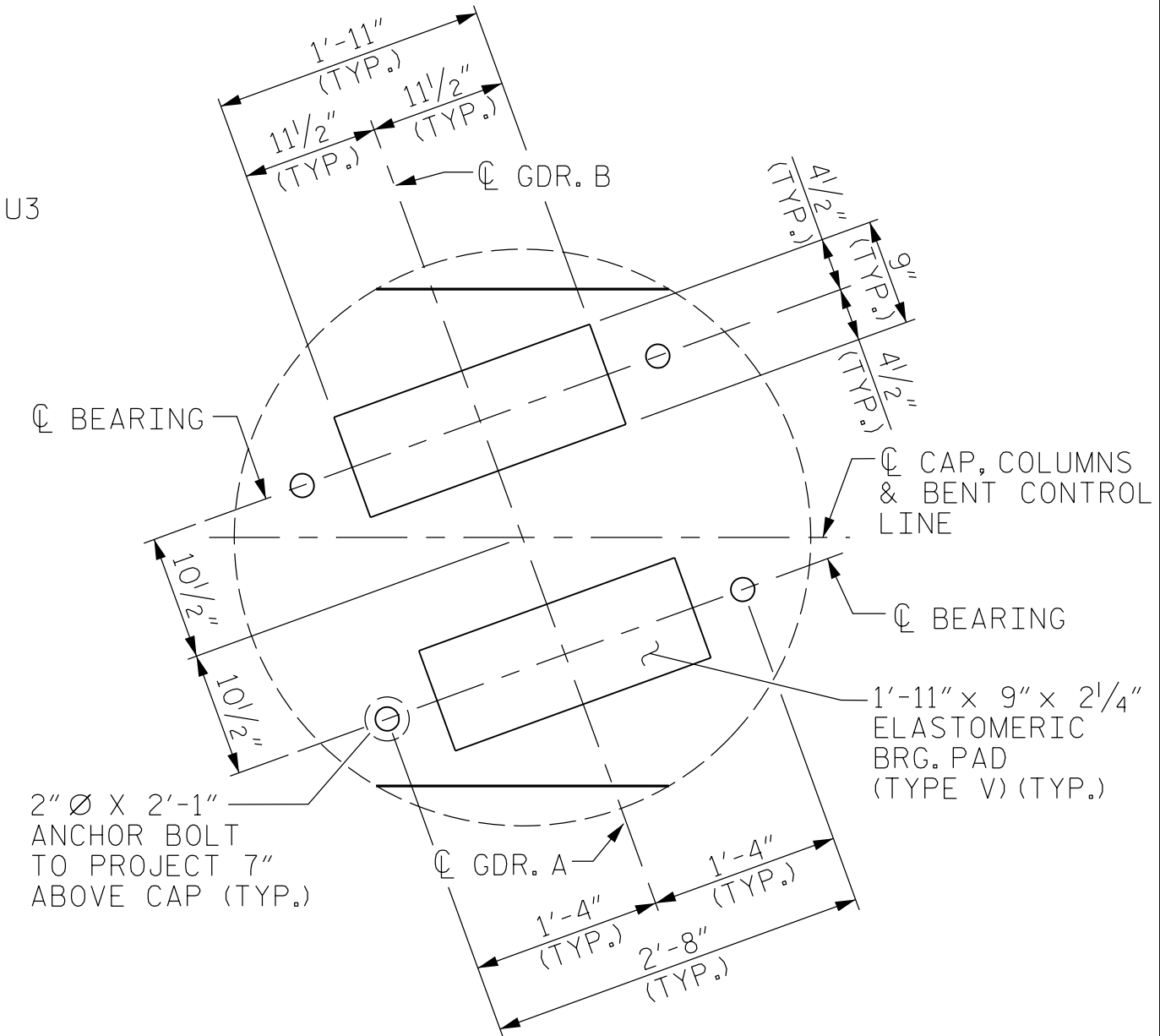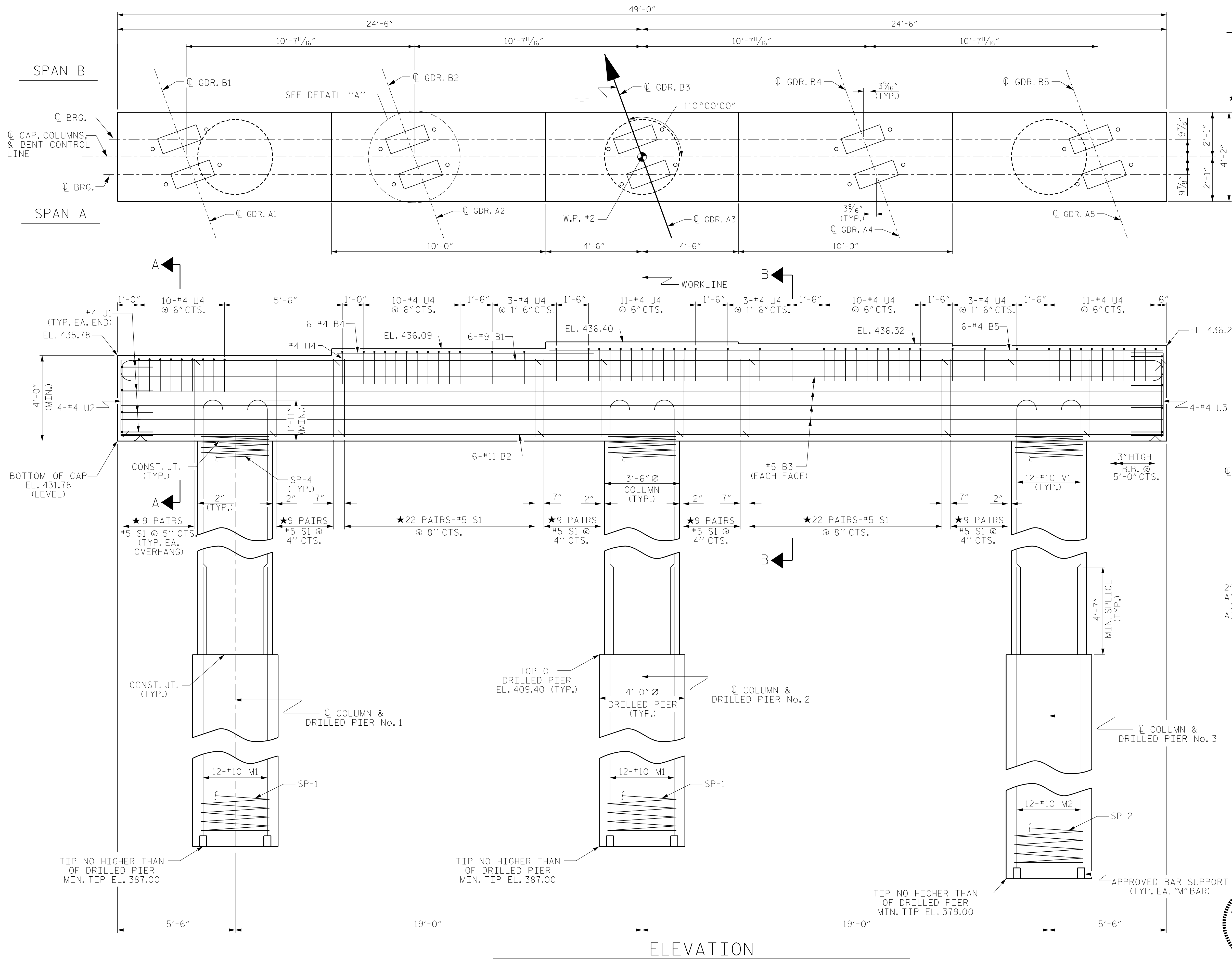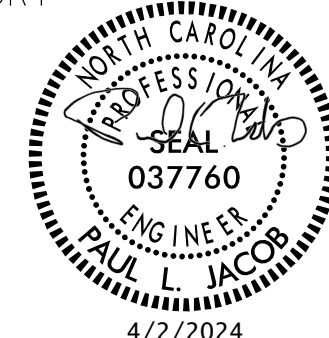STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

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

★ INVERT ALTERNATE STIRRUPS.

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE LONGITUDINAL REINFORCEMENT FOR DRILLED PIERS IS DETAILED WITH 3 FEET OF EXTRA LENGTH.

ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "REINFORCING STEEL" AND "SPIRAL COLUMN REINFORCING STEEL."

SPLICING OF LONGITUDINAL BARS IN THE DRILLED PIERS SHALL NOT BE PERMITTED.

THE LOCATION OF THE CONSTRUCTION JOINT IN THE DRILLED PIERS IS BASED ON AN APPROXIMATE GROUND LINE ELEVATION. IF THE CONSTRUCTION JOINT IS ABOVE THE ACTUAL GROUND ELEVATION, THE CONTRACTOR SHALL PLACE THE CONSTRUCTION JOINT 1 FOOT BELOW THE GROUND LINE.

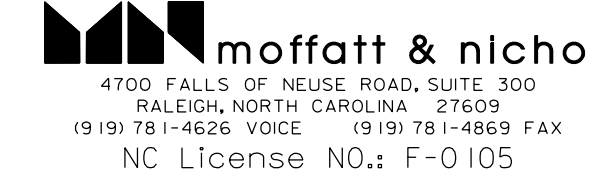FOR DRILLED PIER INSTALLATION INFORMATION, SEE FOUNDATION DATA, SHEET S-3.

SPAN B

SPAN A

EL. 435.78

6-#4 B4   EL. 436.09   6-#9 B1   EL. 436.40   EL. 436.32   EL. 436.23

#4 U4

#4 U1 (TYP. EA. END)

4-#4 U2

4-#4 U3

6-#4 B5

6-#11 B2

#5 B3 (EACH FACE)

3" HIGH B.B. @ 5'-0" CTS.

BOTTOM OF CAP EL. 431.78 (LEVEL)

CONST. JT. (TYP.)

SP-4 (TYP.)

★ 9 PAIRS #5 S1 @ 5" CTS. (TYP. EA. OVERHANG)

★ 9 PAIRS #5 S1 @ 4" CTS.

★ 22 PAIRS-#5 S1 @ 8" CTS.

★ 9 PAIRS #5 S1 @ 4" CTS.

★ 9 PAIRS #5 S1 @ 4" CTS.

★ 22 PAIRS-#5 S1 @ 8" CTS.

★ 9 PAIRS #5 S1 @ 4" CTS.

12-#10 V1 (TYP.)

3'-6" Ø COLUMN (TYP.)

CONST. JT. (TYP.)

TOP OF DRILLED PIER EL. 409.40 (TYP.)

4'-0" Ø DRILLED PIER (TYP.)

℄ COLUMN & DRILLED PIER No. 1

℄ COLUMN & DRILLED PIER No. 2

℄ COLUMN & DRILLED PIER No. 3

MIN. SPLICE (TYP.) 4'-7"

12-#10 M1   SP-1

12-#10 M1   SP-1

12-#10 V1

12-#10 M2   SP-2

TIP NO HIGHER THAN OF DRILLED PIER MIN. TIP EL. 387.00

TIP NO HIGHER THAN OF DRILLED PIER MIN. TIP EL. 387.00

TIP NO HIGHER THAN OF DRILLED PIER MIN. TIP EL. 379.00

APPROVED BAR SUPPORT (TYP. EA. "M" BAR)

ELEVATION

DIMENSIONS & REINFORCING STEEL ARE TYPICAL FOR EACH COLUMN & DRILLED PIER UNLESS OTHERWISE NOTED.

DETAIL "A"
(TYP. EACH GIRDER)

℄ BEARING

℄ GDR. B

℄ CAP, COLUMNS & BENT CONTROL LINE

℄ BEARING

1'-11" x 9" x 2¼" ELASTOMERIC BRG. PAD (TYPE V) (TYP.)

2" Ø x 2'-1" ANCHOR BOLT TO PROJECT 7" ABOVE CAP (TYP.)

℄ GDR. A

WORKLINE

110°00'00"

W.P. #2

PROJECT NO. BR-0069

CASWELL COUNTY

STATION: 20+18.00 -L-

SHEET 1 OF 2

DRAWN BY :	M. ROSEMOND	DATE : 6-2023
CHECKED BY :	J. LOFTUS	DATE : 8-2023
DESIGN ENGINEER OF RECORD :	J. LOFTUS	DATE : 3-2024

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NORTH CAROLINA
PROFESSIONAL
SEAL
037760
ENGINEER
PAUL JACOB
4/2/2024

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

3/20/2024
G:\RA\J10011-109\BR-0069\Structures\01-CADD\02-Final Drawings\401.055.BR0069.SMU.B101.028.160001.dgn
jloftus