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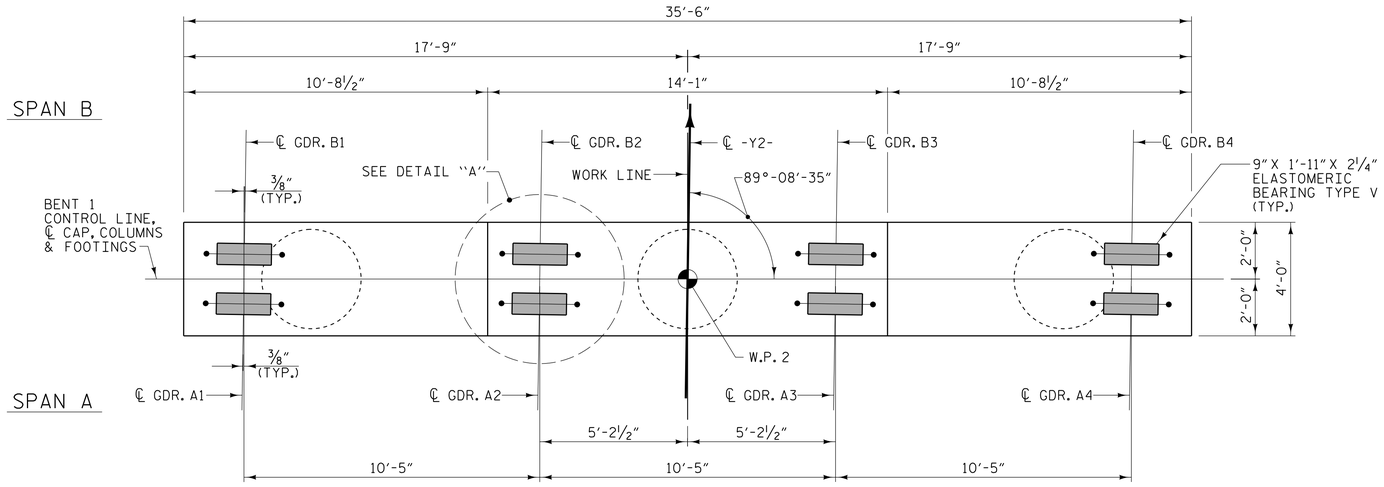
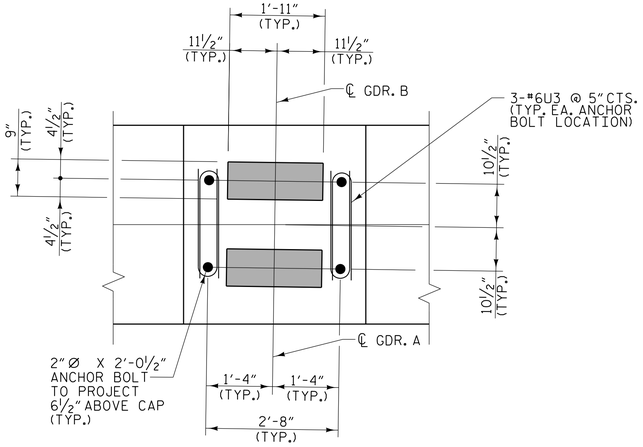
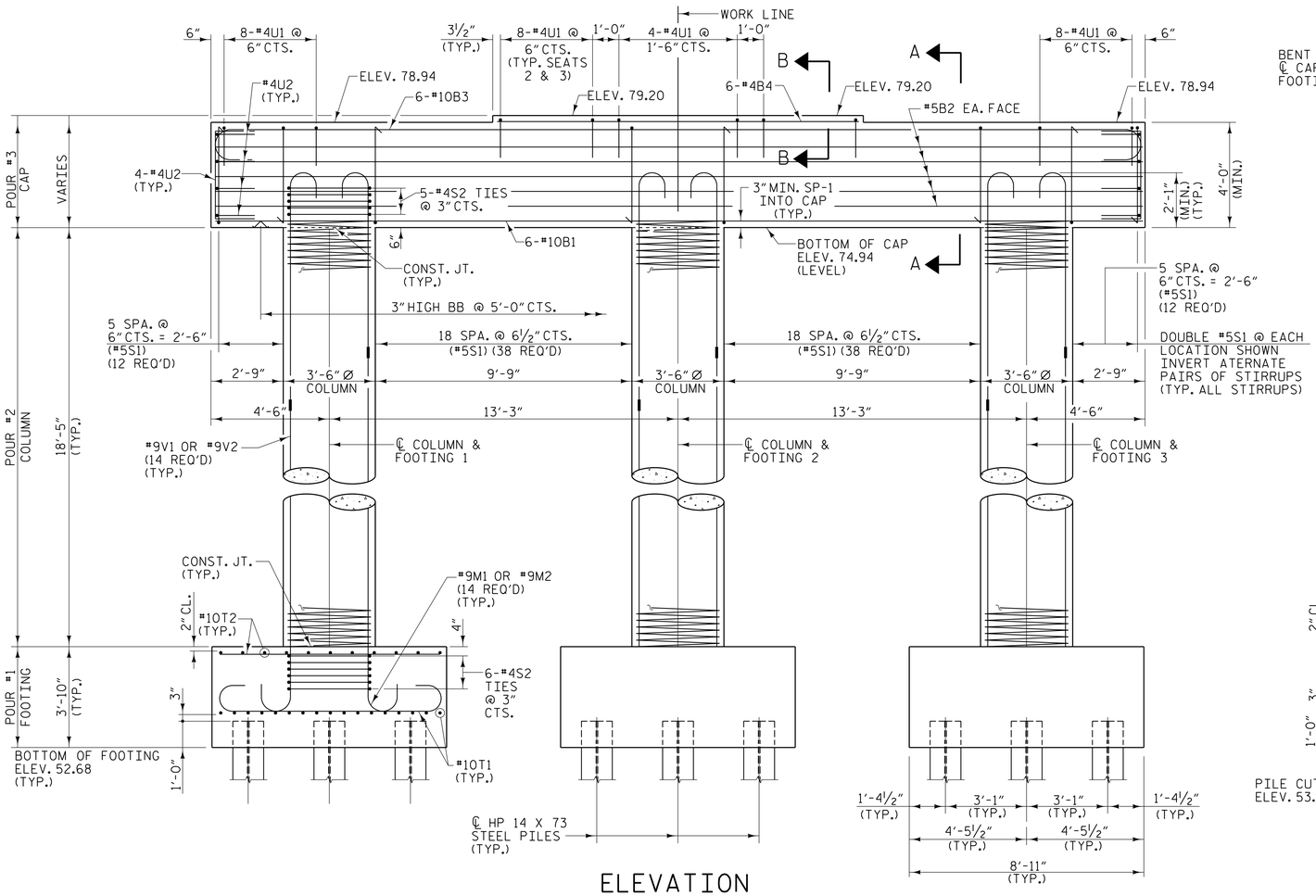


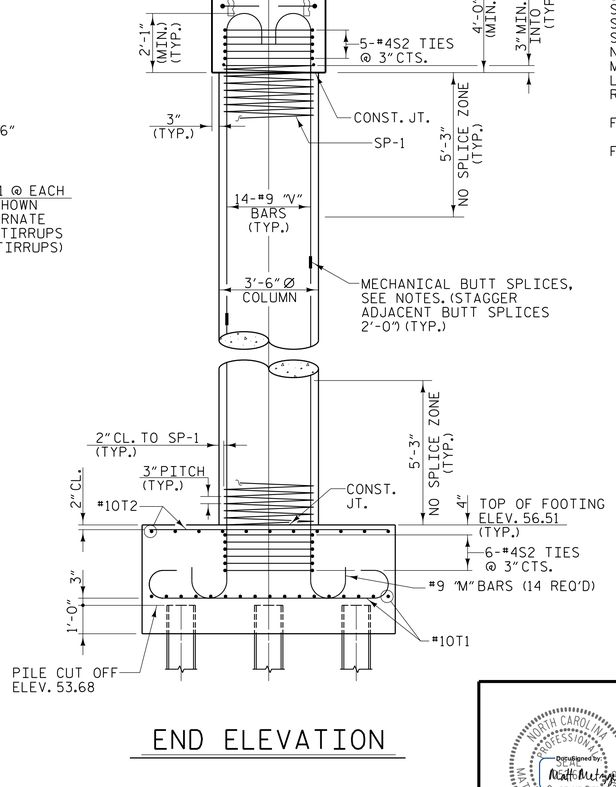


DETAIL "A"
(TYP. EACH GIRDER)

PLAN



ELEVATION



END ELEVATION

NOTES

STIRRUPS AND "U" BARS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

HOOKS ON "V" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.

LONGITUDINAL REINFORCING STEEL IN THE COLUMN MAY BE SPLICED USING MECHANICAL BUTT SPLICES WHERE SHOWN IN THE ELEVATION VIEW. ADJACENT SPLICES TO BE OFFSET 2'-0". MECHANICAL BUTT SPLICES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. MECHCHANICAL BUTT SPLICES SHALL BE SUBMITTED FOR APPROVAL. NO EXTRA PAYMENT WILL BE MADE FOR USING MECHANICAL BUT SPLICES OR MODIFYING BAR LENGTHS. THE COST WILL BE INCIDENTAL TO REINFORCING STEEL.

FOR PILE SPLICE DETAILS, SEE SHEET 2 OF 2.

FOR SECTIONS A-A & B-B, SEE SHEET 2 OF 2.

PLANS PREPARED BY:
NV5
NV5 ENGINEERS & CONSULTANTS, INC.
3300 REGENCY PARKWAY, SUITE 100
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NC License # F-1333
formerly CALYX Engineers & Consultants

PROJECT NO. R-5819

COLUMBUS COUNTY

STATION: 40+06.72 -Y2- POT

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT 1

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-28
1			3			TOTAL SHEETS
2			4			38

DRAWN BY : W. B. ALLEN DATE : 8/21
CHECKED BY : M. D. METZGER DATE : 1/22
DESIGN ENGINEER OF RECORD: M. D. METZGER DATE : 1/22

NORTH CAROLINA PROFESSIONAL SEAL 047262 ENGINEER MATTHEW DAVID METZGER
Digitally signed by: Matthew Metzger
DocuSigned by: 4/12/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

4/12/2022 10:25:25 AM G:\Project\2016\206032.00\CLIENT\Structures\R-5819 (-Y2-)\R5819_SMU_BI_230422.dgn