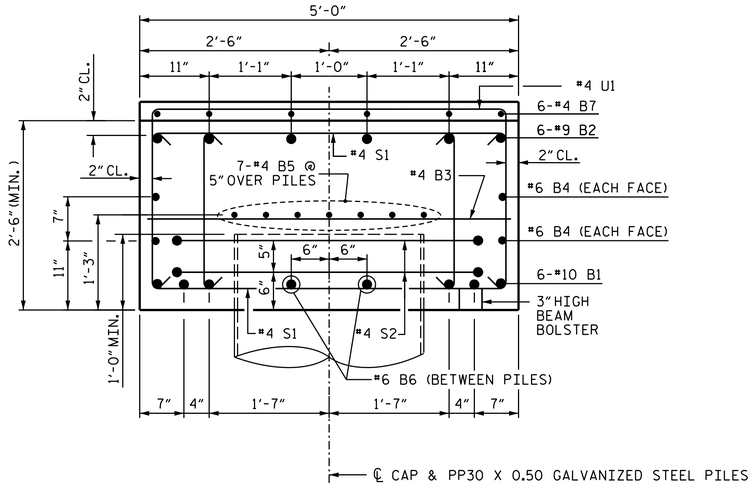
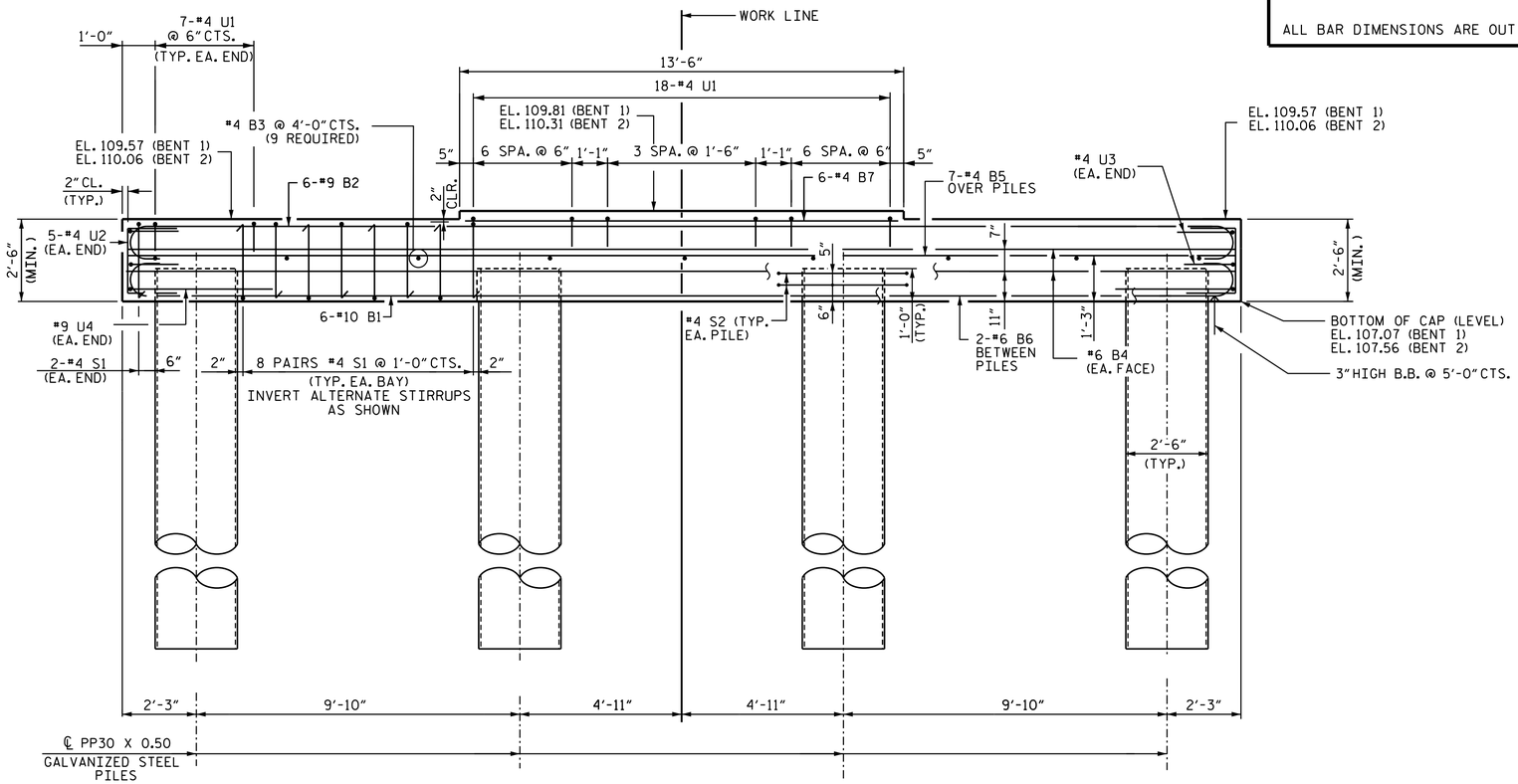
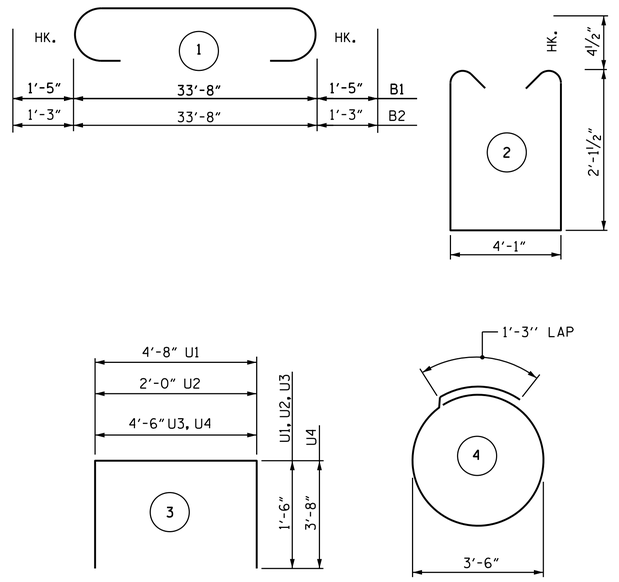



## SECTION THRU BENT CAP




## ELEVATION

## BAR TYPES




ALL BAR DIMENSIONS ARE OUT TO OUT.

## BILL OF MATERIAL

### FOR BENT 1 OR 2

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|---|---|---|---|---|---|
| B1 | 6 | 10 | 1 | 36'-6" | 942 |
| B2 | 6 | 9 | 1 | 36'-2" | 738 |
| B3 | 9 | 4 | STR. | 4'-8" | 28 |
| B4 | 4 | 6 | STR. | 33'-8" | 202 |
| B5 | 7 | 4 | STR. | 33'-8" | 157 |
| B6 | 6 | 6 | STR. | 7'-0" | 63 |
| B7 | 6 | 4 | STR. | 13'-2" | 53 |
| | | | | | |
| S1 | 52 | 4 | 2 | 9'-1" | 316 |
| S2 | 8 | 4 | 4 | 12'-3" | 65 |
| | | | | | |
| U1 | 32 | 4 | 3 | 7'-8" | 164 |
| U2 | 10 | 4 | 3 | 5'-0" | 33 |
| U3 | 4 | 4 | 3 | 7'-6" | 20 |
| U4 | 2 | 9 | 3 | 11'-10" | 80 |

| | |
|---|---|
| REINFORCING STEEL, LBS. | 2861 |
| CLASS A CONCRETE, CU. YD. | 15.6 |
| PP 30 X 0.50 GALVANIZED STEEL PILES | |
| NO. | 4 |
| LIN. FT. | 230 - BENT 1 |
| LIN. FT. | 260 - BENT 2 |
| PILE DRIVING EQUIPMENT SETUP FOR PP 30 X 0.50 GALVANIZED STEEL PILES, EA. | 4 |
| PILE REDRIVES, EA. | 2 |

(NOTE: PILE HEADS HAVE BEEN DEDUCTED FROM CLASS A CONCRETE)

PROJECT NO. B-5703

CUMBERLAND/HARNETT COUNTY

STATION: 16+92.70 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

# SUBSTRUCTURE BENT 1 OR 2

DocuSigned by: DB3C8E45B0BD4B8... 7/1/2021
NORTH CAROLINA PROFESSIONAL SEAL 14114 ENGINEER ROBERT C. LARSON

DESIGN ENGINEER OF RECORD: DocuSigned by: DB3C8E45B0BD4B8... DATE: 7/1/2021
DRAWN BY: A. K. ALLANKI DATE: 09/23/20
CHECKED BY: R. C. LARSON DATE: 09/27/20

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

ENGINEERS & PLANNERS & SCIENTISTS & CONSTRUCTION MANAGERS LICENSE NUMBER: C-0764
KCI Associates of North Carolina, P.A.
4505 Falls of Neuse Road, Suite 400 Raleigh, NC 27609-6270 Phone (919) 785-9284

| REVISIONS | | | | | | SHEET NO. |
|---|---|---|---|---|---|---|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S-22 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 29 |

KCI JOB NO: 251801945.13