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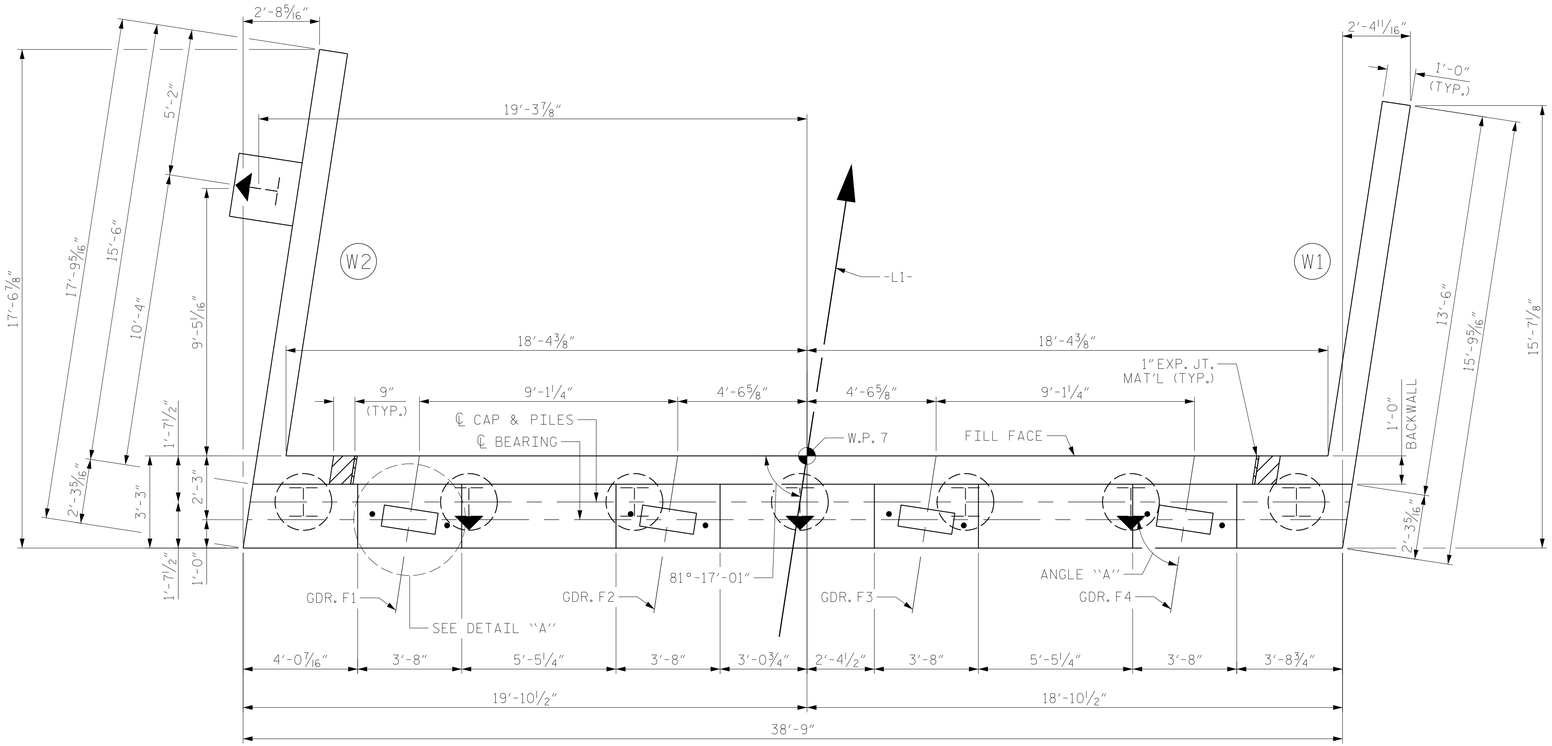
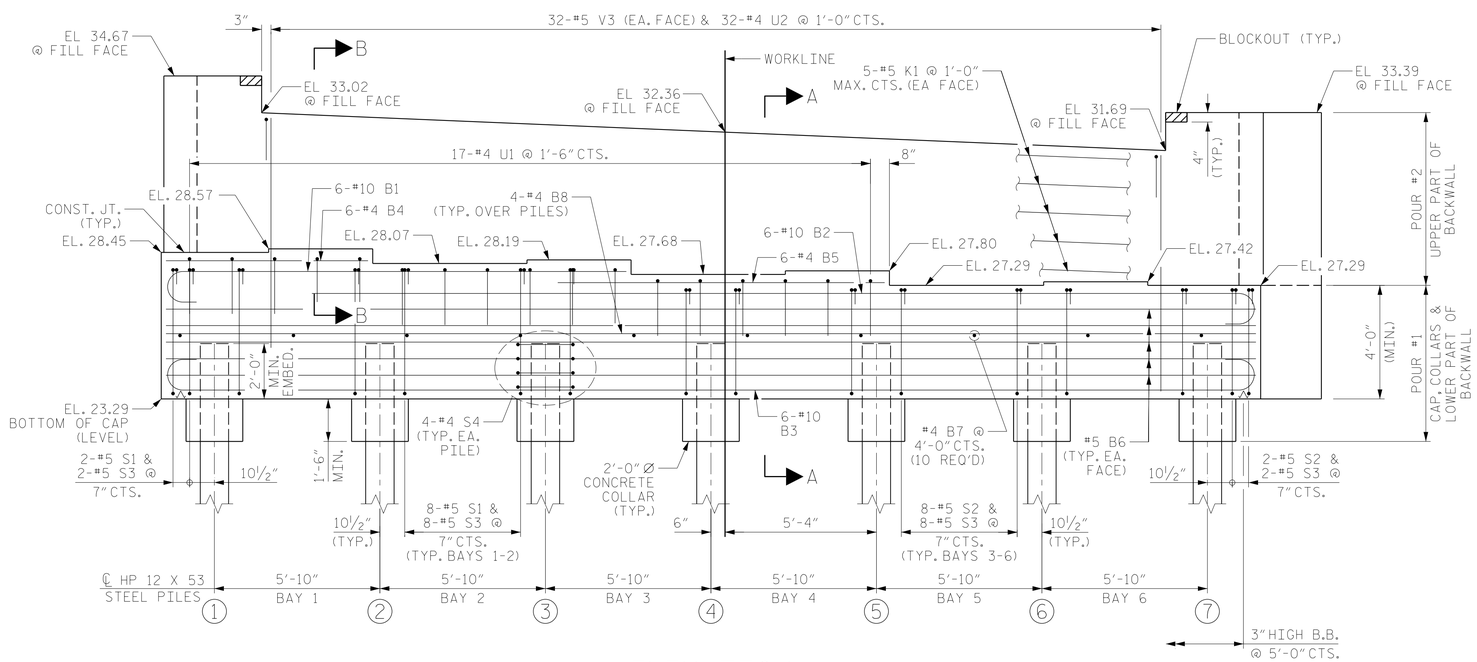


PLAN



ELEVATION

NOTES

STIRRUPS AND U1 BARS IN CAP MAY BE SHIFTED, AS NECESSARY, TO CLEAR ANCHOR BOLTS.

FOR SECTION A-A AND PARTIAL SECTION B-B, SEE SHEET 3 OF 3.

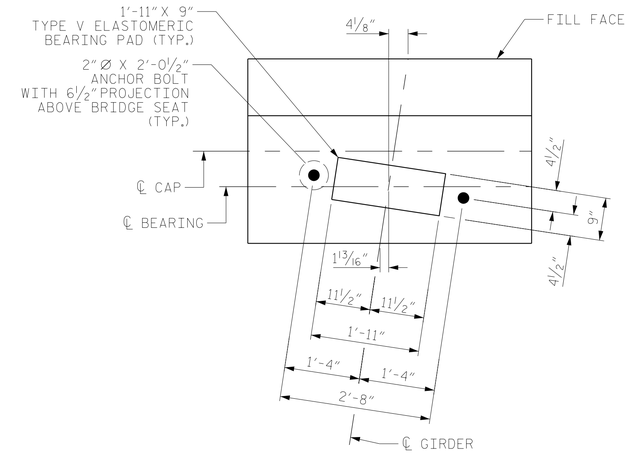
BACKWALL SHALL BE PLACED BEFORE APPLYING THE EPOXY PROTECTIVE COATING.

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

THE TOP SURFACE AREAS OF THE END BENT CAP EXCEPT THE BRIDGE SEAT BUILDUPS 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 CONCRETE BARRIER IS CAST IF SLIP FORMING IS USED.

↥ INDICATES BATTERED PILE.



DETAIL "A"

DIMENSIONS TYPICAL FOR EACH BEARING PILES NOT SHOWN FOR CLARITY

GIRDER ANGLES	
GIRDER	ANGLE "A"
1	81°-20'-42"
2	81°-20'-21"
3	81°-20'-00"
4	81°-19'-41"

PROJECT NO. B-4484

CRAVEN COUNTY

STATION: 25+06.00 -L1-

SHEET 1 OF 3 REPLACES BRIDGE NO. 240138

DRAWN BY : MRA DATE : 04/2019
CHECKED BY : JMR DATE : 06/2019
DESIGN ENGINEER OF RECORD: MAL DATE : 06/2019

3/27/2020
X:\P\1030036014_B-4484 Design\Design\Structures\B138\CAD\Final Plans\401_063_B4484_SMU_E2_S-32_240138.dgn
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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 043835 ENGINEER MARC A. LEBLANC
3/27/2020

RS&H

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT 2

REVISIONS							
NO.	BY:	DATE:	NO.	BY:	DATE:		
1			3				
2			4				

SHEET NO. S1-32
TOTAL SHEETS 37