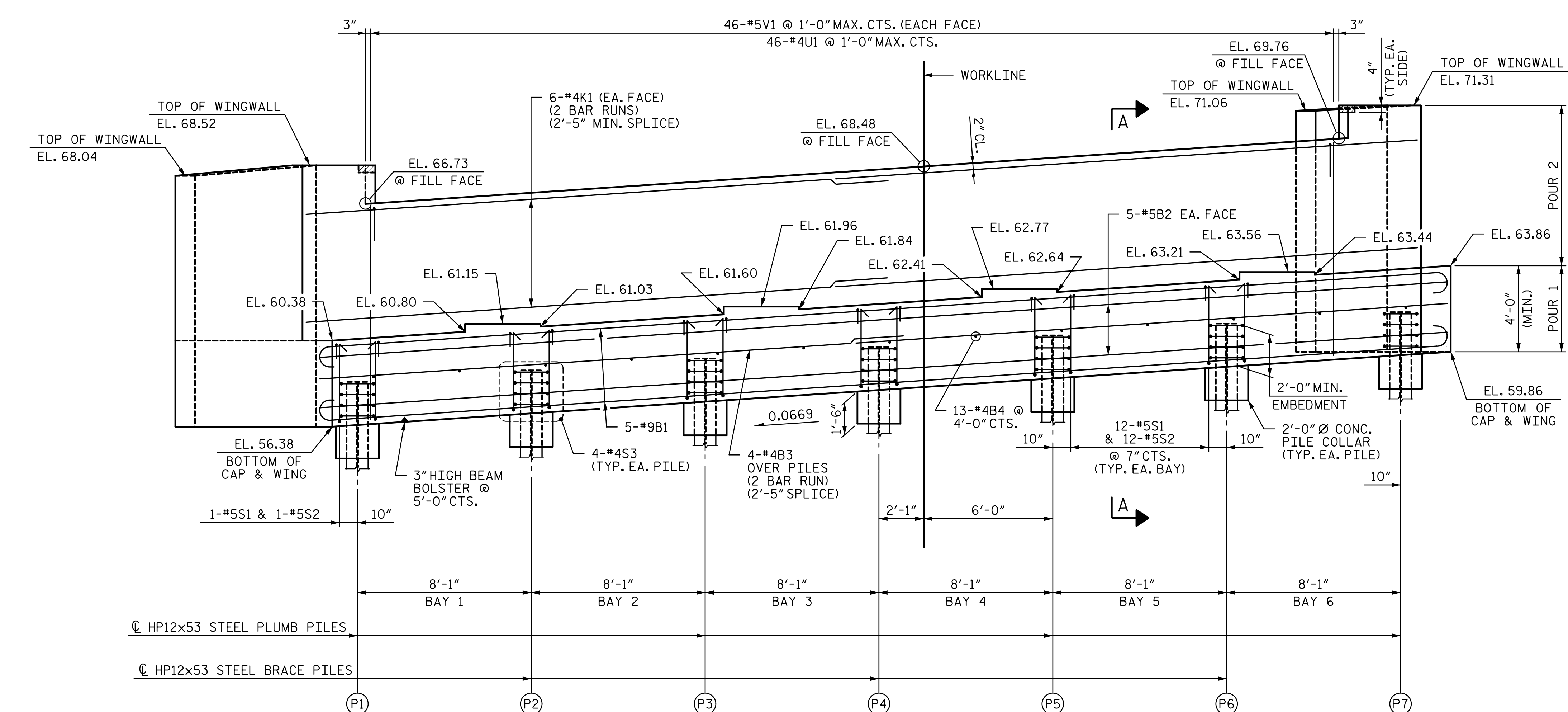
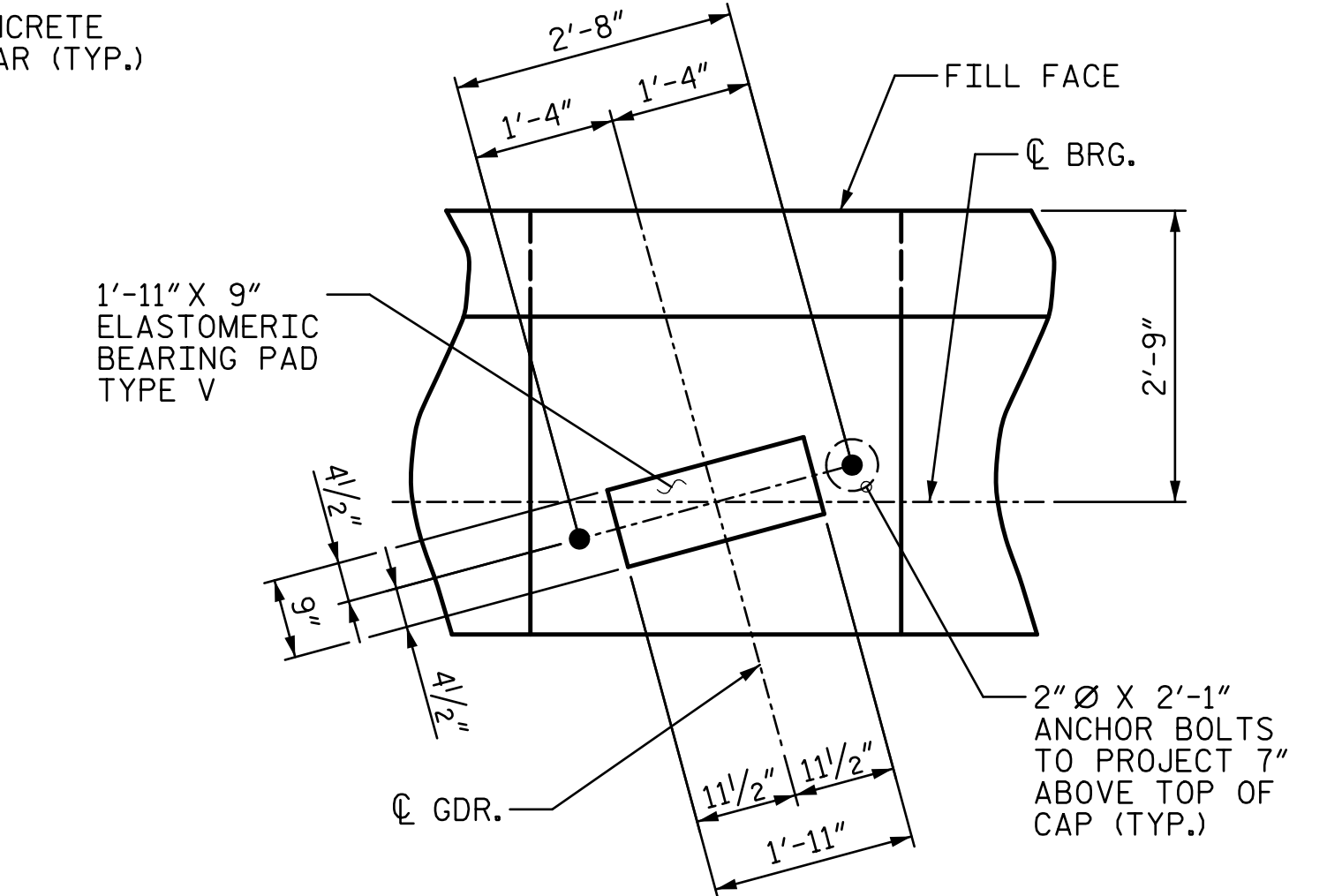


PLAN



ELEVATION

**NOTES:**  
 STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.  
 BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.  
 THE TOP SURFACE AREAS OF THE END BENT CAP SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THAT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.  
 THE TOP SURFACE OF THE CAP EXCEPT THE BRIDGE SEAT BUILDUPS SHALL BE SLOPED TRANSVERSELY FROM THE FILL FACE TO THE OUTSIDE FACE AT THE RATE OF 2%.  
 DIMENSIONS LOCATING PILES ARE SHOWN TO THE CENTERLINE OF THE PILE AT THE BOTTOM OF THE END BENT CAP.  
 INSTALL THE 4"Ø DRAIN PIPE THROUGH THE WING WALL AS REQUIRED FOR THE REINFORCED BRIDGE APPROACH FILL, SEE ROADWAY PLANS. REINFORCING STEEL IN THE WING WALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.  
 CONCRETE IN THE HATCHED AREA OF THE BACKWALL SHALL BE POURED AFTER THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.  
 PILE SPLICE SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND AWS D1.1.



DETAIL "A"  
 DIMENSIONS ARE TYPICAL FOR EACH GIRDER.

TOP OF PILE ELEVATIONS	
PILE	ELEVATION
P1	58.46
P2	59.00
P3	59.54
P4	60.08
P5	60.62
P6	61.16
P7	61.70

PROJECT NO. U-4751  
 NEW HANOVER COUNTY  
 STATION: 35+12.05 -Y8RPDB-  
 SHEET 1 OF 3

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUBSTRUCTURE**  
**END BENT 2**

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

DRAWN BY: MBC DATE: 4-17  
 CHECKED BY: TRL DATE: 4-17

DESIGN ENGINEER OF RECORD: T. LAWS DATE: 5-17

SHEET NO. S4-30  
 TOTAL SHEETS 36

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 ttownsend