

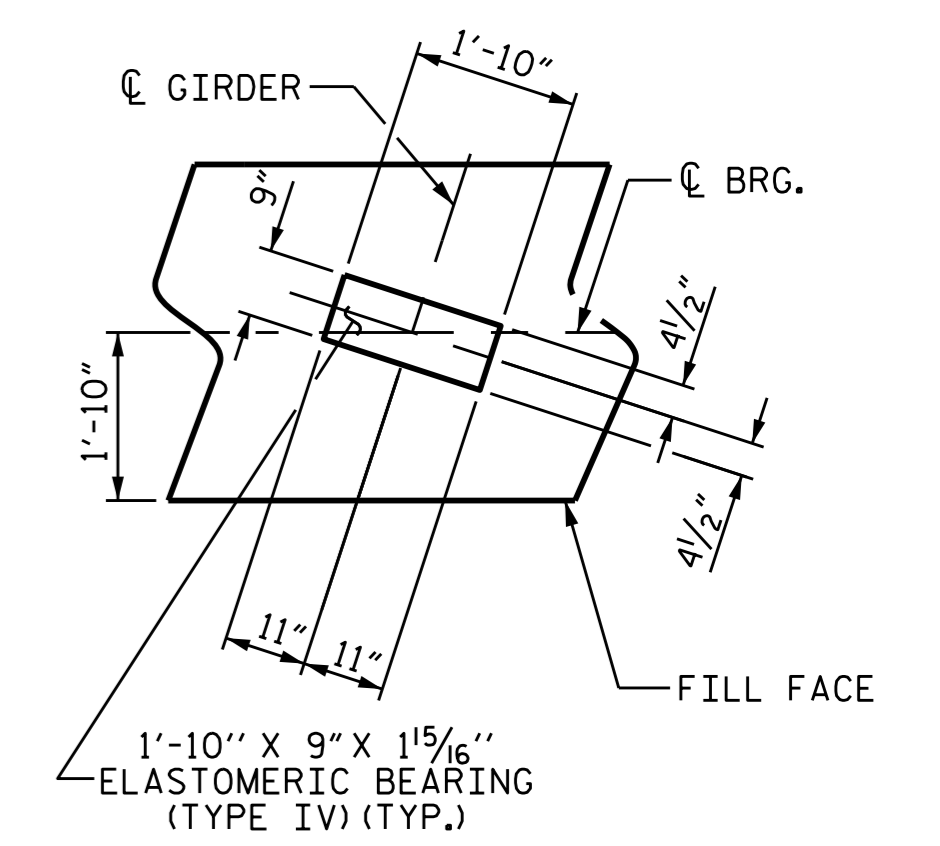
**NOTES**

THE TOP SURFACE OF THE END BENT CAP AND WINGS, EXCEPT THE BEARING AREA, SHALL BE RAKED TO A DEPTH OF 1/4".

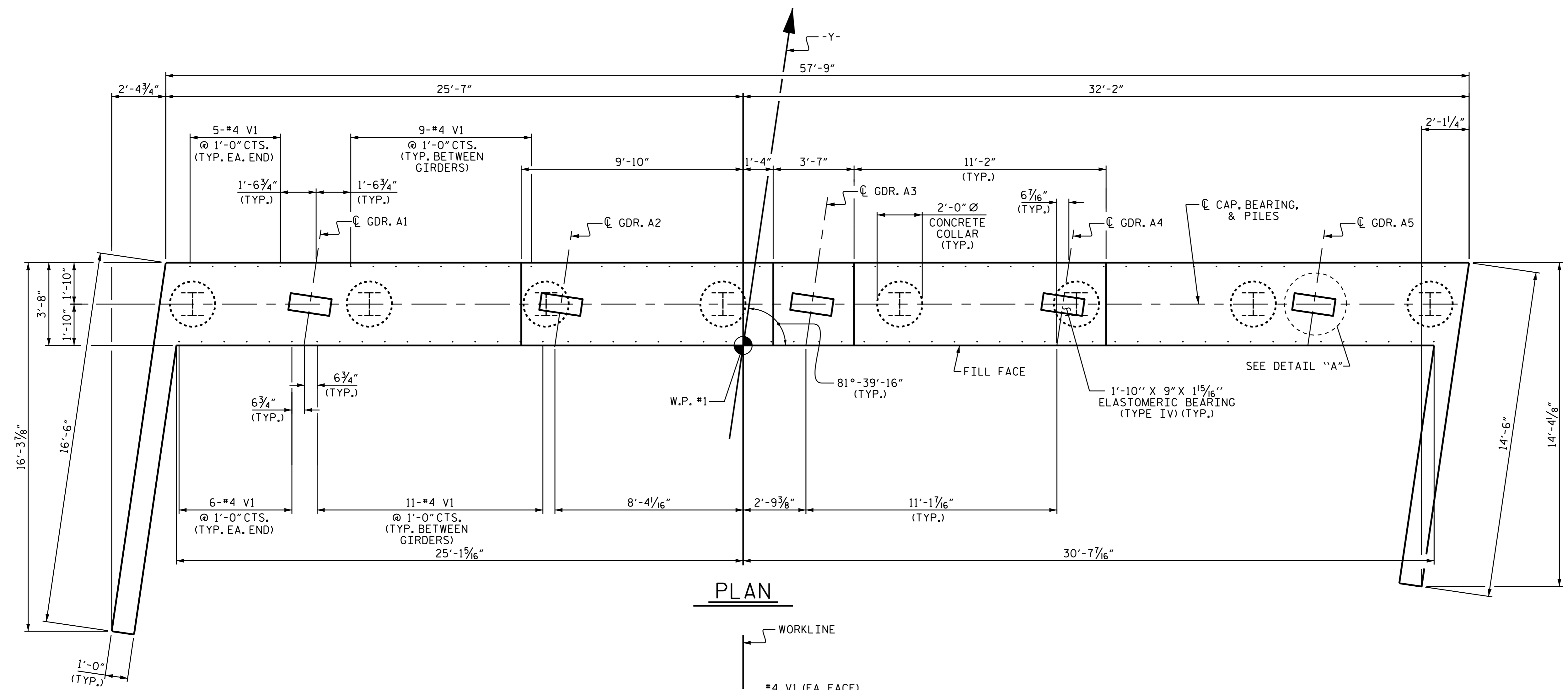
THE UPPER PORTION OF THE WINGS SHALL BE POURED WITH THE SUPERSTRUCTURE, CONCRETE AND REINFORCING STEEL QUANTITIES ARE INCLUDED IN THE SUPERSTRUCTURE BILL OF MATERIAL. FOR DETAILS, SEE SUPERSTRUCTURE PLANS.

INSTALL THE 4" DIA. DRAIN PIPE THROUGH THE WING WALL AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS, SEE THE ROADWAY PLANS. REINFORCING STEEL IN THE WING WALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.

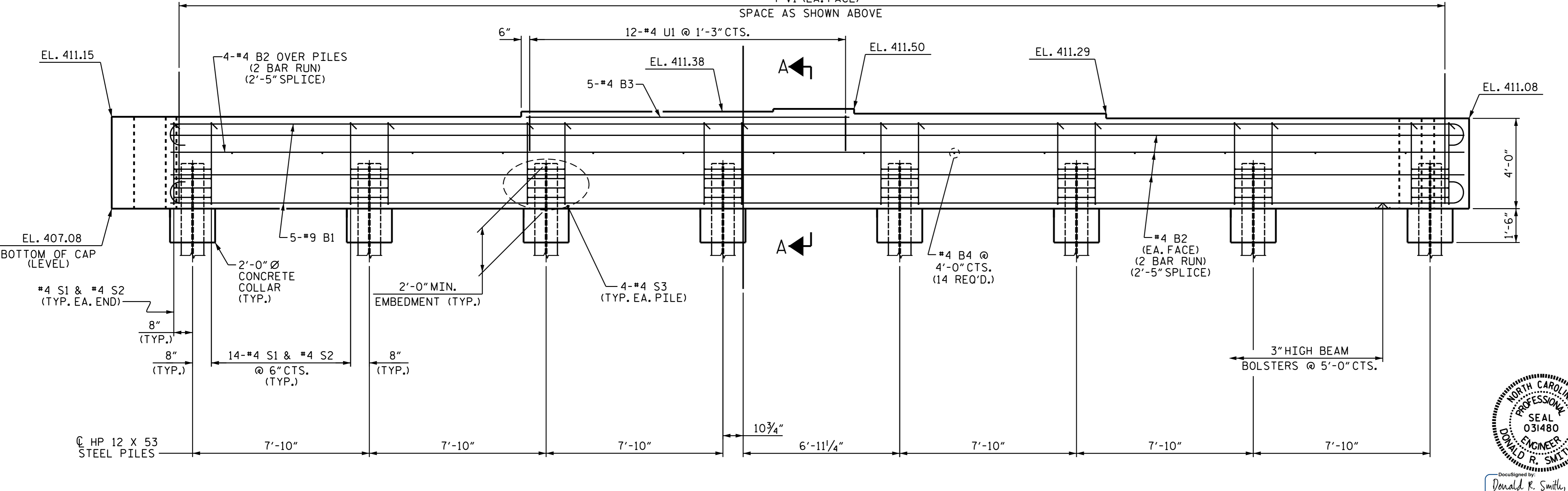
FOR TEMPORARY DRAINAGE AT END BENT, SEE END BENT 2.



**DETAIL "A"**  
(TYP. EA. BEARING)

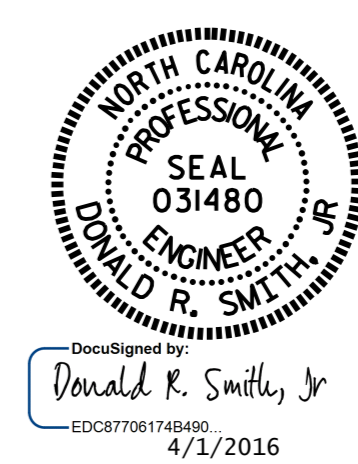


**PLAN**



**ELEVATION**

PROJECT NO. U-3308  
DURHAM COUNTY  
 STATION: 23+00.86-LALT-  
 SHEET 1 OF 2



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUBSTRUCTURE**  
**INTEGRAL**  
**END BENT 1**

DRAWN BY: J.D.HAWK DATE: 8/13/14  
 CHECKED BY: P.S.ADKINS DATE: 9/3/14  
 DESIGN ENGINEER OF RECORD: D.R.SMITH DATE: 11/3/14

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

| REVISIONS |     |       |     |     |       | SHEET NO.    |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO.       | BY: | DATE: | NO. | BY: | DATE: | TOTAL SHEETS |
| 1         |     |       | 3   |     |       | 32           |
| 2         |     |       | 4   |     |       |              |