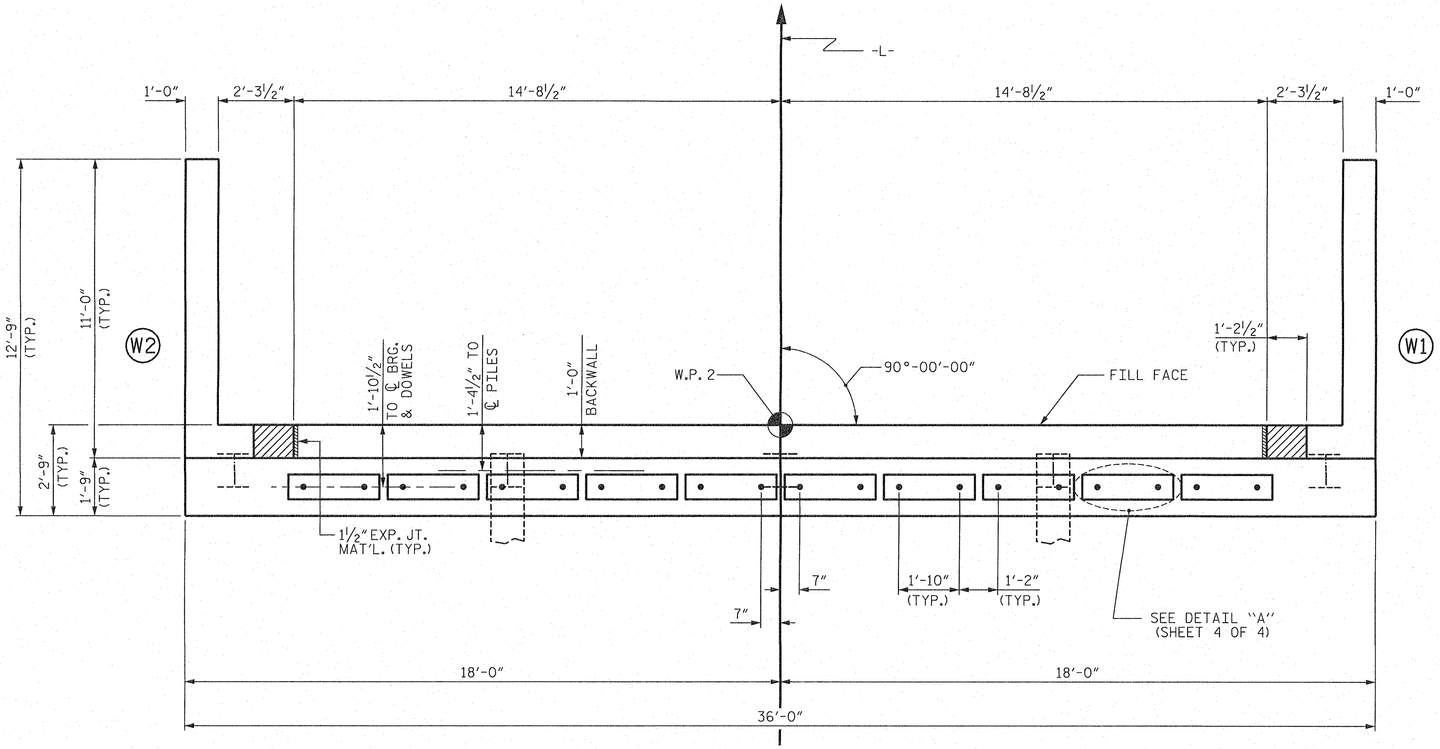
NOTES

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR DOWELS.

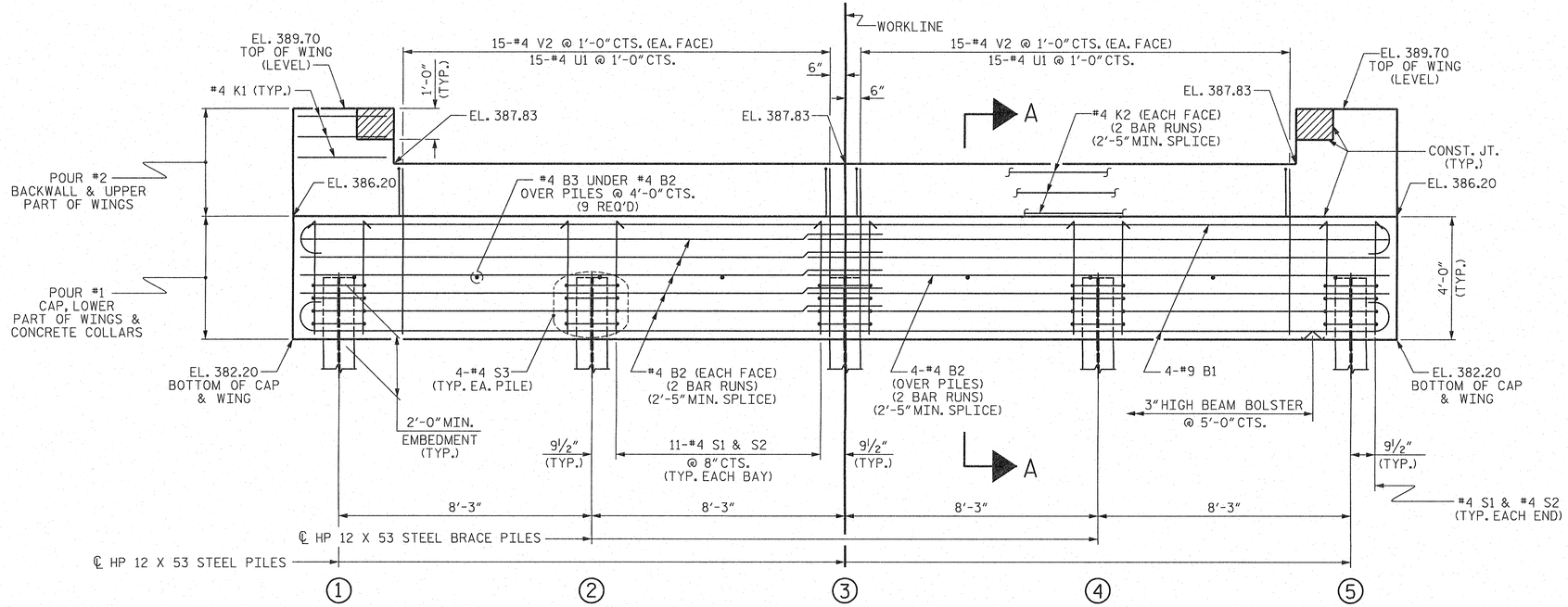
THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE VERTICAL CONCRETE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

FOR PILE SPLICE DETAILS, SEE SHEET 4 OF 4.

FOR WING DETAILS, SEE SHEET 3 OF 4.



PLAN



ELEVATION

WINGS NOT SHOWN FOR CLARITY.
FOR SECTION A-A, SEE SHEET 4 OF 4.
CONCRETE COLLARS FOR STEEL PILES NOT SHOWN IN PLAN AND ELEVATION VIEWS FOR CLARITY.
SEE "CORROSION PROTECTION FOR STEEL PILES DETAIL", SHEET 4 OF 4.

NORTH CAROLINA PROFESSIONAL SEAL 24939 ENGINEER BYRON E. ATKINSON 12/02/14

PROJECT NO. 17BP.8.R.77
RANDOLPH COUNTY
STATION: 13+00.00 -L-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT No. 2

ASSEMBLED BY: B.E. LANNING		DATE: 10/14	
CHECKED BY : B.E. ATKINSON		DATE: 10/14	
DESIGN ENGINEER OF RECORD: B.E. ATKINSON		DATE: 10/14	
DRAWN BY : WJH 12/11	REV. 8/14	MAA/TMG	
CHECKED BY : AAC 12/11			

MI ENGINEERING
1011 SCHAUB DRIVE, SUITE 100
RALEIGH, NC 27606
(919) 851-6606
FIRM PE NUMBER : P-0671

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S-11
1			3					TOTAL SHEETS
2			4					15

STD. NO. EB_30_90S4_33BB

12/2/2014
12:10:00 PM
User: planning
Filename: P:\NC Bridges\M13012 - Div 08 Bridge Replacements_Summit\M13012.03_Randolph 232\17BP8R77\Structures\17BP8R77_SD_EB2.dgn