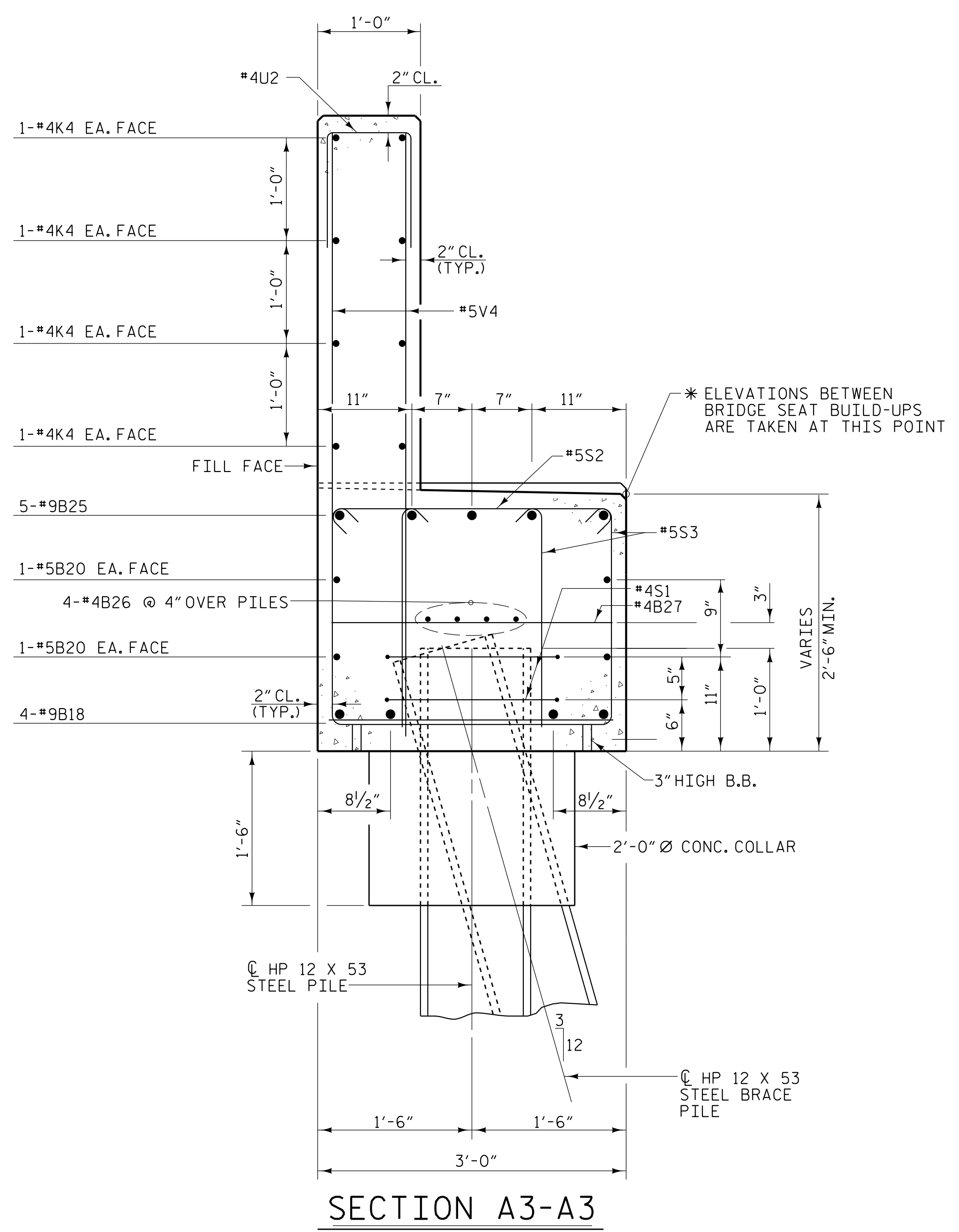
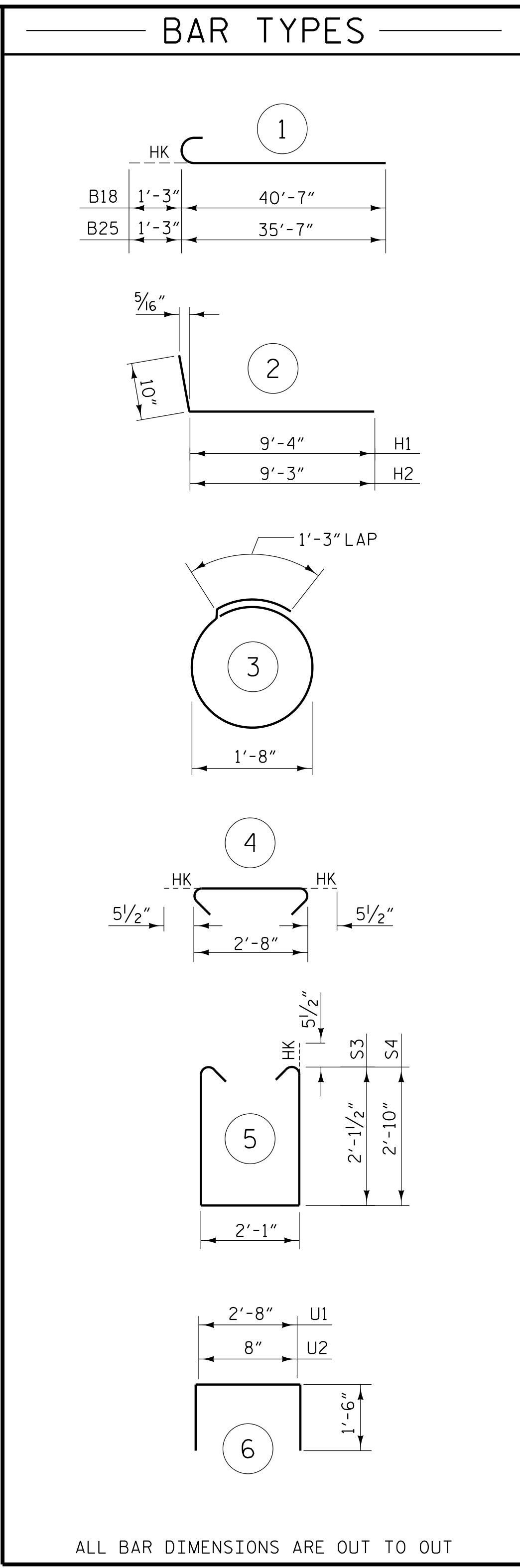


PART SECTION B3-B3



SECTION A3-A3



BILL OF MATERIAL

END BENT 2 - STAGE III

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|-----|-----|------|------|---------|--------|
| B18 | 4 | #9 | 1 | 41'-10" | 569 |
| B19 | 4 | #9 | STR | 40'-7" | 552 |
| B20 | 8 | #5 | STR | 40'-1" | 334 |
| B21 | 5 | #9 | STR | 49'-4" | 839 |
| B22 | 15 | #4 | STR | 11'-2" | 112 |
| B23 | 5 | #4 | STR | 2'-11" | 10 |
| B24 | 2 | #9 | STR | 46'-10" | 318 |
| B25 | 5 | #9 | 1 | 36'-10" | 626 |
| B26 | 12 | #4 | STR | 27'-4" | 219 |
| B27 | 20 | #4 | STR | 2'-8" | 36 |
| H1 | 10 | #5 | 2 | 10'-2" | 106 |
| H2 | 10 | #5 | 2 | 10'-1" | 105 |
| K2 | 8 | #4 | STR | 2'-8" | 14 |
| K4 | 24 | #4 | STR | 27'-4" | 438 |
| S1 | 16 | #4 | 3 | 6'-6" | 69 |
| S2 | 90 | #5 | 4 | 3'-7" | 336 |
| S3 | 62 | #5 | 5 | 7'-3" | 469 |
| S4 | 118 | #5 | 5 | 8'-8" | 1067 |
| U1 | 40 | #4 | 6 | 5'-8" | 151 |
| U2 | 74 | #4 | 6 | 3'-8" | 181 |
| V2 | 26 | #4 | STR | 7'-5" | 129 |
| V4 | 148 | #5 | STR | 5'-10" | 900 |

TOTAL REINFORCING STEEL 7580 lbs.

CLASS "A" CONCRETE - CU. YARDS

| | |
|------------------------------------|----------------------|
| POUR 1 (CAP, COLLARS & LOWER WING) | 29.6 CU. YDS. |
| POUR 2 (BACKWALL & UPPER WING) | 12.9 CU. YDS. |
| TOTAL | 42.5 CU. YDS. |

PROJECT NO. I-5987B
ROBESON COUNTY
 STATION: 586+14.00 -L- POT

SHEET 6 OF 6

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 END BENT 2
 DETAILS
 STAGE III

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | TOTAL SHEETS |
| 1 | | | 3 | | | 64 |
| 2 | | | 4 | | | |

PLANS PREPARED BY:

NV5

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

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DRAWN BY : W. B. ALLEN DATE : 12/21
 CHECKED BY : G. F. WILSON DATE : 2/22
 DESIGN ENGINEER OF RECORD: L. K. AUSTIN DATE : 2/22