

PLAN

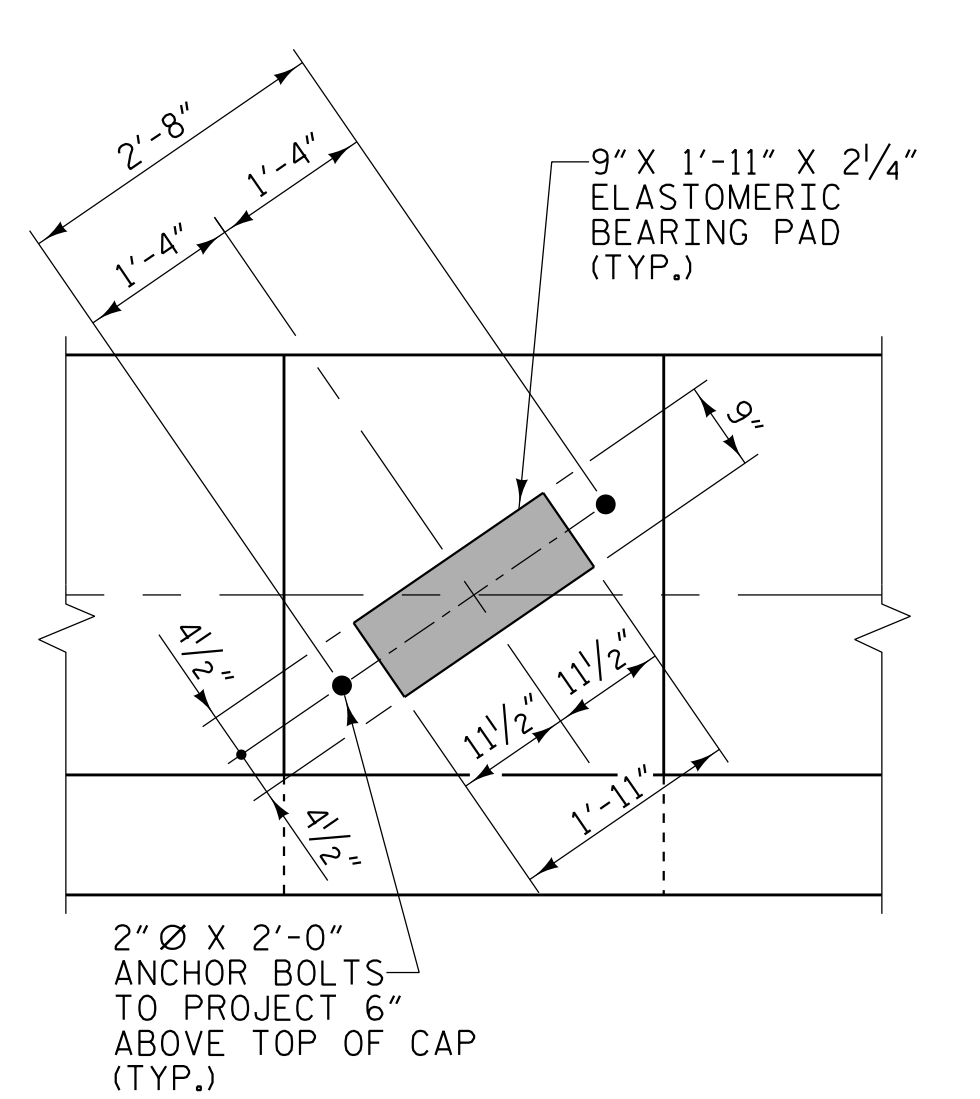
**NOTES**

STIRRUPS AND "U" BARS IN THE CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

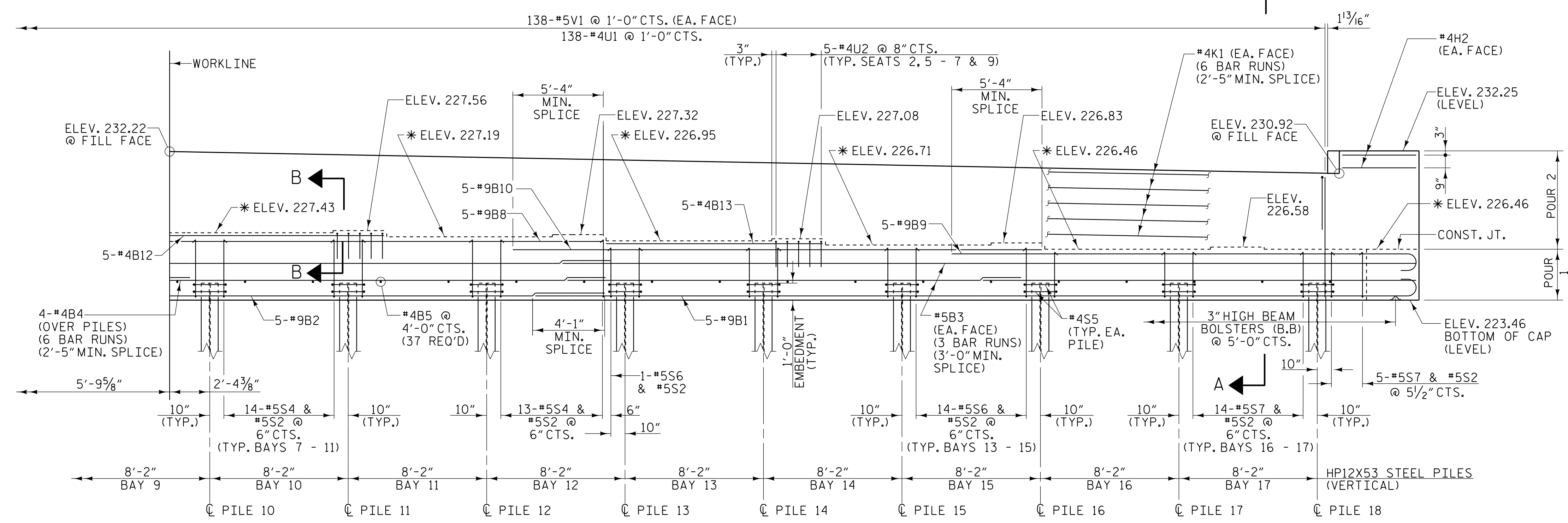
BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

THE TOP SURFACE AREA 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 END BENT CAP EXCEPT THE BRIDGE SEAT BUILDUPS SHALL BE SLOPED TRANSVERSELY FROM THE FILL FACE TO THE BACK FACE AT THE RATE OF 2%.



DETAIL "A" (TYP. EACH GIRDER)



ELEVATION

PROJECT NO. U-2519BB

CUMBERLAND COUNTY

STATION: 80+65.32 -Y17- POT

SHEET 2 OF 3

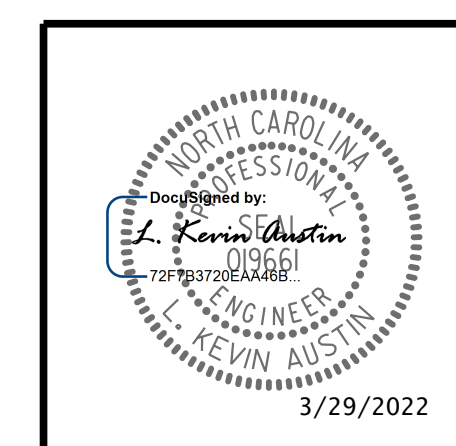
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUBSTRUCTURE  
END BENT 1

PLANS PREPARED BY:

**NV5**

NV5 ENGINEERS & CONSULTANTS, INC.  
3300 REGENCY PARKWAY, SUITE 100  
CARY, NC 27518  
P: 919.851.1912 www.NV5.com  
NC License # F-1333  
Formerly CALV Engineers & Consultants



REVISIONS						SHEET NO. S-29
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 41
2			4			

DRAWN BY: M. D. METZGER DATE: 2/22

CHECKED BY: L. K. AUSTIN DATE: 2/22

DESIGN ENGINEER OF RECORD: L. K. AUSTIN DATE: 2/22

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

3/27/2022 5:57:52 PM G:\Project\2004\2040652\28\CLIENT\Structure\U2519BB\SMU\_LEZ\_250452.dgn