

NOTES:

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR PIPE INSERTS.

FOR EPOXY PROTECTIVE COATING, SEE SPECIAL PROVISIONS.

FOR POT BEARING AND PIPE INSERT DETAILS, SEE "SUPERSTRUCTURE EXPANSION POT BEARING DETAILS" SHEET.

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.

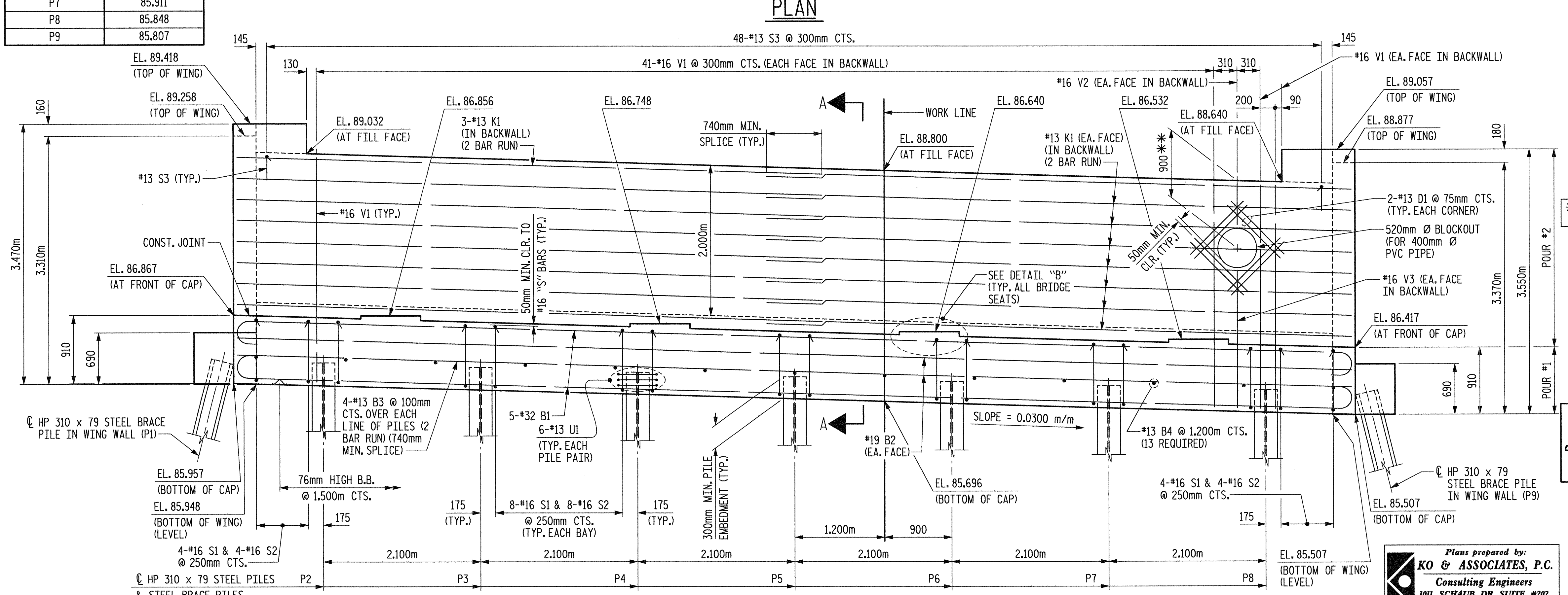
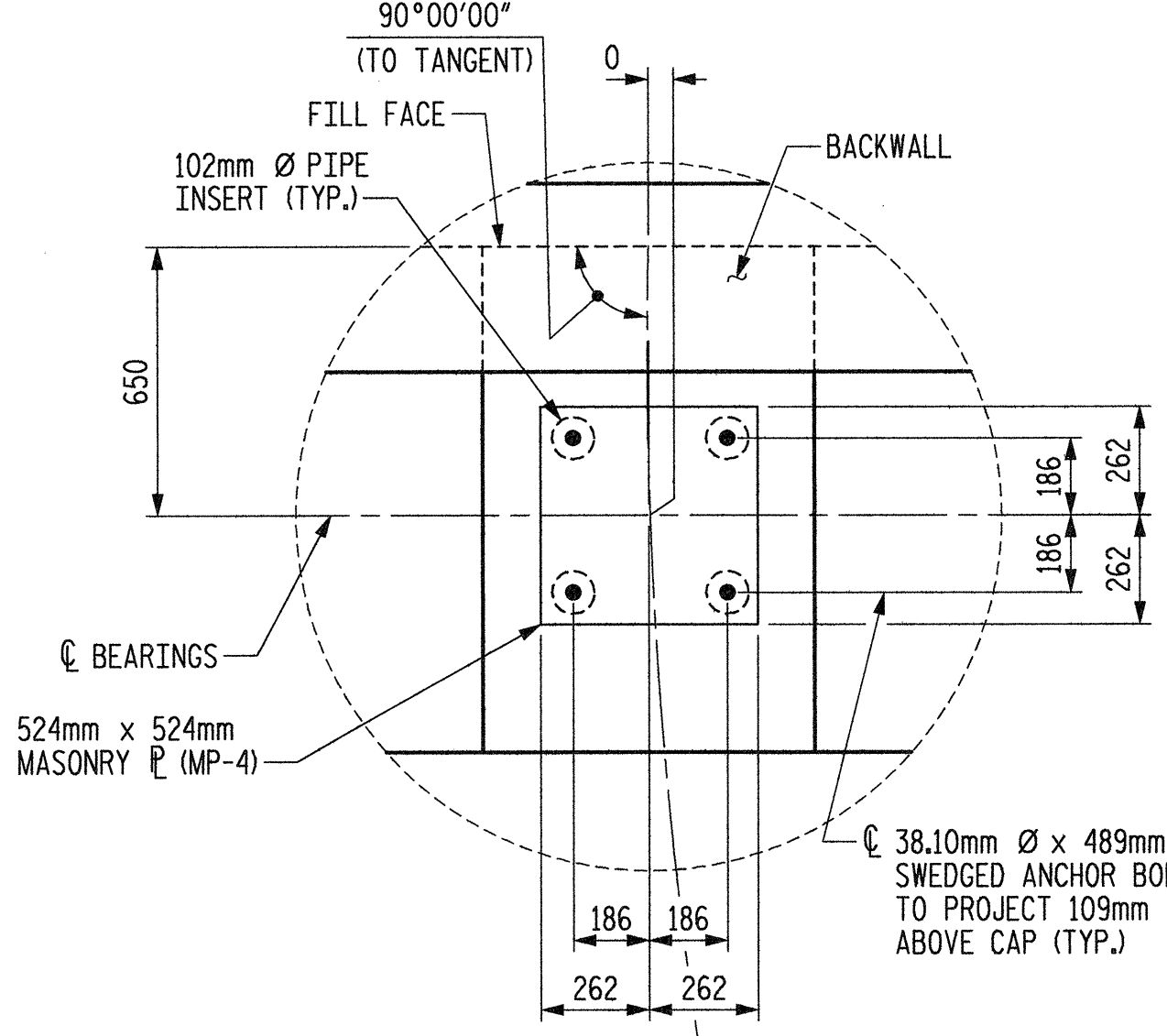
THE TOP SURFACE OF THE CAP EXCEPT THE BRIDGE SEAT BUILDUPS SHALL BE SLOPED TRANSVERSELY FROM THE FILL FACE TO THE BACK FACE AT THE RATE OF 2%.

FOR SECTION A-A, SEE SHEET 2 OF 3.

FOR PILE SPLICE DETAILS, DETAIL "B" AND TEMPORARY DRAINAGE DETAILS, SEE "END BENT #1" SHEET 3 OF 3.

CENTER UTILITY IN BLOCKOUT AND FILL ANNUAL SPACE AROUND UTILITY PIPE WITH JOINT FILLER IN ACCORDANCE WITH STANDARD SPECIFICATION ARTICLE 1028-1.

THE CONTRACTOR SHALL PROVIDE FOR INSTALLATION OF THE 102mm Ø DRAIN PIPE THROUGH THE WING WALL AS REQUIRED FOR REINFORCED BRIDGE APPROACH FILLS. SEE ROADWAY PLANS. REINFORCING STEEL IN THE WING WALL MAY BE SHIFTED AS NECESSARY TO CLEAR THE DRAIN PIPE.



NOTE: FIELD CUT #13 K1 BARS THAT INTERFERE WITH 520mm BLOCKOUT.

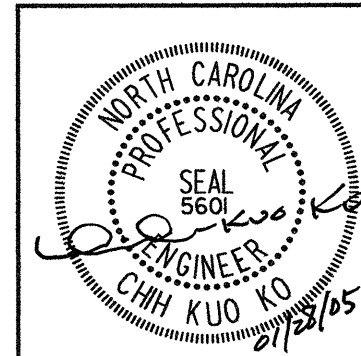
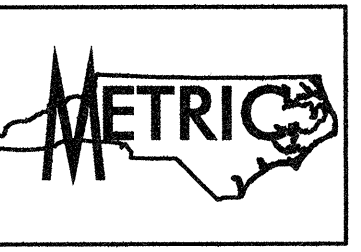
** NOTE: MEASURED FROM TOP OF BACKWALL TO C/P PIPE.

PROJECT NO. R-252AA
 WAKE-JOHNSTON COUNTY
 STATION: 28+31.359 -11Y1-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 END BENT #2



Plans prepared by:
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 For Division of Highways

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			5-132
2			4			429

PLOT: 01/27/2005 8:41:57 PM Ko & Associates, P.C.
 FILE NAME: r12522aa_s4.dwg

DRAWN BY: B.E. LANNING DATE: JAN. 2005
 CHECKED BY: J.C. KO / A.K. ORR DATE: JAN. 2005