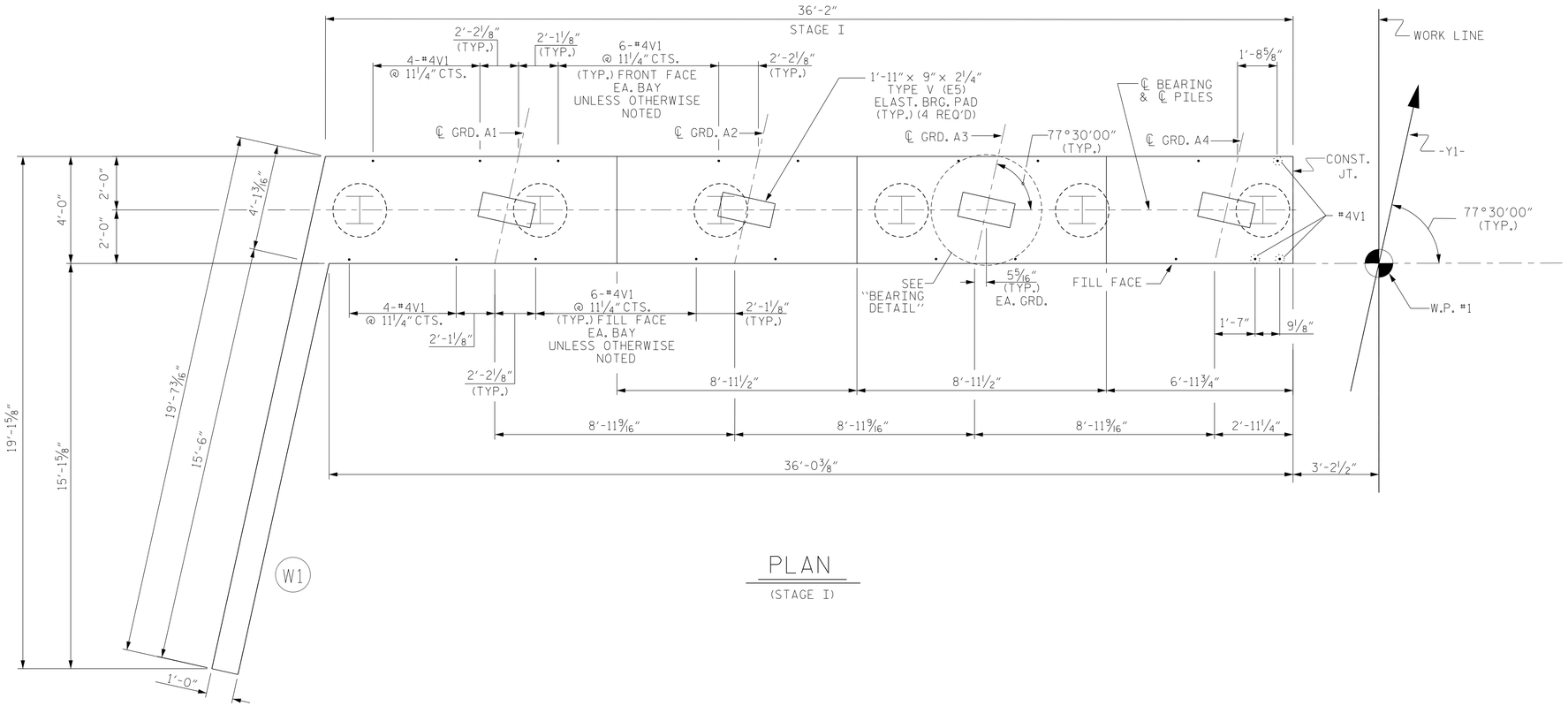


PLAN

(STAGE I)

NOTES

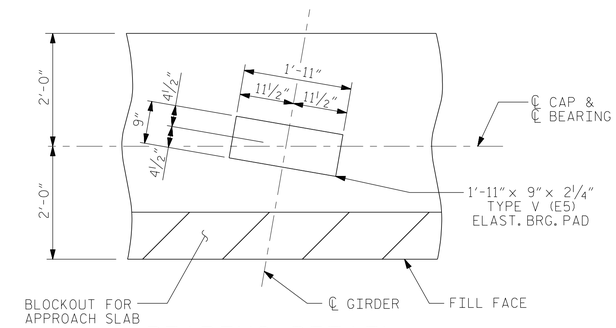
FOR PILE SPLICE DETAILS, SEE SHEET 4 OF 4.

THE UPPER PORTION OF THE WINGS SHALL BE POURED WITH THE SUPERSTRUCTURE. CONCRETE AND REINFORCING STEEL QUANTITIES ARE INCLUDED IN THE SUPERSTRUCTURE BILL OF MATERIAL. FOR DETAILS, SEE SUPERSTRUCTURE PLANS.

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.

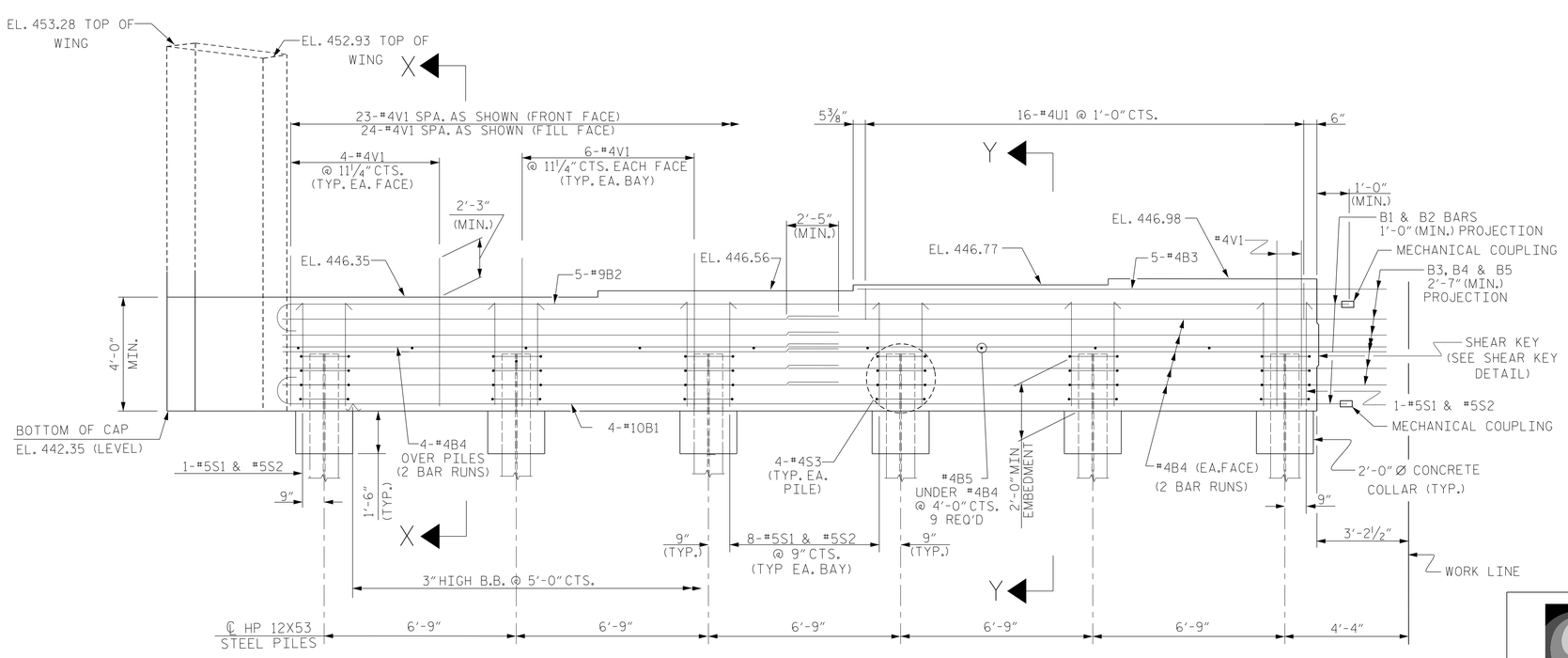
THE TOP SURFACE OF THE END BENT CAP AND WINGS, EXCEPT THE BEARING AREA, SHALL BE RAKED TO A DEPTH OF 1/4".

FOR CONCRETE COLLAR DETAIL, SEE SHEET 3 OF 4.



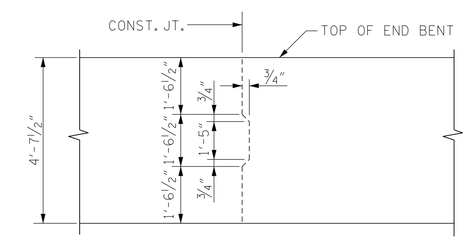
BEARING DETAIL

(DIMENSIONS ARE TYPICAL EACH GIRDER)
(HP 12X53 PILES NOT SHOWN FOR CLARITY)



ELEVATION

(STAGE I)



SHEAR KEY DETAIL

NOTE: REINFORCING STEEL IN END BENT NOT SHOWN.
LONGITUDINAL STEEL SHALL BE CONTINUOUS THROUGH JOINT.

PROJECT NO. I-0914BA

VANCE COUNTY

STATION: 22+06.96 -Y1- POT

SHEET 1 OF 4

NORTH CAROLINA PROFESSIONAL SEAL 11725 ENGINEER DAVID R. RUGGLES

DocuSigned by: David Ruggles C462768DF412422... 11/17/2014

DWG. 35 OF 48

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

INTEGRAL END BENT NO. 1 STAGE I

STEWART

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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-35
1			3			TOTAL SHEETS
2			4			177

DRAWN BY: H.ASSFOURA	DATE: 08/14	
CHECKED BY: P.JACOB	DATE: 09/14	
DESIGN ENGINEER OF RECORD: D. RUGGLES	DATE: 09/14	