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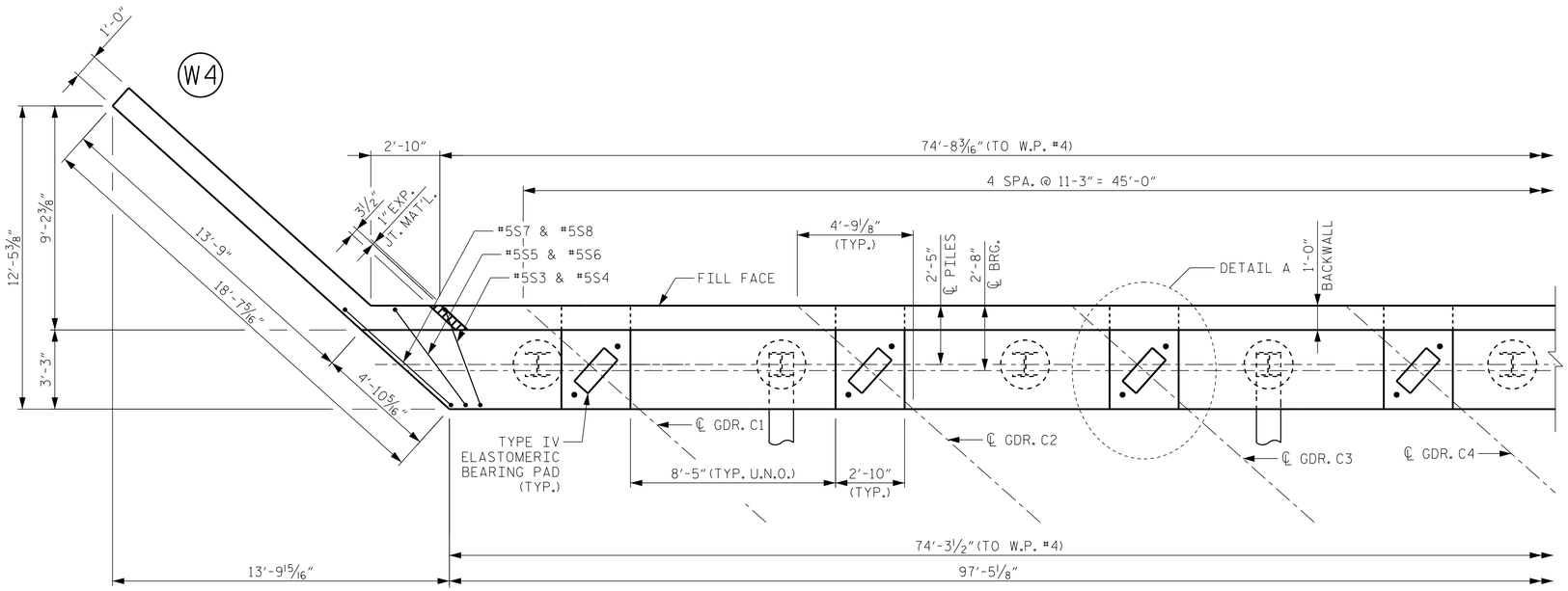
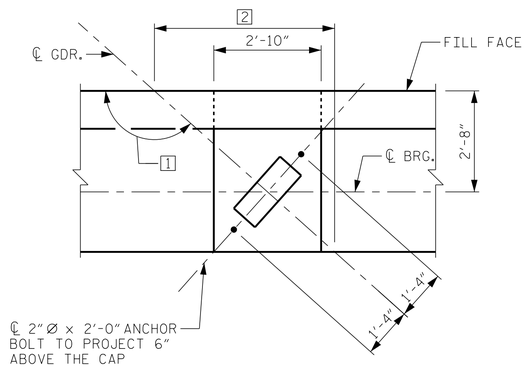


PLAN

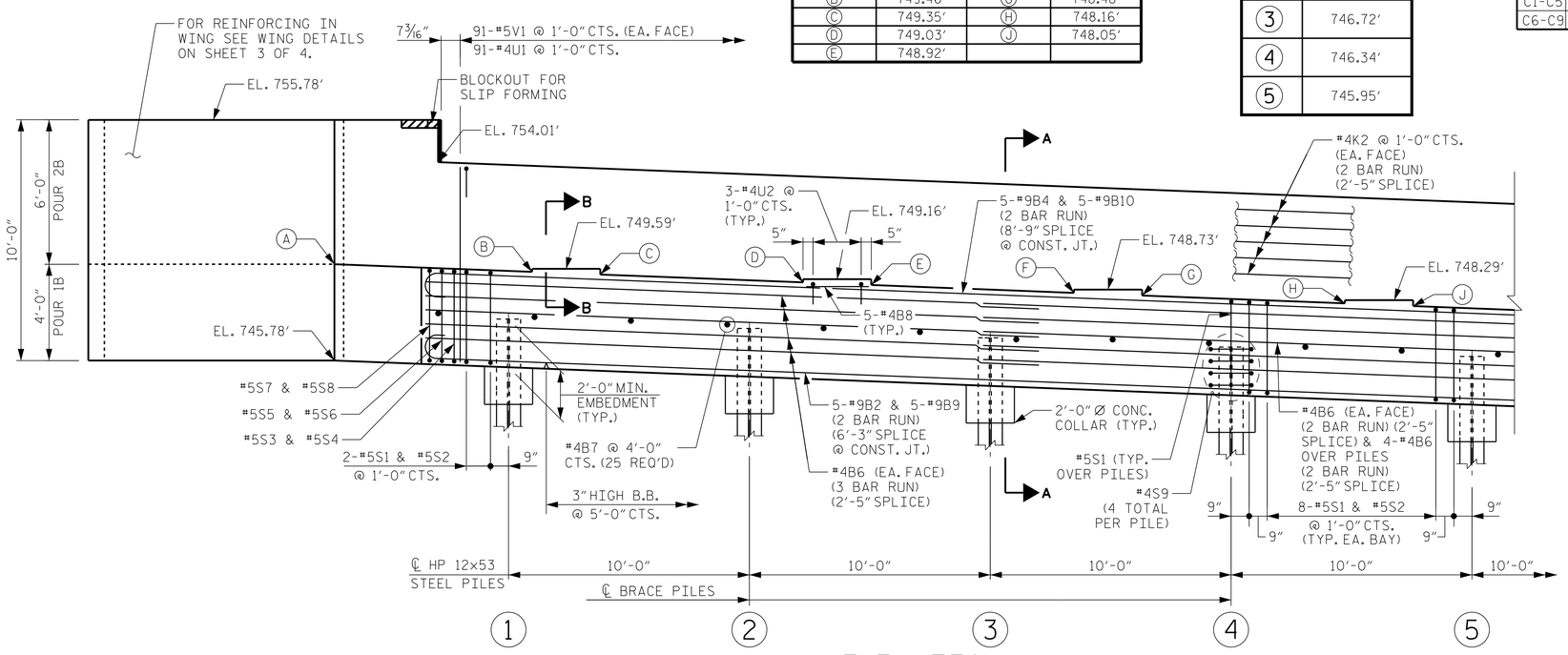
TOP OF CAP ELEVATIONS			
Ⓐ	749.78′	Ⓕ	748.59′
Ⓑ	749.46′	Ⓖ	748.48′
Ⓒ	749.35′	Ⓗ	748.16′
Ⓓ	749.03′	Ⓙ	748.05′
Ⓔ	748.92′		

TOP OF PILE ELEVATIONS	
1	747.50′
2	747.11′
3	746.72′
4	746.34′
5	745.95′

GDR.	1	2
C1-C5	138°-13-46"	4'-9 1/8"
C6-C9	139°-06-92"	4'-10 7/8"



DETAIL A
(TYP. EA. GDR.)



ELEVATION

NOTES

FOR LOCATION OF ELEVATIONS BETWEEN BRIDGE SEAT BUILDUPS, SEE SECTION A-A ON SHEET 4 OF 4.

FOR PILE SPLICE DETAILS, SEE SHEET 4 OF 4.

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

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

THE TOP SURFACE AREAS OF THE END BENT CAP SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.

BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

THE CONCRETE IN THE HATCHED AREA ON THE WING SHALL BE POURED AFTER THE JOINT BETWEEN THE DECK AND THE APPROACH SLAB HAS BEEN SAWED AND THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

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.

PROJECT NO. B-5119
GUILFORD COUNTY
STATION: 26+31.94 -L-
16+43.93 -Y1-

SHEET 1 OF 4

NORTH CAROLINA PROFESSIONAL SEAL 12186 ENGINEER CECIL L. NARRON

DocuSigned by: Cecil L. Narron C169A3D64502 4DD... 11/3/2014

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT 2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-39
1			3			TOTAL SHEETS
2			4			77

DRAWN BY: J. I. KIMBLE DATE: 10/14
CHECKED BY: J. C. WILSON DATE: 10/14
DESIGN ENGINEER OF RECORD: C.L. NARRON DATE: 10/14

10/31/2014 K:\RDT_Structures_Bridge\NC\01036186_B-5119 I40-85 Bridges\Cad\dgn\B-5119_349_S39.dgn