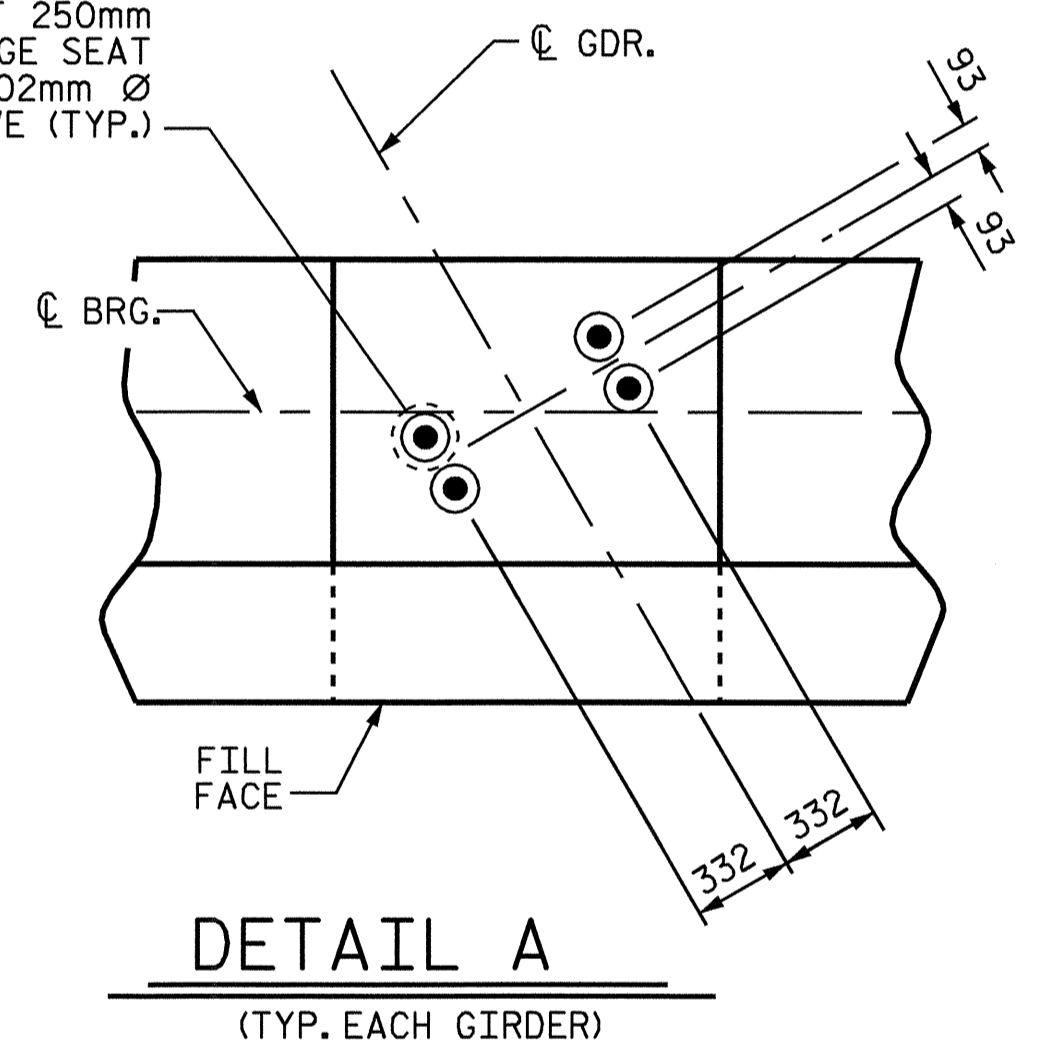


PLAN

NOTES

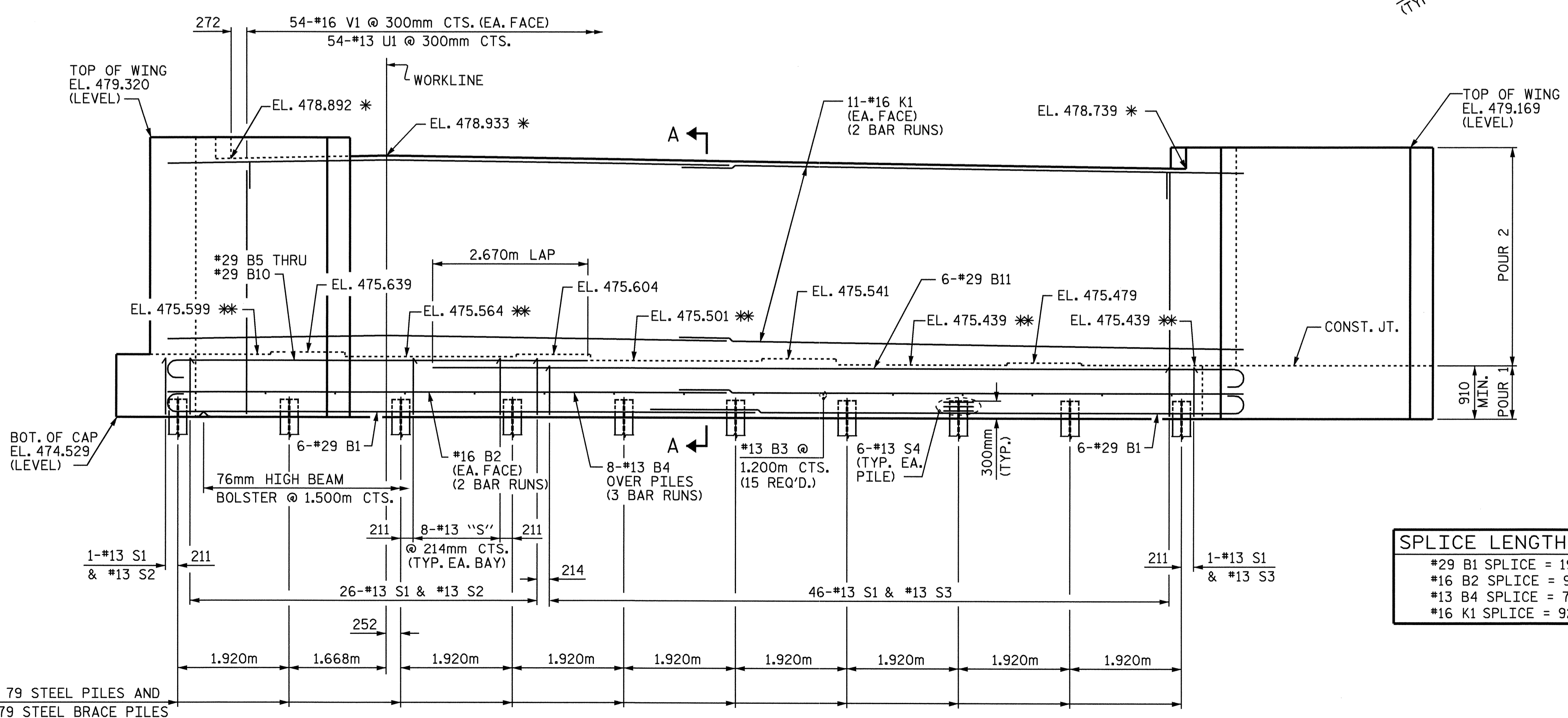
- STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.
- FOR EPOXY PROTECTIVE COATING, SEE SPECIAL PROVISIONS.
- FOR PIPE INSERT DETAILS, SEE "PIN ROCKER BEARING DETAILS" SHEETS.
- BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.
- THE TOP SURFACE AREAS OF THE END BENT CAPS SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT 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 BACK FACE AT THE RATE OF 2 %.
- THE CONTRACTOR SHALL PROVIDE FOR INSTALLATION OF THE 102mm DIAMETER 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.

38.10mm Ø x 630mm ANCHOR BOLTS TO PROJECT 250mm ABOVE BRIDGE SEAT IN 102mm Ø PIPE SLEEVE (TYP.)



DETAIL A
(TYP. EACH GIRDER)

- * THESE ELEVATIONS ARE TAKEN AT FILL FACE.
- ** FOR LOCATION OF ELEVATIONS BETWEEN BRIDGE SEAT BUILD-UPS, SEE SHEET 3 OF 3.



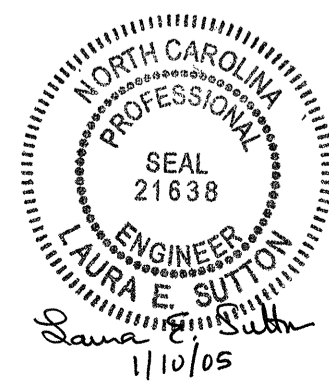
ELEVATION

NOTE : PILE IN WINGS NOT SHOWN FOR CLARITY.

SPLICE LENGTH CHART	
#29 B1 SPLICE	= 1910mm
#16 B2 SPLICE	= 920mm
#13 B4 SPLICE	= 740mm
#16 K1 SPLICE	= 920mm

DRAWN BY : A.S. CALLAWAY DATE : 8/17/04
 CHECKED BY : A.K. PATEL DATE : 9/22/04

10-JAN-2005 10:22
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PROJECT NO. R-0977A
 CHEROKEE COUNTY
 STATION: 16+02.300-LC1B-

SHEET 1 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE END BENT 1					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-32
 TOTAL SHEETS 230

STR. #1