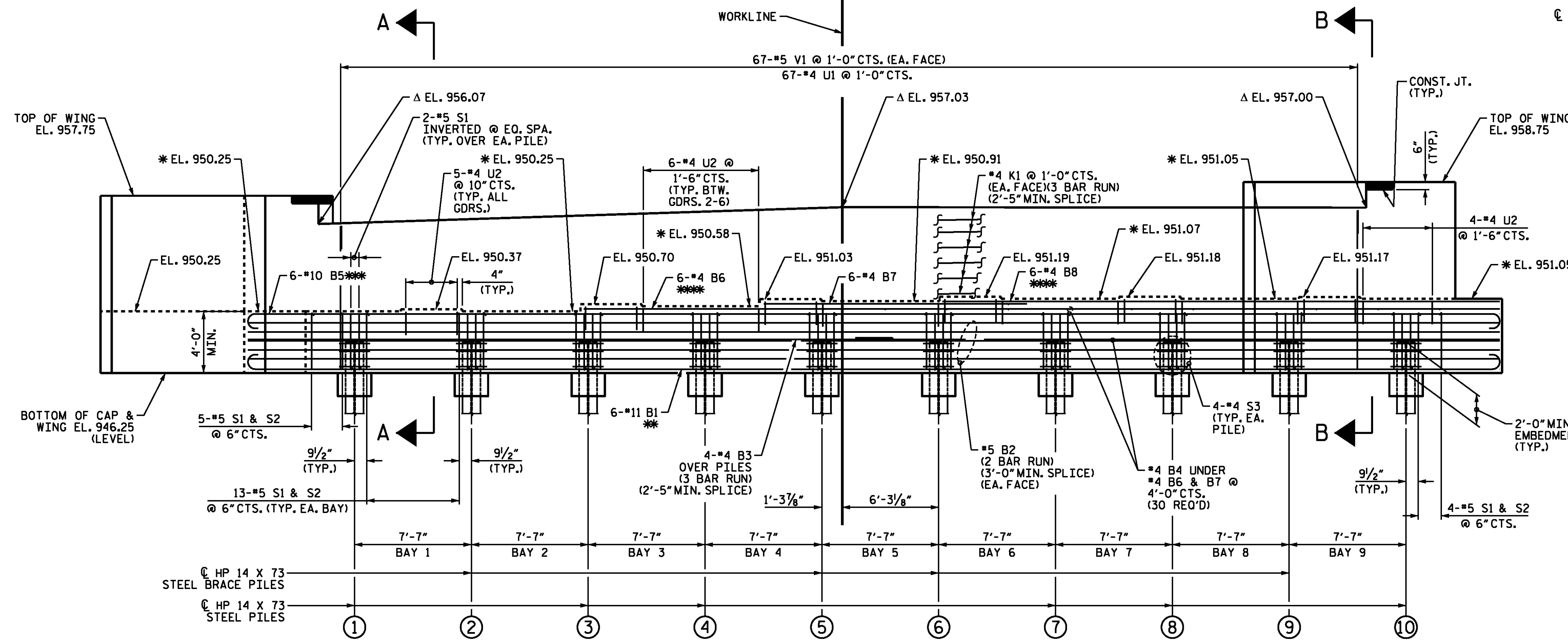


PLAN

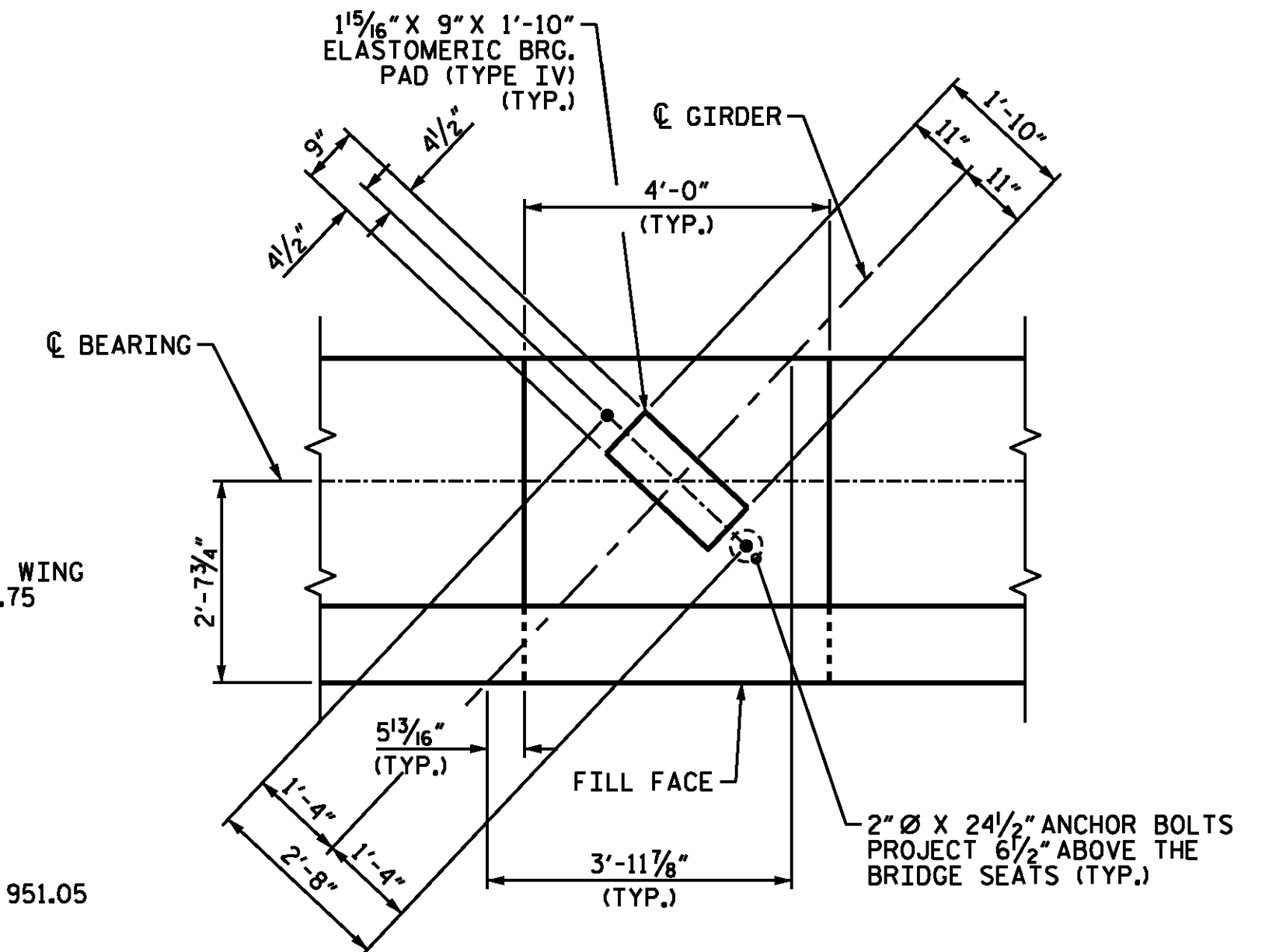


ELEVATION

(WING BRACE PILES NOT SHOWN FOR CLARITY)
 ** (2 BAR RUN)(13'-7" MIN. SPLICE)
 *** (2 BAR RUN)(11'-1" MIN. SPLICE)
 **** (2 BAR RUN)(2'-5" MIN. SPLICE)

NOTES

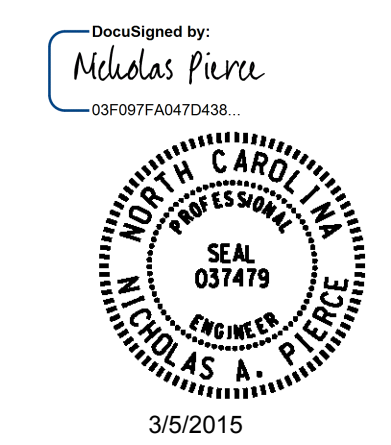
- * FOR LOCATION OF ELEVATION BETWEEN BUILDPDS, SEE SECTION A-A, ON SHEET 3 OF 3.
- Δ THIS ELEVATION TAKEN ON FILL FACE OF BACKWALL.
- BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.
- THE TOP SURFACE AREAS OF THE END BENT CAPS SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.
- THE TOP SURFACE OF THE CAP EXCEPT THE BRIDGE SEAT BUILDPDS SHALL BE SLOPED TRANSVERSELY FROM THE FILL FACE TO THE BACK FACE AT THE RATE OF 2%.
- THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE PARAPET AND END POST ARE CAST IF SLIP FORMING IS USED.
- INSTALL THE 4" DIAMETER DRAIN PIPE THROUGH THE WING WALL 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.
- #5 "V" BARS IN BACKWALL SHALL BE PLACED 2" CLEAR FROM THE TOP OF BACKWALL.
- STIRRUPS AND "U" BARS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.
- FOR CONCRETE COLLAR DETAILS, SEE "CORROSION PROTECTION FOR STEEL PILES DETAIL" SHEET 3 OF 3.



DETAIL "A"
(TYP. EA. GIRDER)

PROJECT NO. B-5114
 RANDOLPH COUNTY
 STATION: 19+99.61-L-

SHEET 1 OF 3



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 END BENT 1

DESIGN ENGINEER OF RECORD N.A. PIERCE	DATE 11/14
DRAWN BY : N.A. PIERCE	DATE : 11/14
CHECKED BY : M.J. OSTRISHKO	DATE : 11/14

WSP
 Transportation & Infrastructure
 15401 Weston Parkway Suite 100
 Cary, NC 27513 - 919.678.0035
 www.wspgroup.com
 LICENSE NO. F-9891

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S01-26
1			3			TOTAL SHEETS
2			4			36