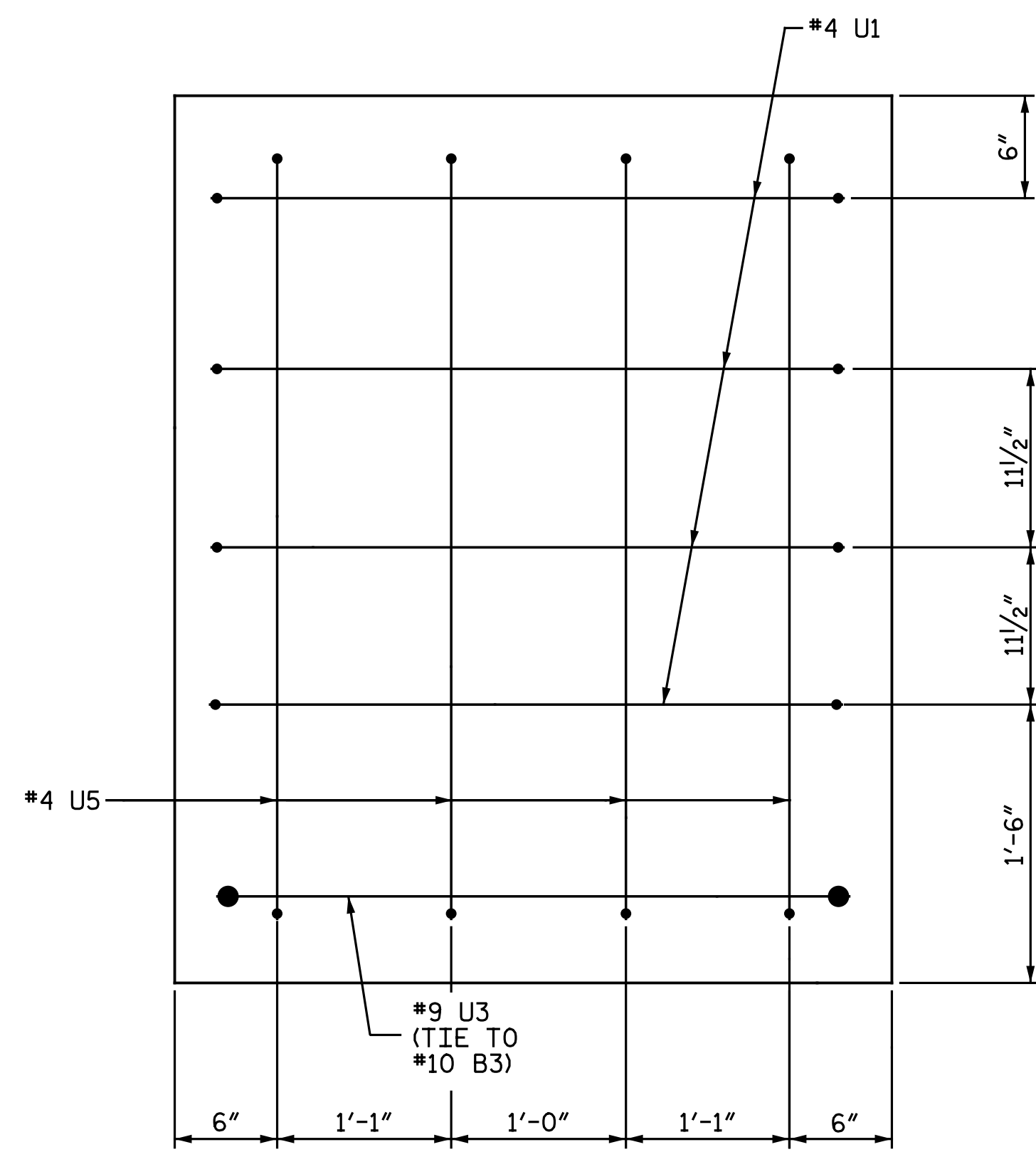
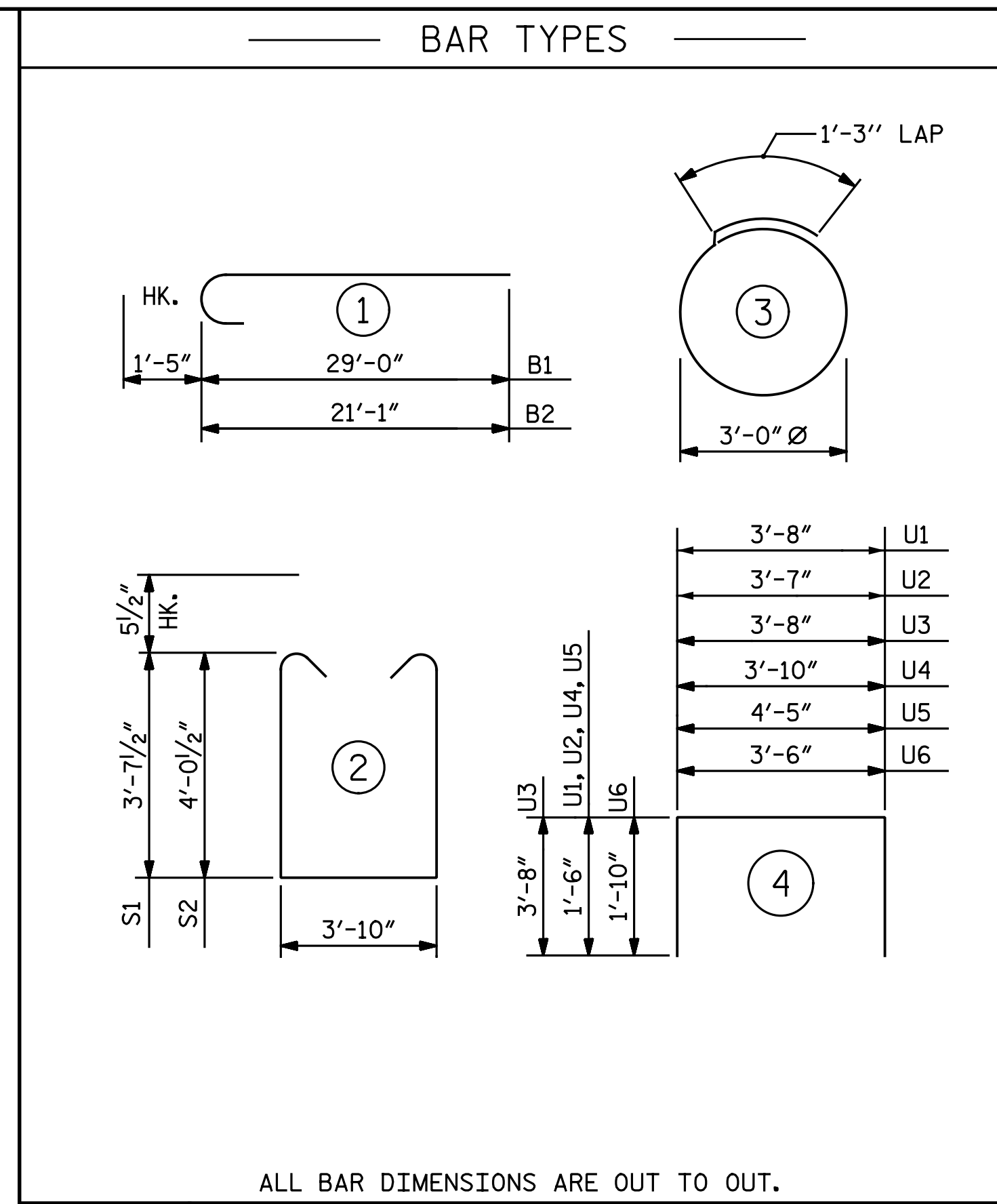


VIEW X-X

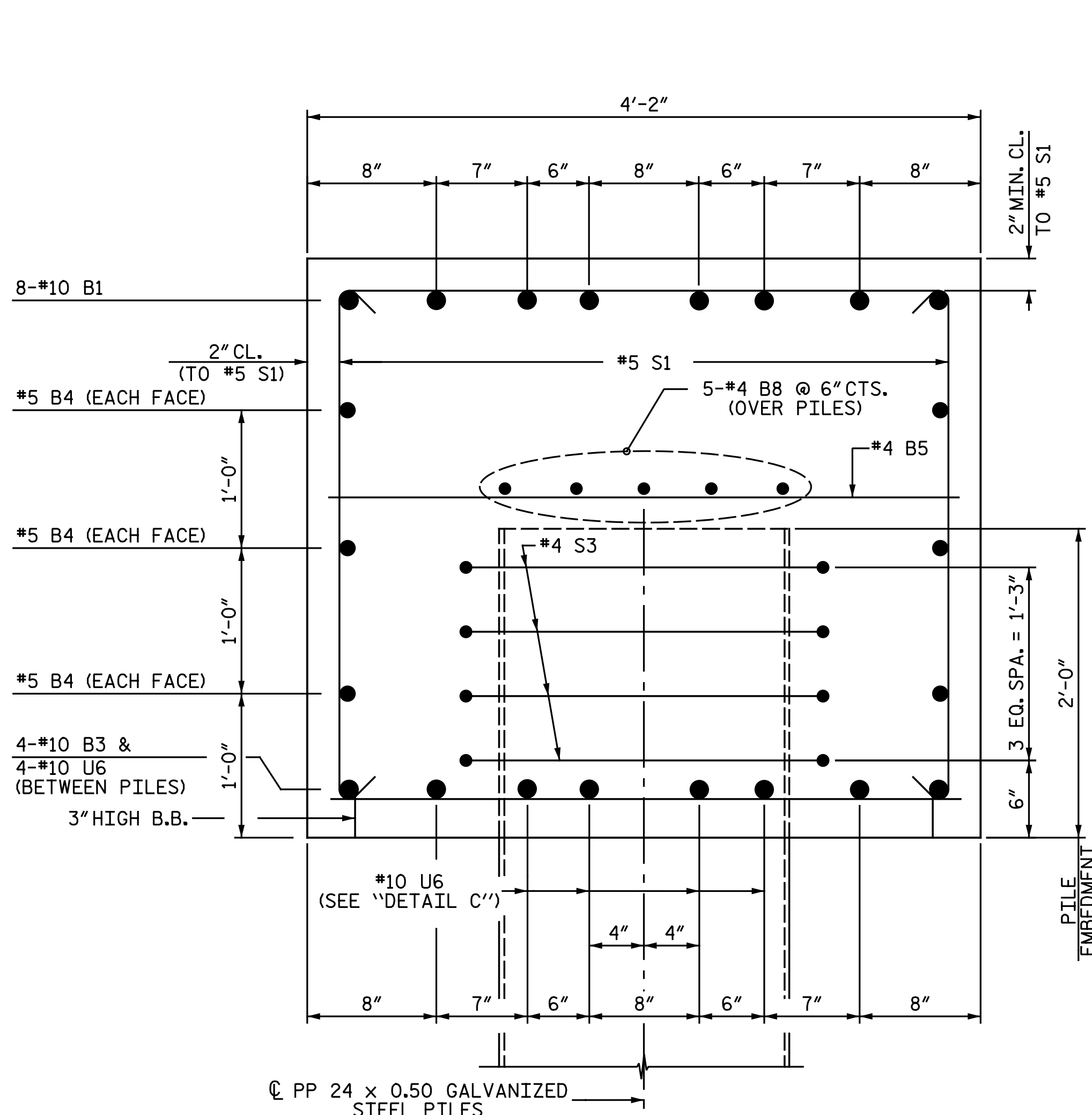


VIEW Y-Y

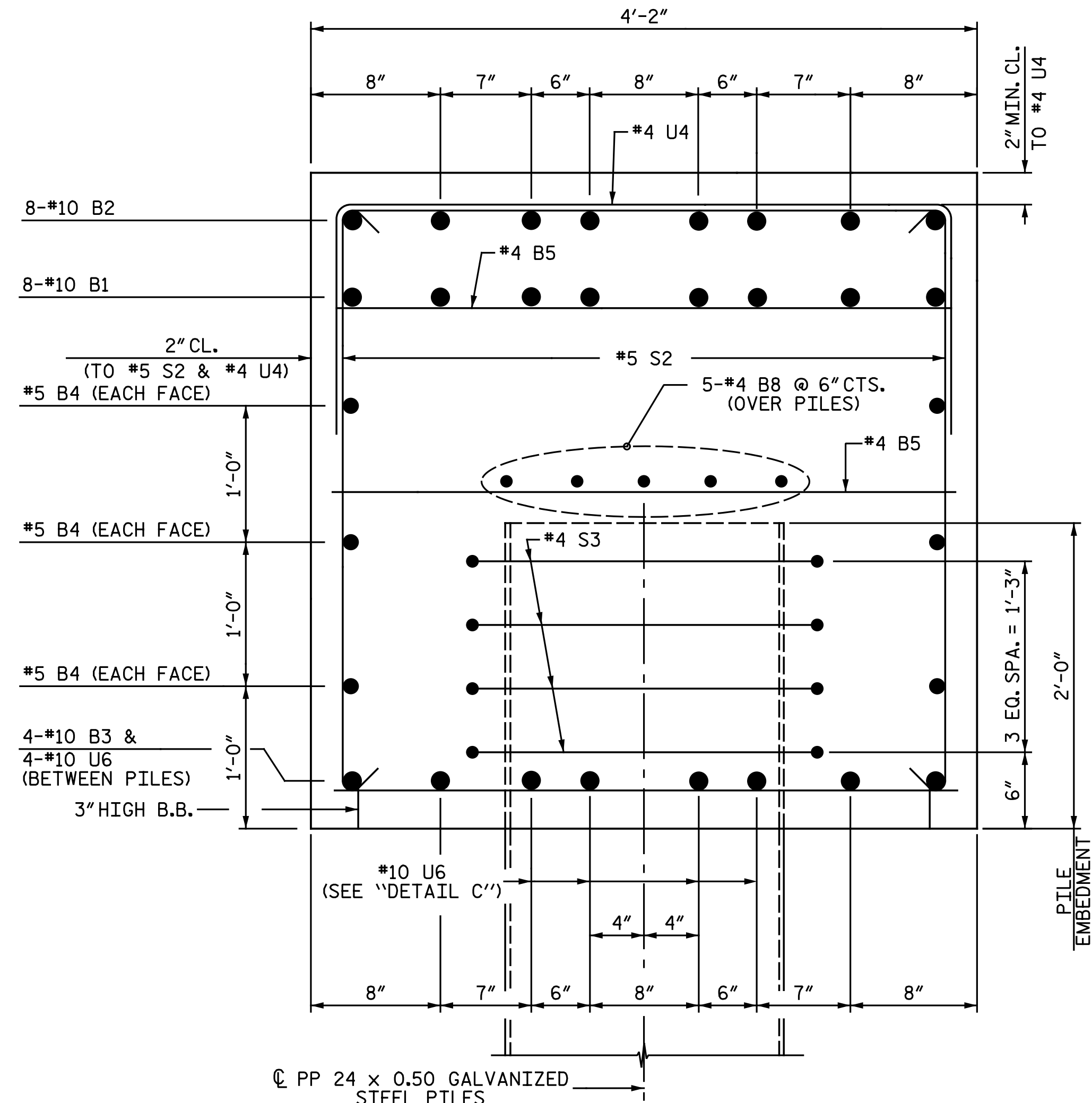


ALL BAR DIMENSIONS ARE OUT TO OUT.

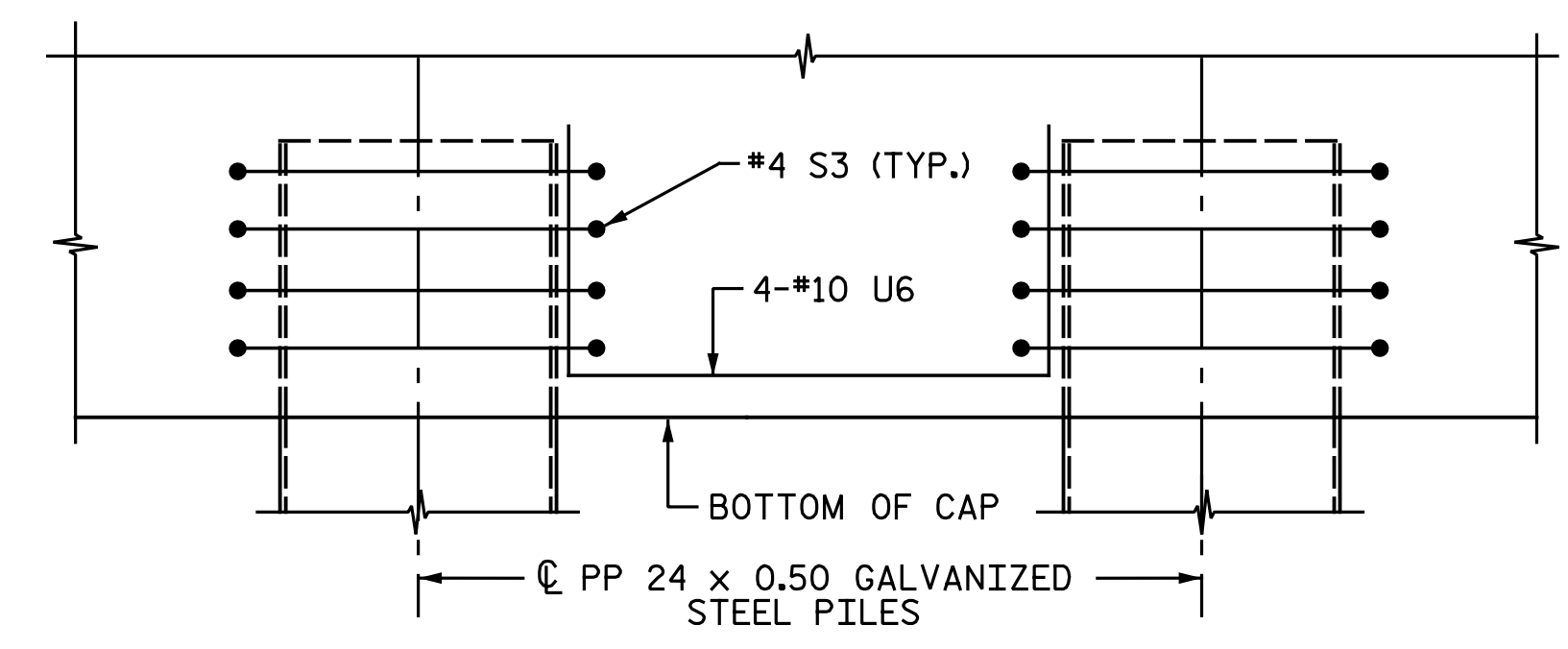
| BILL OF MATERIAL | | | | | |
|-------------------------------------|-----|------|------|-----------|--------|
| BENT 5 | | | | | |
| BAR NO. | NO. | SIZE | TYPE | LENGTH | WEIGHT |
| B1 | 8 | 10 | 1 | 30' - 5" | 1,047 |
| B2 | 8 | 10 | 1 | 22' - 6" | 775 |
| B3 | 4 | 10 | STR | 39' - 0" | 671 |
| B4 | 6 | 5 | STR | 39' - 0" | 244 |
| B5 | 14 | 4 | STR | 3' - 10" | 36 |
| B6 | 8 | 4 | STR | 3' - 7" | 19 |
| B7 | 16 | 4 | STR | 8' - 7" | 92 |
| B8 | 10 | 4 | STR | 20' - 9" | 139 |
| S1 | 20 | 5 | 2 | 12' - 0" | 250 |
| S2 | 22 | 5 | 2 | 12' - 10" | 294 |
| S3 | 28 | 4 | 3 | 10' - 9" | 201 |
| U1 | 7 | 4 | 4 | 6' - 8" | 31 |
| U2 | 4 | 4 | 4 | 6' - 7" | 18 |
| U3 | 2 | 9 | 4 | 11' - 0" | 75 |
| U4 | 41 | 4 | 4 | 6' - 10" | 187 |
| U5 | 4 | 4 | 4 | 7' - 5" | 20 |
| U6 | 24 | 10 | 4 | 7' - 2" | 740 |
| REINFORCING STEEL | | | | LBS. | 4,839 |
| CLASS "A" CONCRETE BREAKDOWN | | | | | |
| POUR #1 - CAP | | | | C.Y. | 26.6 |
| PP 24 x 0.50 GALVANIZED STEEL PILES | | | | | |
| No. 7 | | | | LIN. FT. | 315 |
| PIPE PILE PLATES | | | | EA. | 7 |
| PILE REDRIVES | | | | EA. | 4 |



SECTION A-A

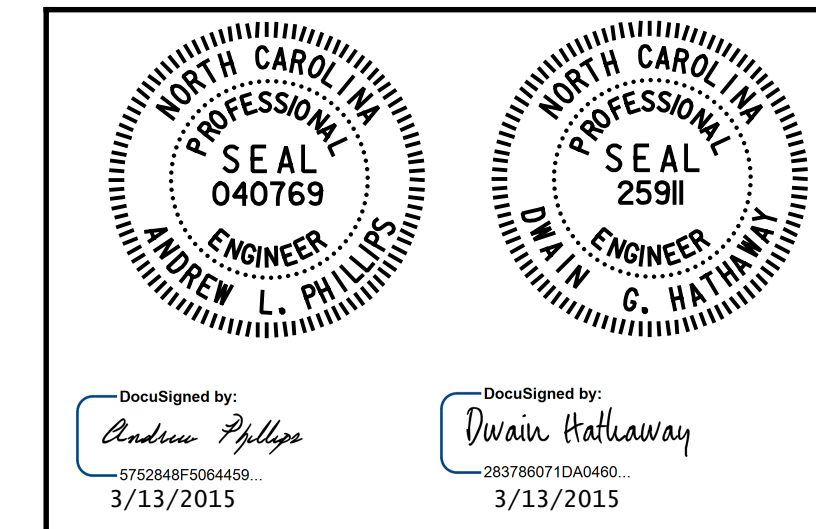


SECTION B-B



DETAIL C
(TYP. EACH BAY)

PROJECT NO. R-2514D
JONES COUNTY
 STATION: 389+47.50 -L-
 SHEET 2 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 BENT 5 DETAILS
 LEFT LANE

DRAWN BY: N. B. SPEAKS DATE: 6-13-14
 CHECKED BY: A. M. HOUSTON DATE: 7-14-14

DWG. 45 OF 68

| | | | | | | |
|-----|--|-------|-----|---------------------|-------|--------------|
| | Michael Baker Engineering 8000 Regency Parkway, Suite 600 Cary, North Carolina 27518 NC License No.: F-1084 | | | SHEET NO. S07-45 | | |
| | REVISIONS | | | | | |
| NO. | BY: | DATE: | NO. | BY: | DATE: | TOTAL SHEETS |
| 1 | | | 3 | | | 68 |
| 2 | | | 4 | | | |