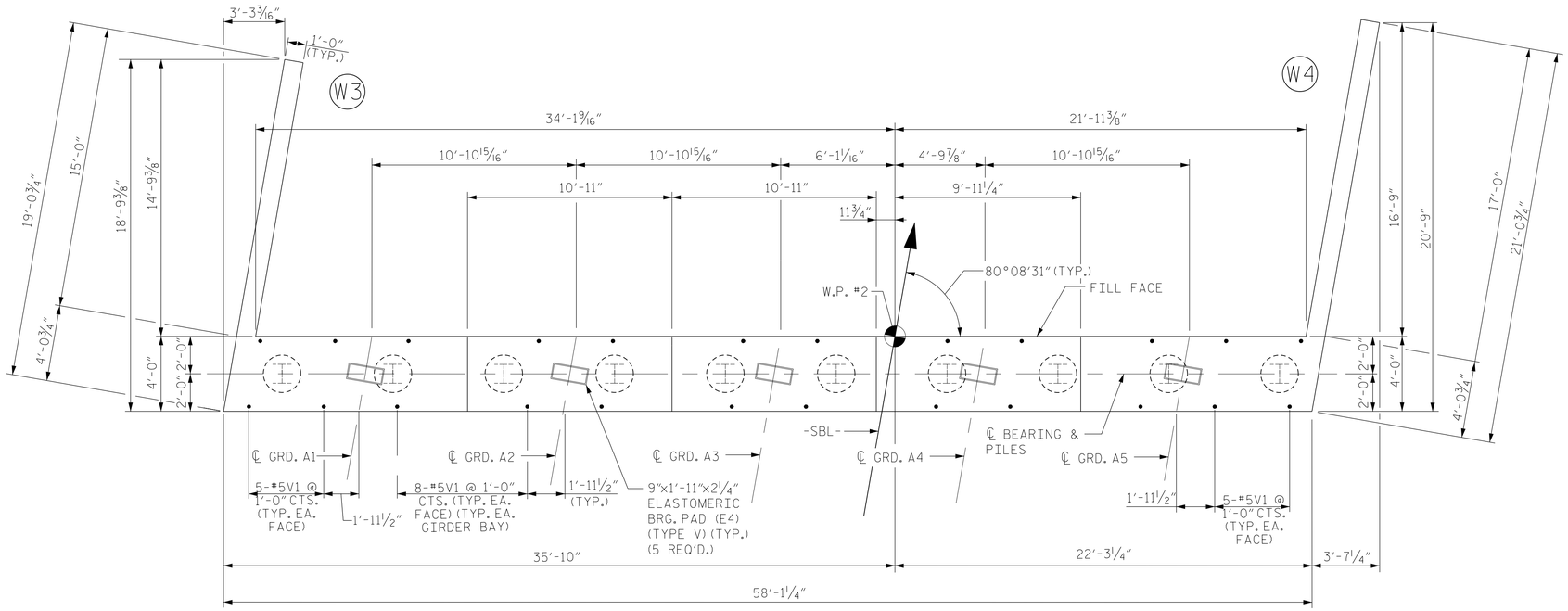


NOTES

FOR BEARING DETAILS, SEE ELASTOMERIC BEARING DETAILS SHEET.

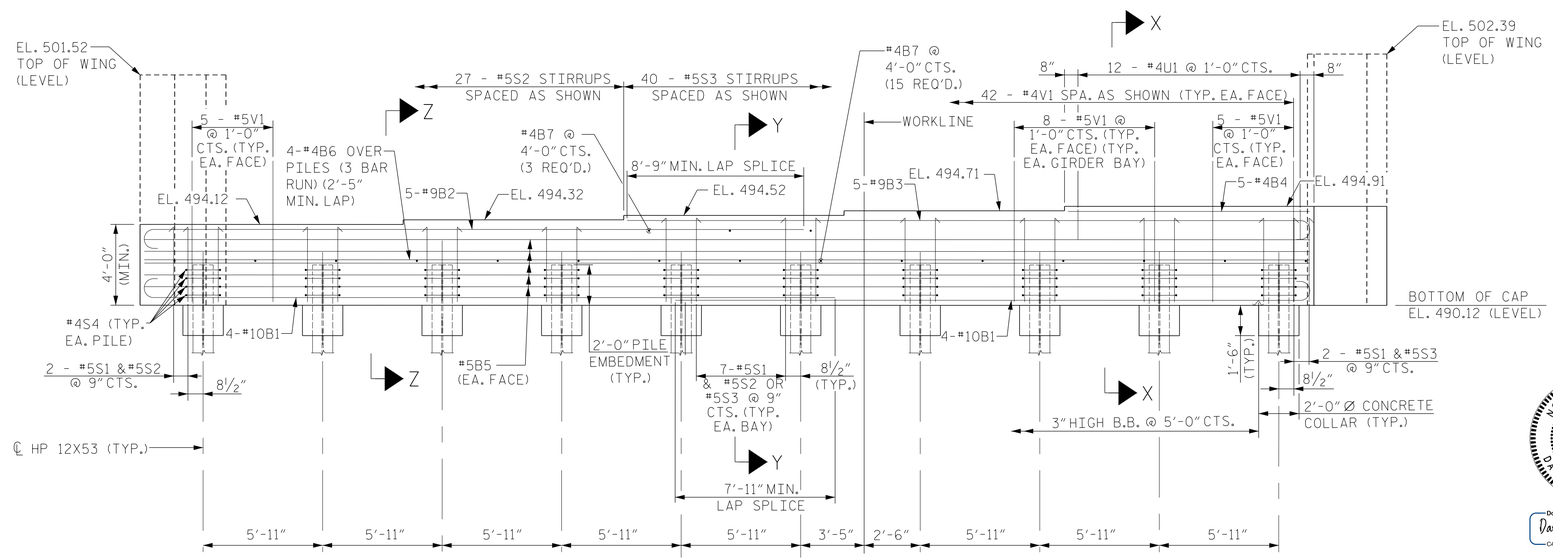
FOR PILE SPLICE DETAILS, SEE SHEET 5 OF 5.

THE UPPER PORTION OF THE WINGS SHALL BE POURED WITH THE SUPERSTRUCTURE.

INSTALL THE 4" DIA. 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 OF THE END BENT CAP AND WINGS, EXCEPT THE BEARING AREA, SHALL BE RAKED TO A DEPTH OF 1/4".

FOR CONCRETE COLLAR DETAIL, SEE SHEET 2 OF 5.



PROJECT NO. I-0914BA

VANCE COUNTY

STATION: 419+67.07 -SBL- POT
13+96.65 -Y7- POT

SHEET 3 OF 5

NORTH CAROLINA PROFESSIONAL SEAL 11725 ENGINEER DAVID R. RUGGLES

DocuSigned by: David Ruggles C4627681DF412422... 11/14/2014

DWG. 21 OF 26

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
INTEGRAL END BENT No.2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-146
1			3			TOTAL SHEETS
2			4			177

DRAWN BY: J. LOFTUS	DATE : 05/14	
CHECKED BY: D. RUGGLES	DATE : 05/14	
DESIGN ENGINEER OF RECORD: D. RUGGLES	DATE : 04/14	

SITE IV (-SBL-)