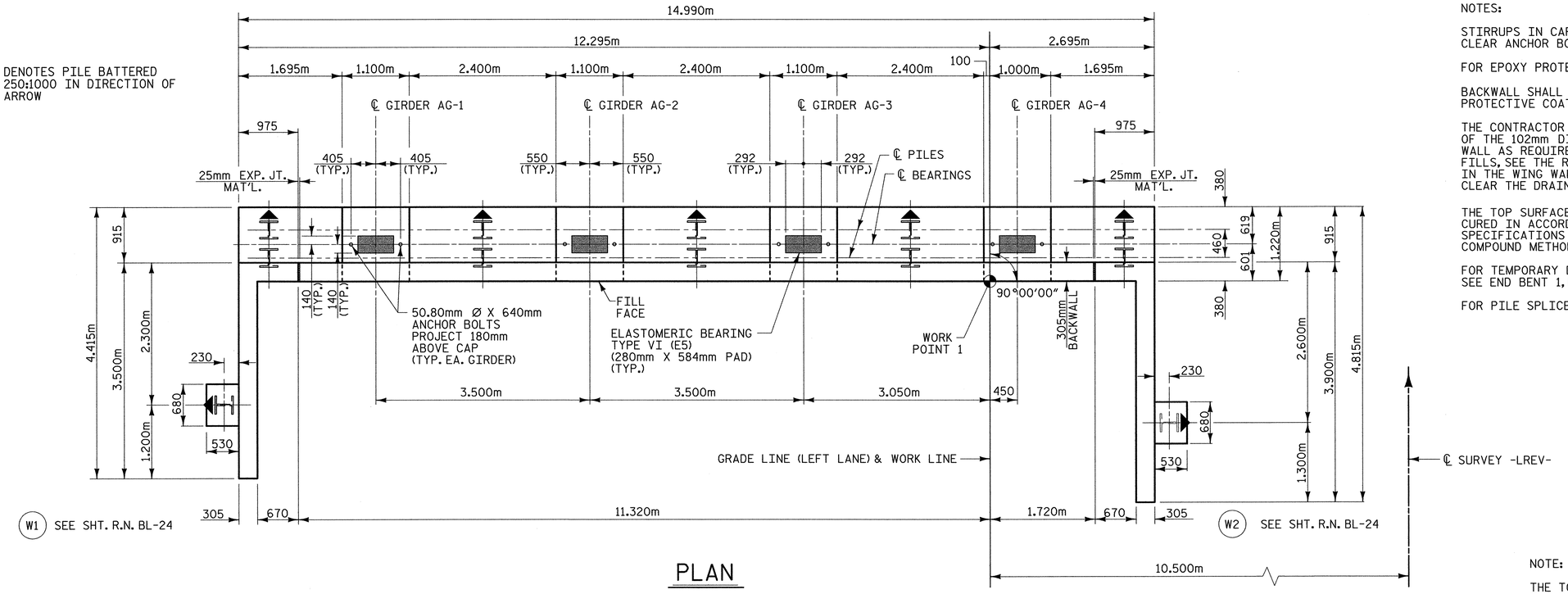


PLAN

NOTES:

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

FOR EPOXY PROTECTIVE COATING, SEE SPECIAL PROVISIONS.

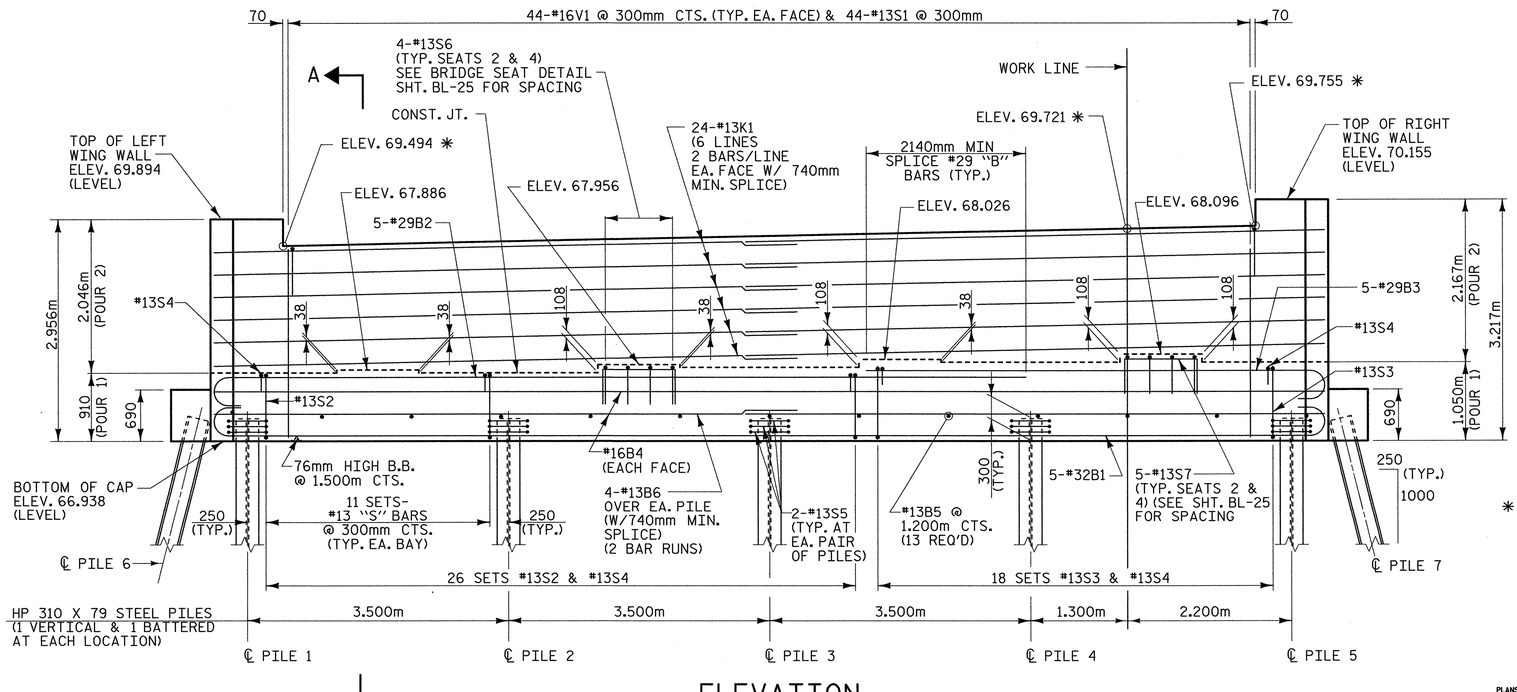
BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

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.

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.

FOR TEMPORARY DRAINAGE AT END BENT, SEE END BENT 1, R.N. BL-25.

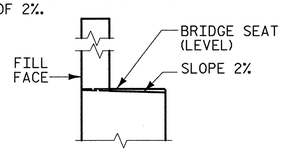
FOR PILE SPLICE DETAILS, SEE END BENT 2, R.N. BL-38.



ELEVATION

NOTE:

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%.



* ELEVATIONS SHOWN @ FILL FACE

METRIC

PROJECT NO. R-2552AA

WAKE - JOHNSTON COUNTY

STATION: 14+38.000 -LREV- POT

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE END BENT 1 (LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-16Z
1			3			TOTAL SHEETS
2			4			429

PLANS PREPARED BY:
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(919) 851-1313
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NORTH CAROLINA PROFESSIONAL SEAL 14116 ENGINEER ROBERT C. LARSON
2/11/05

REFERENCE NO. BL-23

DRAWN BY : J. P. SHERMAN DATE : 9/04
CHECKED BY : R. C. LARSON DATE : 12/04

02/04/2005 06:49:53 AM G:\projects\2004\283.01\R-2552AA_SD_EL_0x.dgn