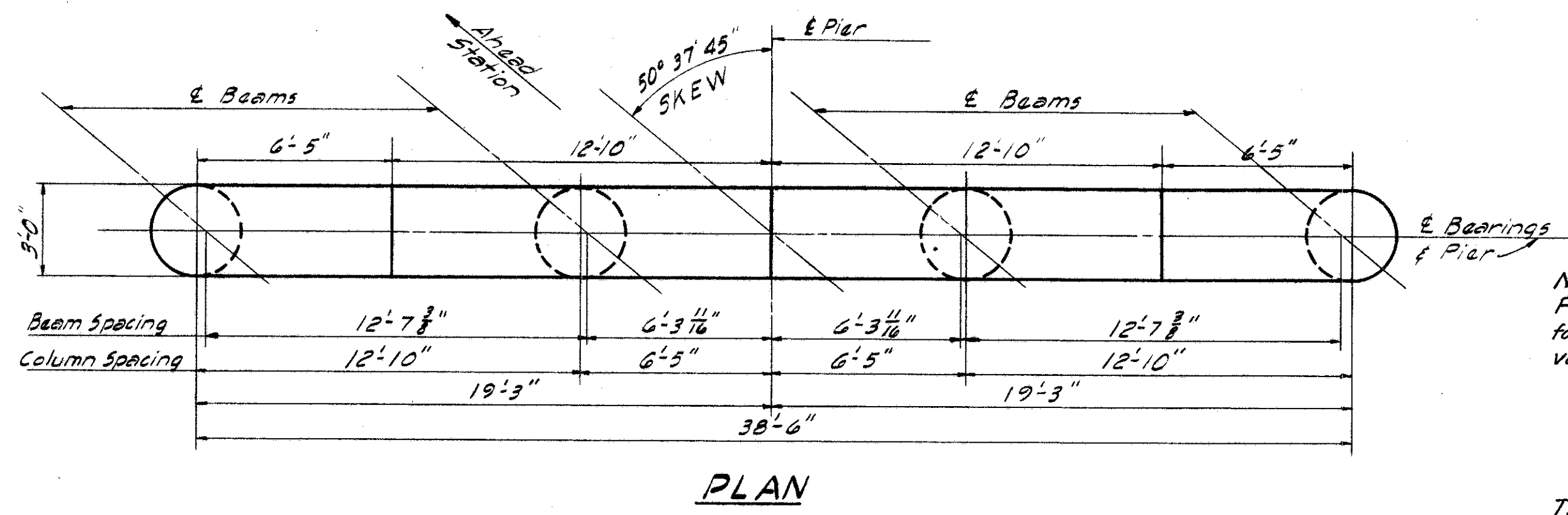
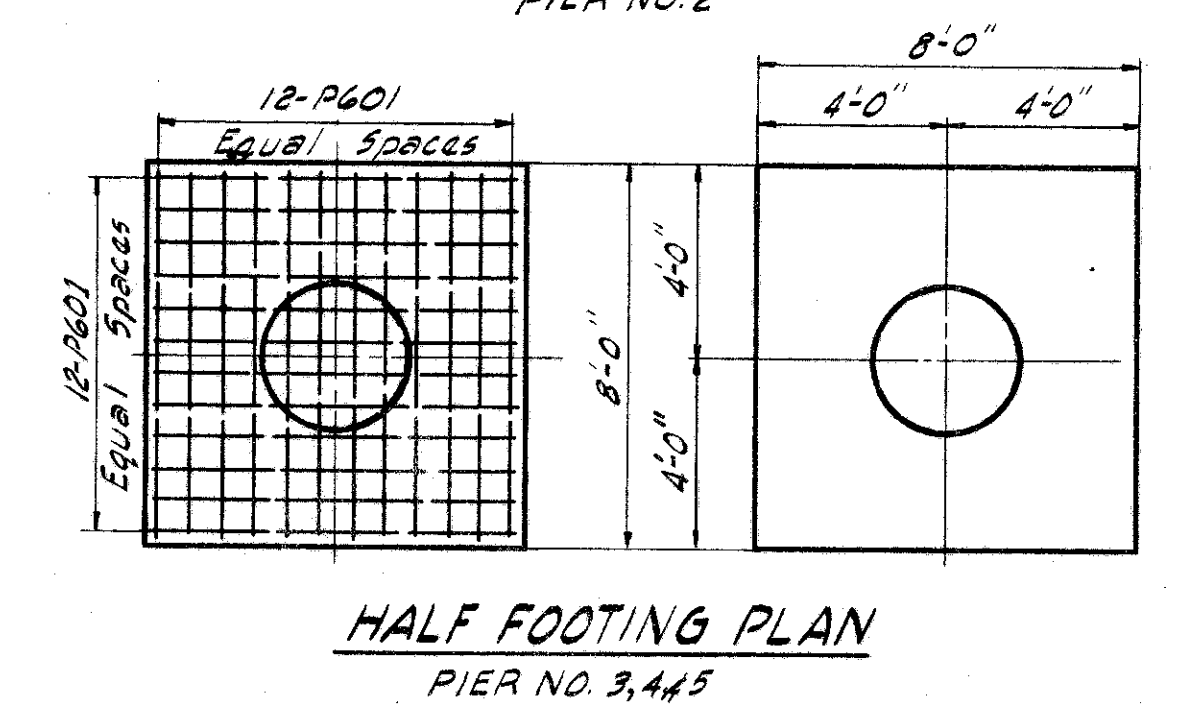
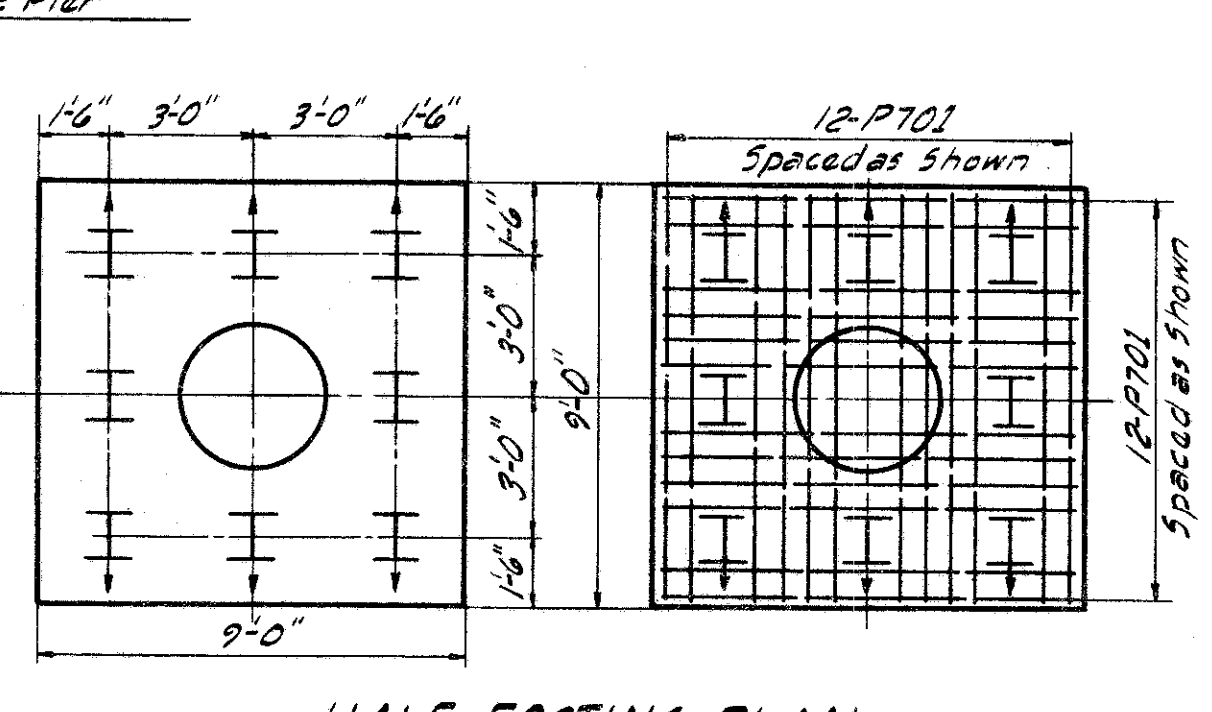
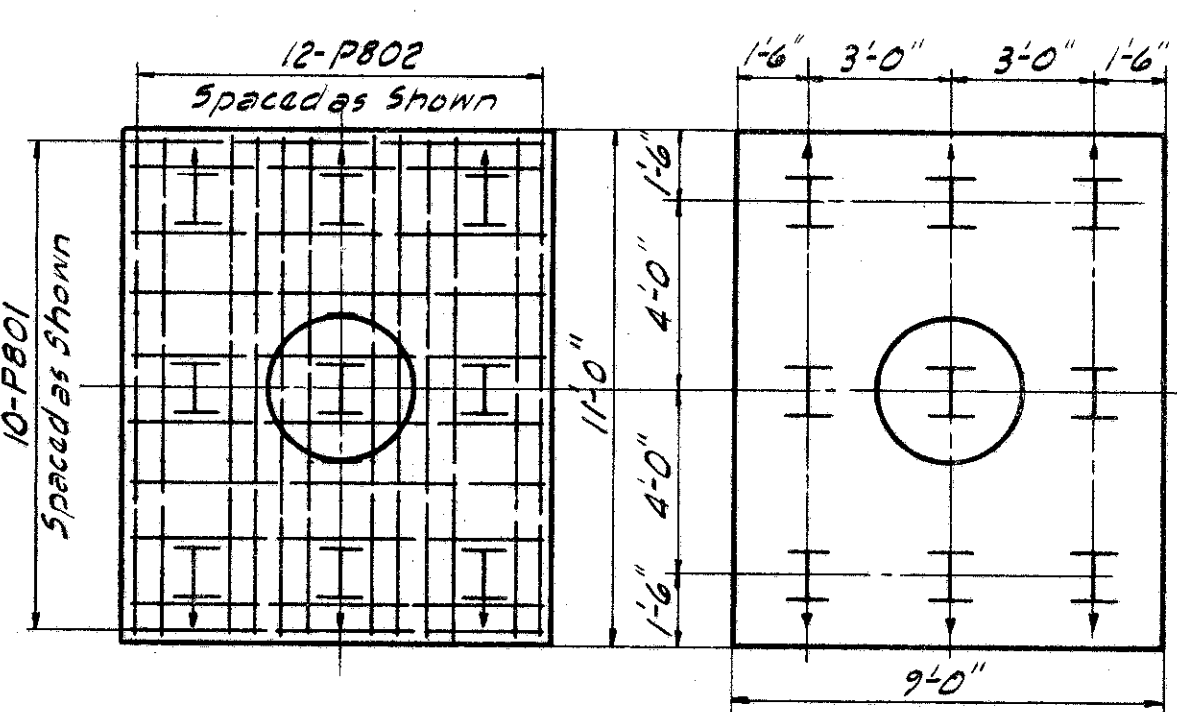
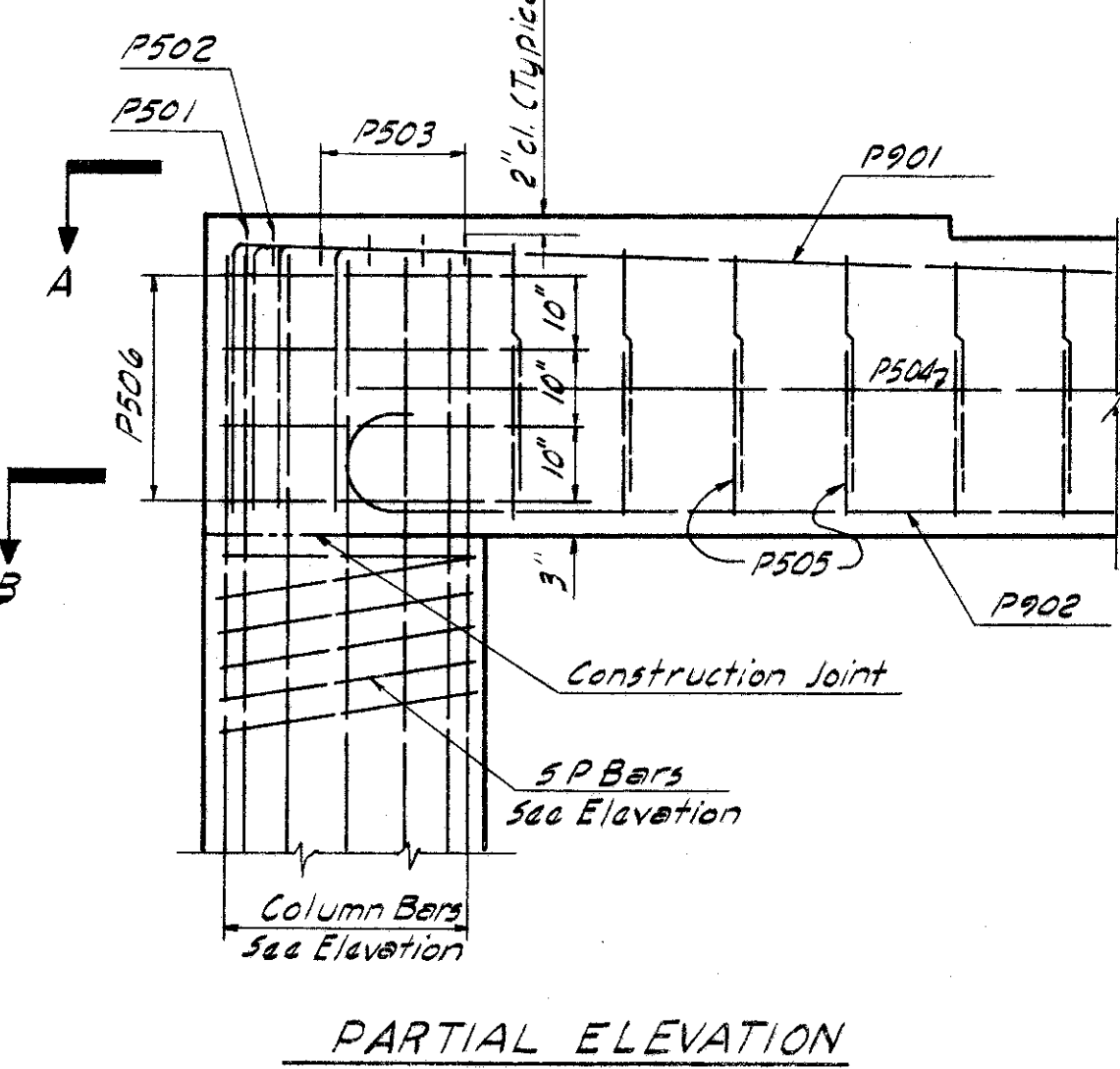
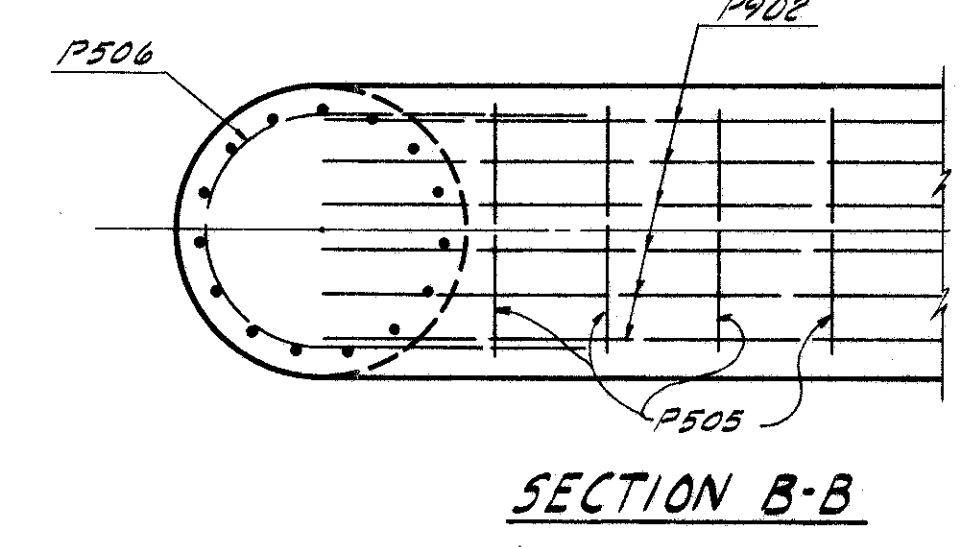
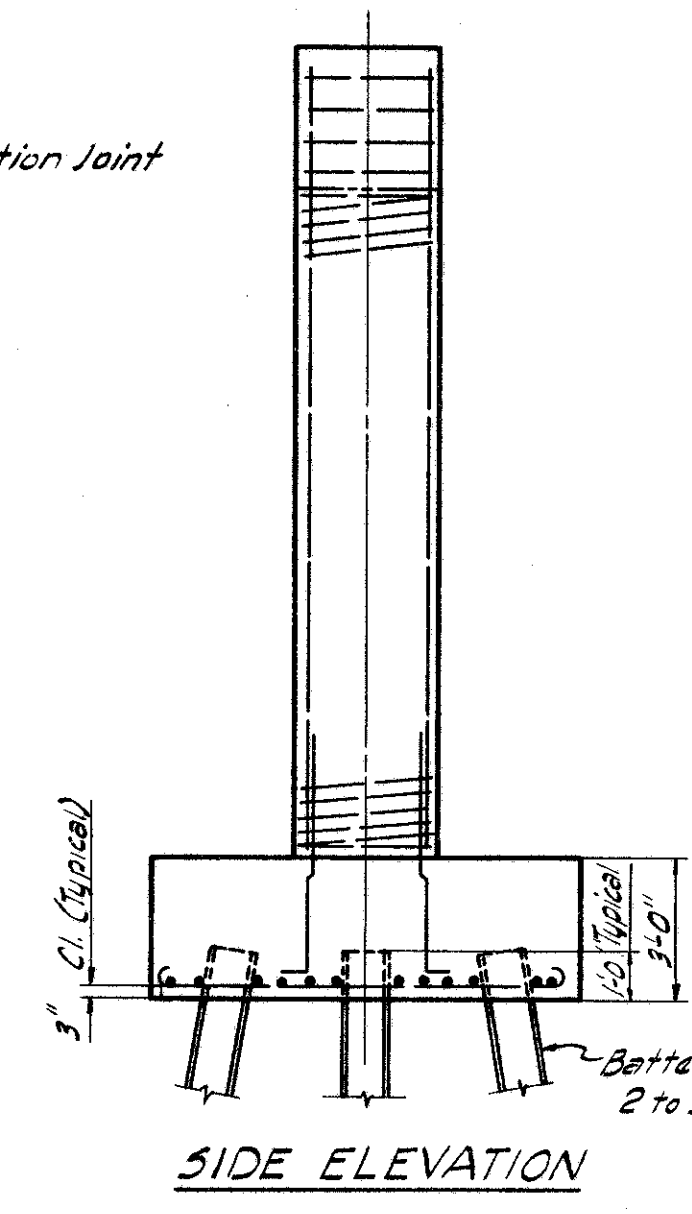
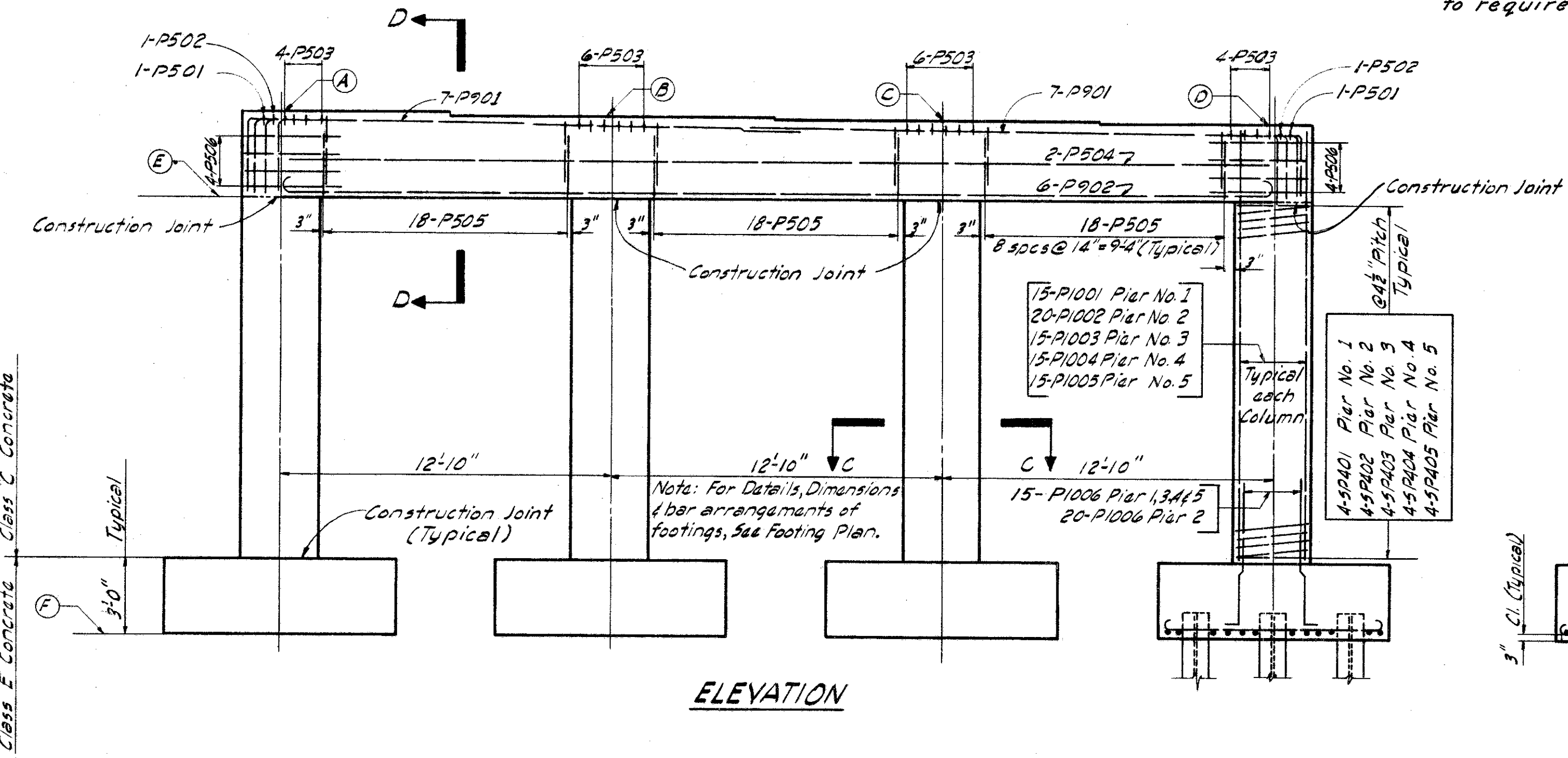
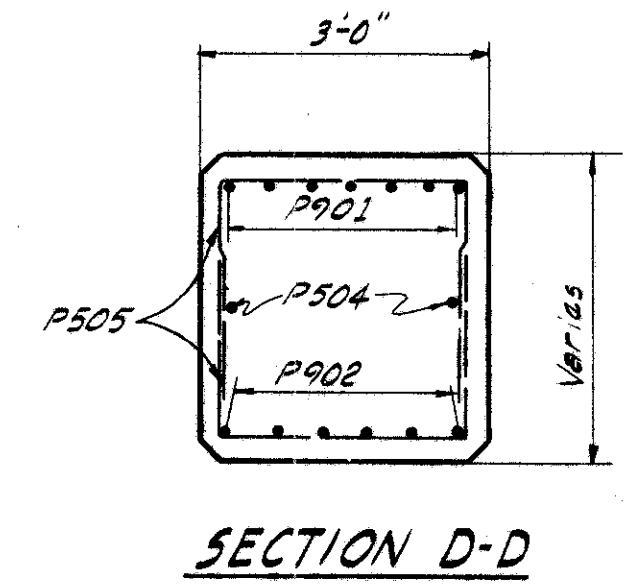
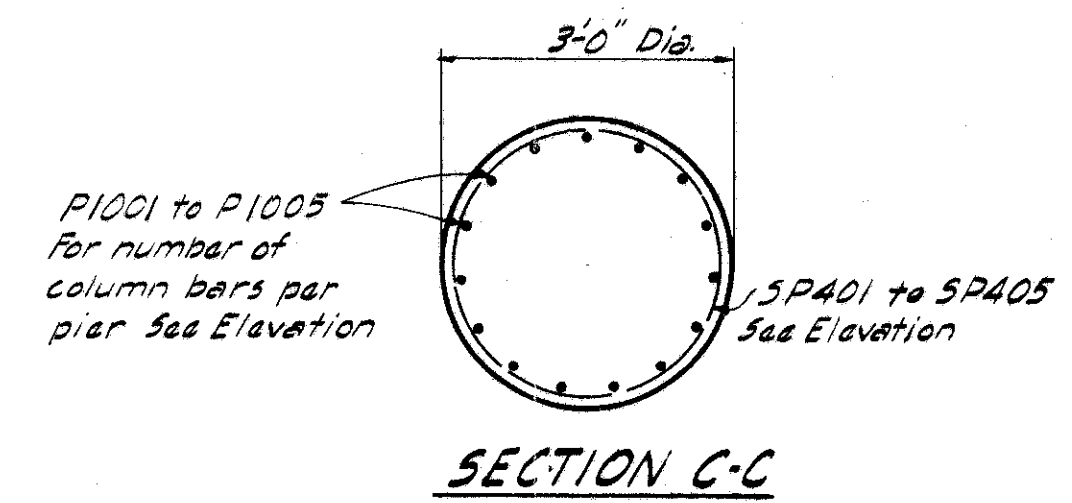
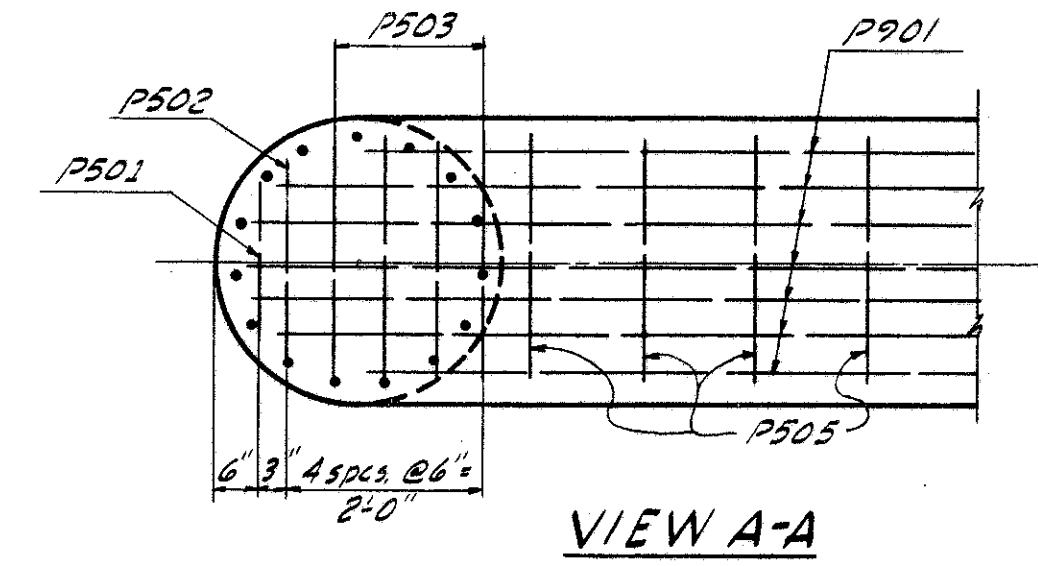


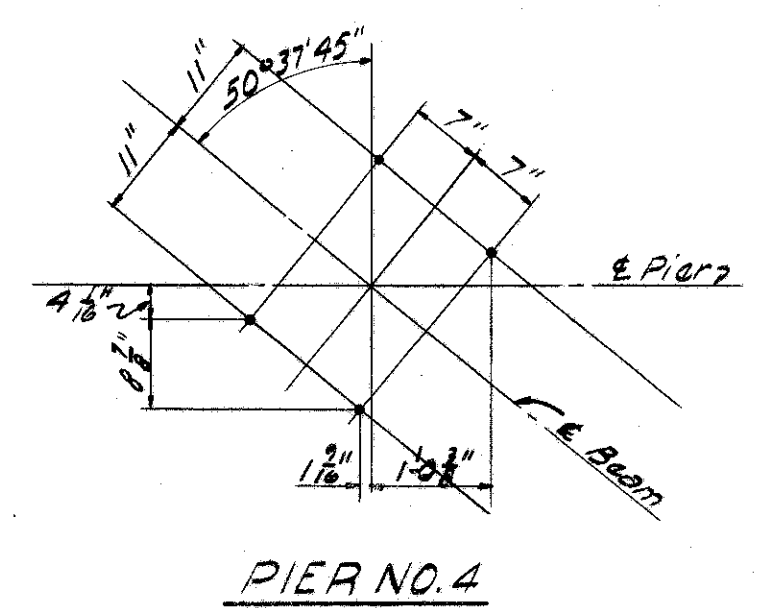
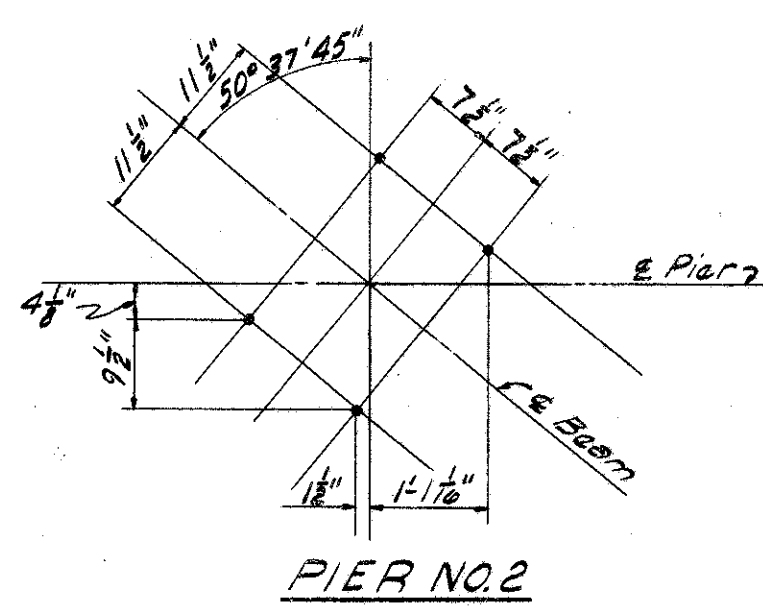
Note:
The downward leg of P901 to be placed in the periphery of the vertical column bars.



NOTE:
For revised pier height provide the following reinforcing bars to lap with vertical column bars:
Pier No. 1: 60-#10 x 4'-3"
Pier No. 2: 80-#10 x 4'-7"
Pier No. 3: 60-#10 x 4'-7"
Pier No. 4: 60-#10 x 4'-4"
Pier No. 5: 60-#10 x 3'-11"
The length of spiral bars to be increased to required change in height.



| LOCATION | A | B | C | D | E | F |
|------------|--------|--------|--------|--------|--------|--------|
| Pier No. 1 | 720.20 | 720.09 | 719.88 | 719.55 | 716.55 | 698.50 |
| Pier No. 2 | 723.84 | 723.75 | 723.53 | 723.18 | 720.18 | 698.40 |
| Pier No. 3 | 728.09 | 728.04 | 727.86 | 727.56 | 724.56 | 699.00 |
| Pier No. 4 | 729.83 | 729.82 | 729.69 | 729.42 | 726.42 | 706.00 |
| Pier No. 5 | 731.14 | 731.18 | 731.09 | 730.88 | 727.88 | 706.00 |



ANCHOR BOLT LAYOUT

- NOTES
- 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.
 - Design foundation pressure is 4.5 tons per sq. ft. for Piers 3, 4, & 5.
 - Footings for 3, 4, & 5 shall extend a minimum of 3" into shale or to the elevation shown, whichever is lower.

This sheet supersedes sheet 290. 3-24-60.

MICHAEL BAKER JR., CONSULTING ENGINEERS
ROCHESTER, PENNSYLVANIA

PIERS
BRIDGE NO. LAK-I-0276
UNDER MAPLE GROVE ROAD

LAKE COUNTY STA. 145+98.94

| Designed | Drawn | Traced | Checked | Reviewed-Date | Revised |
|----------|--------|--------|---------|----------------|---------|
| C.P.J. | Y.G. | A.C.M. | C.V.P. | H.G.H. 8-22-58 | 3-22-60 |
| P.C.K. | A.C.M. | | | | |