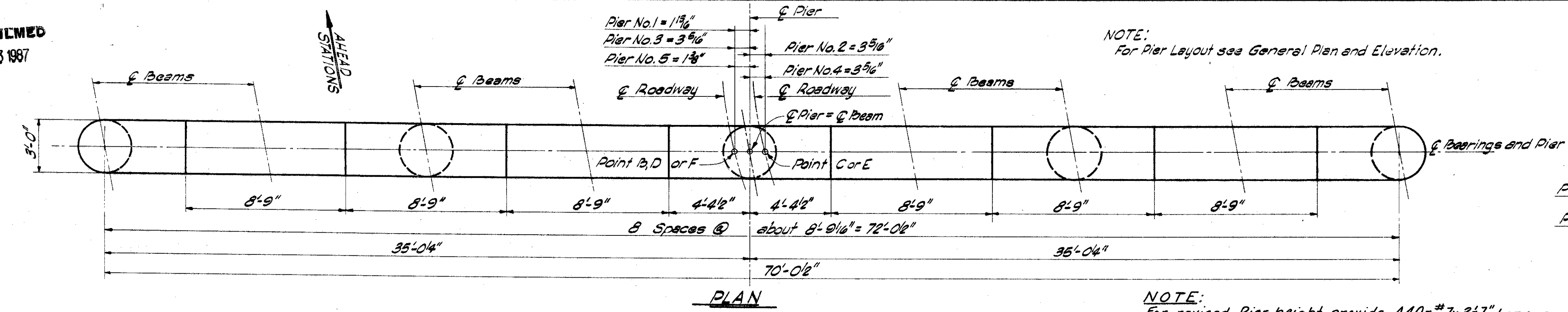


NOTE:
For Pier Layout see General Plan and Elevation.

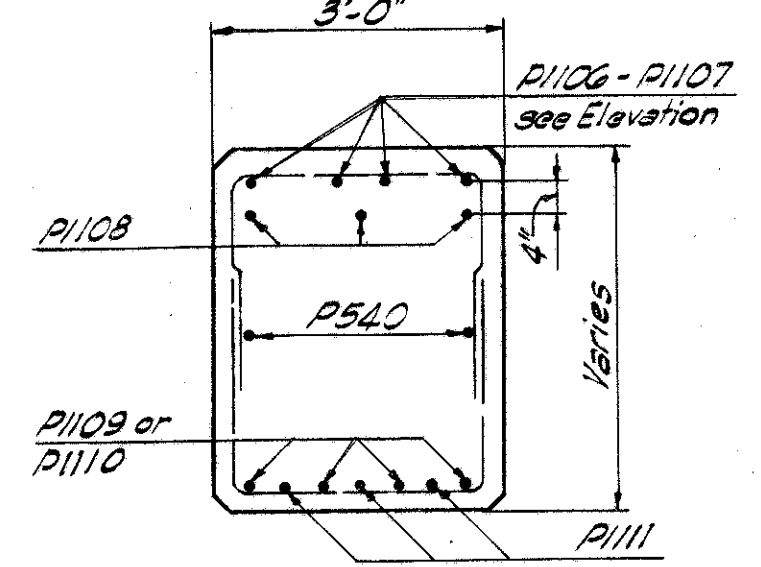
NOTE:
The downward leg of P1106 to be placed in the periphery of the vertical column bars.

NOTE:
For revised Pier height provide 440-#7x3-7" long and 110-#11x4-9" long Reinforcing Bars to lap with vertical column bars. The length of Spiral bars to be increased to required change in height.

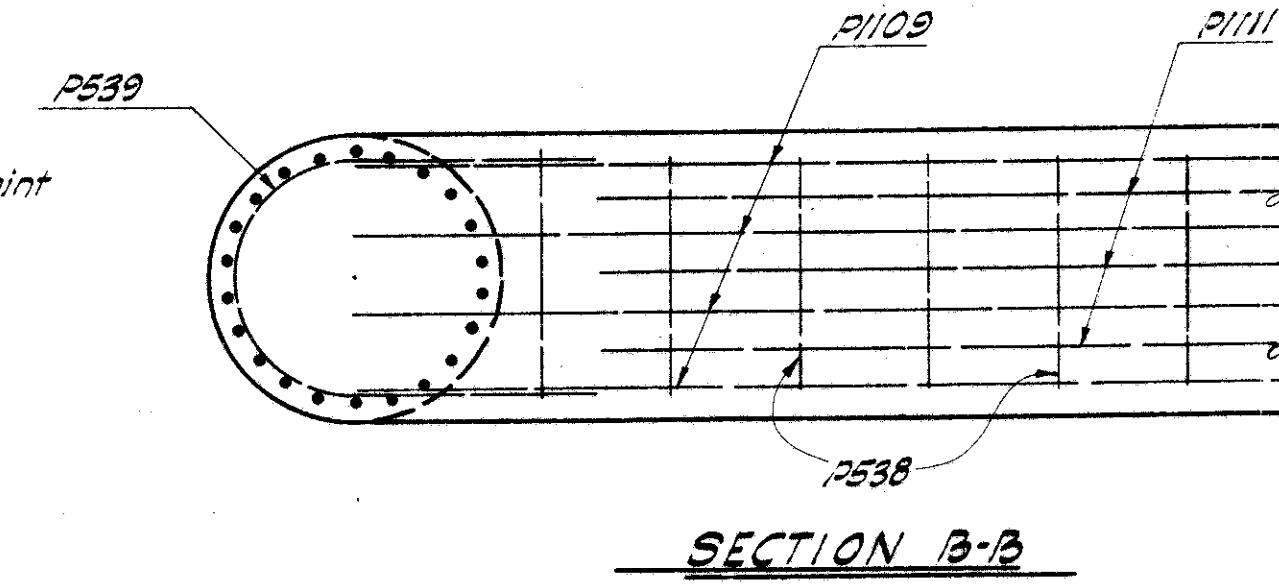
For mark numbers of column bars see Elevation.



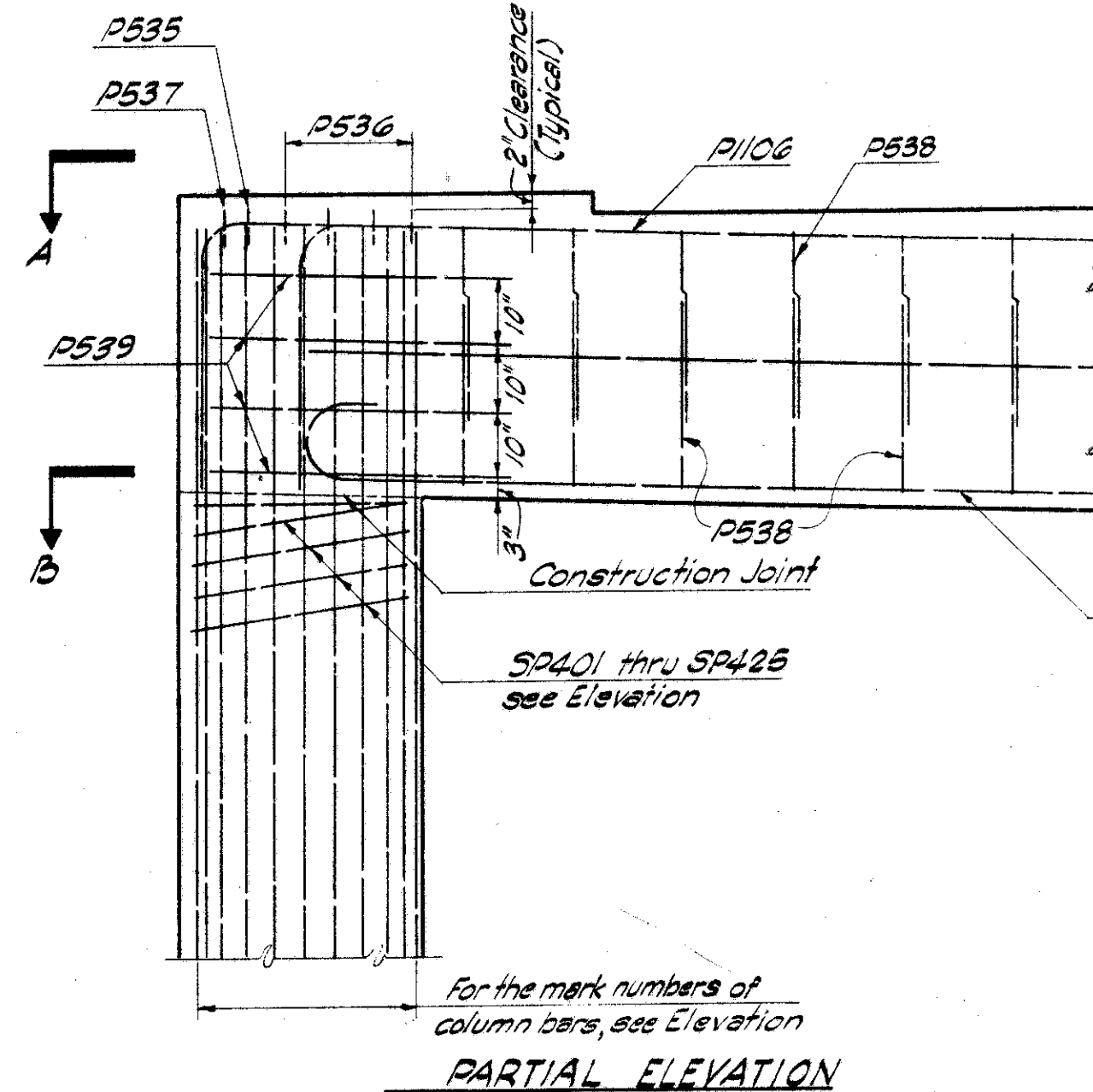
SECTION C-C



SECTION D-D

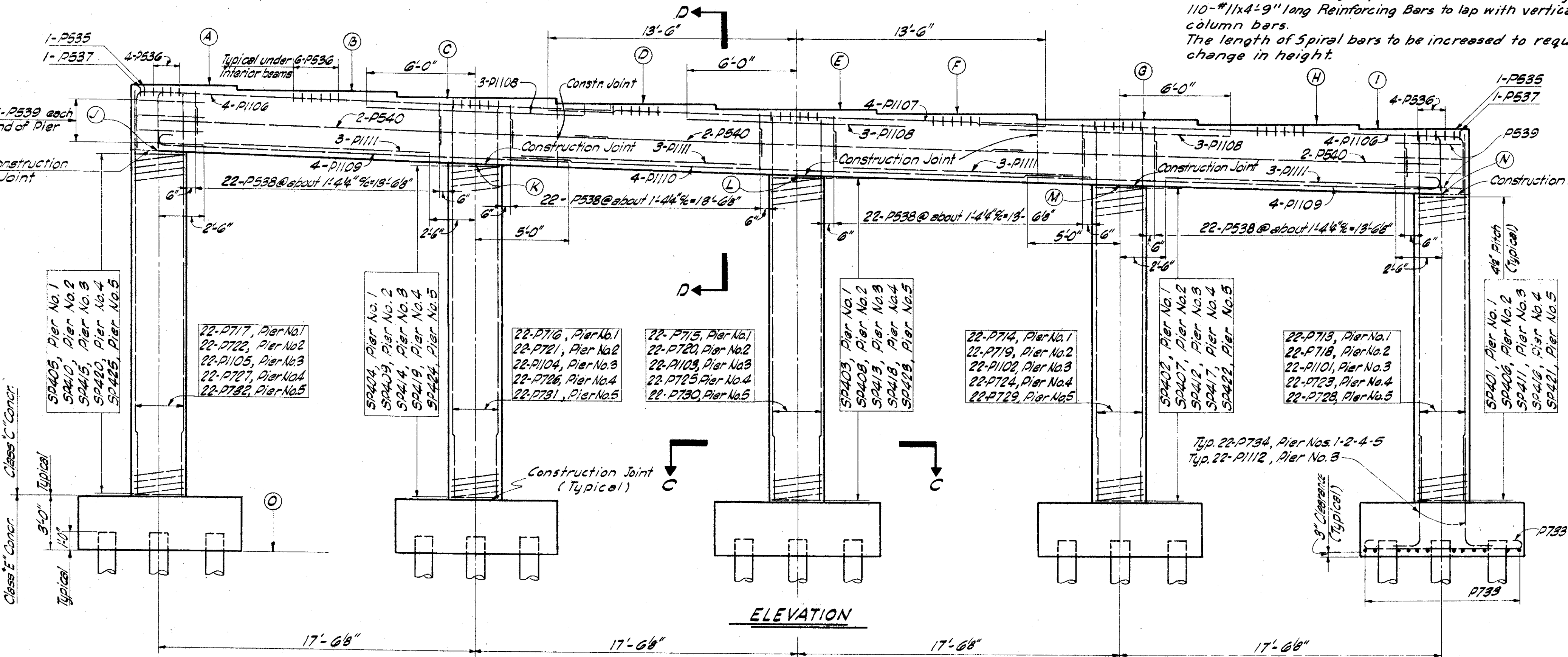


SECTION B-B

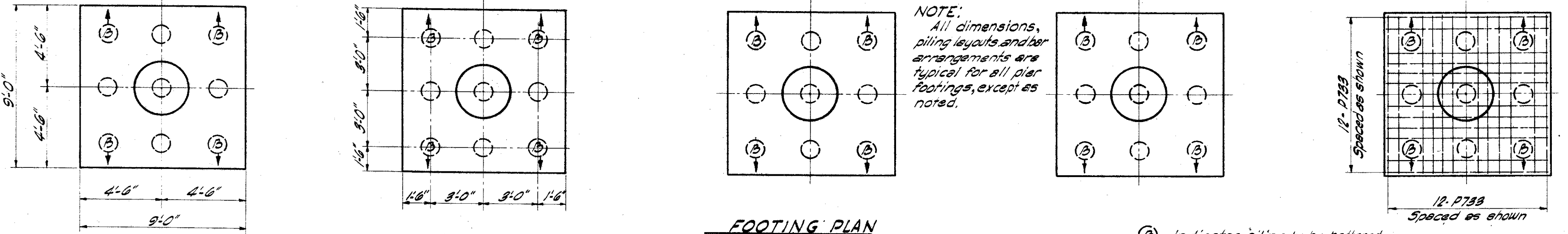


NOTES

- Clearance of reinforcing steel shall be 2" from face of concrete unless otherwise shown
- Special care shall be taken in placing reinforcing steel in the bridge seat so that it will not interfere with the drilling of anchor bolt holes.
- All piles are 12" cast-in-place reinforced concrete piles. Piles shall be driven to a minimum bearing capacity of 30 tons per pile.



ELEVATION

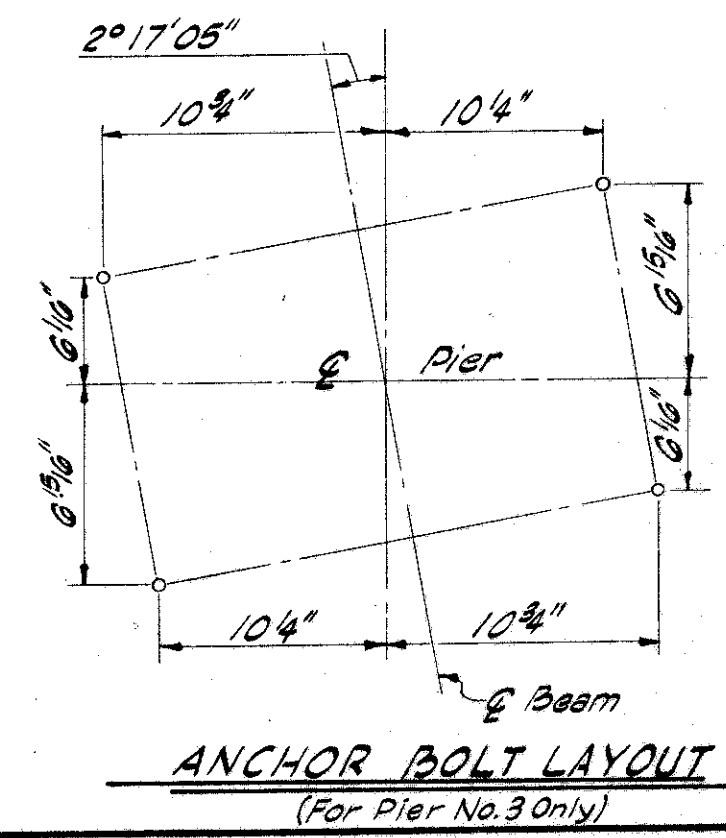


FOOTING PLAN

NOTE:
All dimensions, piling layouts and bar arrangements are typical for all pier footings, except as noted.

(B) Indicates piling to be battered @ 2:12 in direction indicated. (For Pier No. 3 only)

LOCATION	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
Pier No. 1	746.68	746.43	746.18	745.93	745.68	745.43	745.18	744.93	744.68	742.80	742.30	741.80	741.30	740.80	719.50
Pier No. 2	745.23	744.98	744.73	744.48	744.22	743.97	743.72	743.47	743.21	741.35	740.84	740.34	739.83	739.33	718.50
Pier No. 3	743.80	743.55	743.29	743.04	742.78	742.53	742.27	741.76	741.76	739.92	739.41	738.90	738.39	737.88	715.00
Pier No. 4	742.41	742.15	741.89	741.63	741.36	741.11	740.86	740.60	740.34	738.53	738.01	737.49	736.97	736.45	715.50
Pier No. 5	741.00	740.74	740.48	740.22	739.96	739.70	739.44	739.18	738.92	737.11	736.59	736.07	735.55	735.03	716.00



ANCHOR BOLT LAYOUT
(For Pier No. 3 Only)

This sheet supersedes sheet 310. 3-21-60.

MICHAEL BAKER JR. CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

PIERS
BRIDGE NO. LAK-I-0665
UNDER STATE ROUTE 306

LAKE COUNTY				STA 358+74.33	
Designed	Drawn	Traced	Checked	Reviewed-Date	Revised
P.M.J.			Y.G.	W.R.B. 4-28-58	3-14-60