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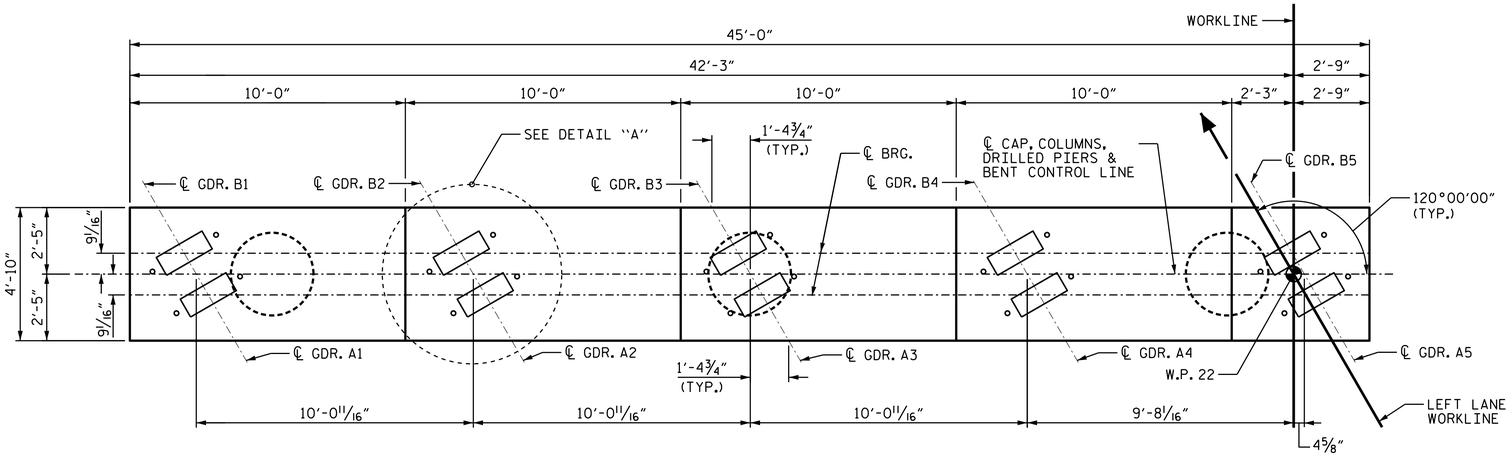
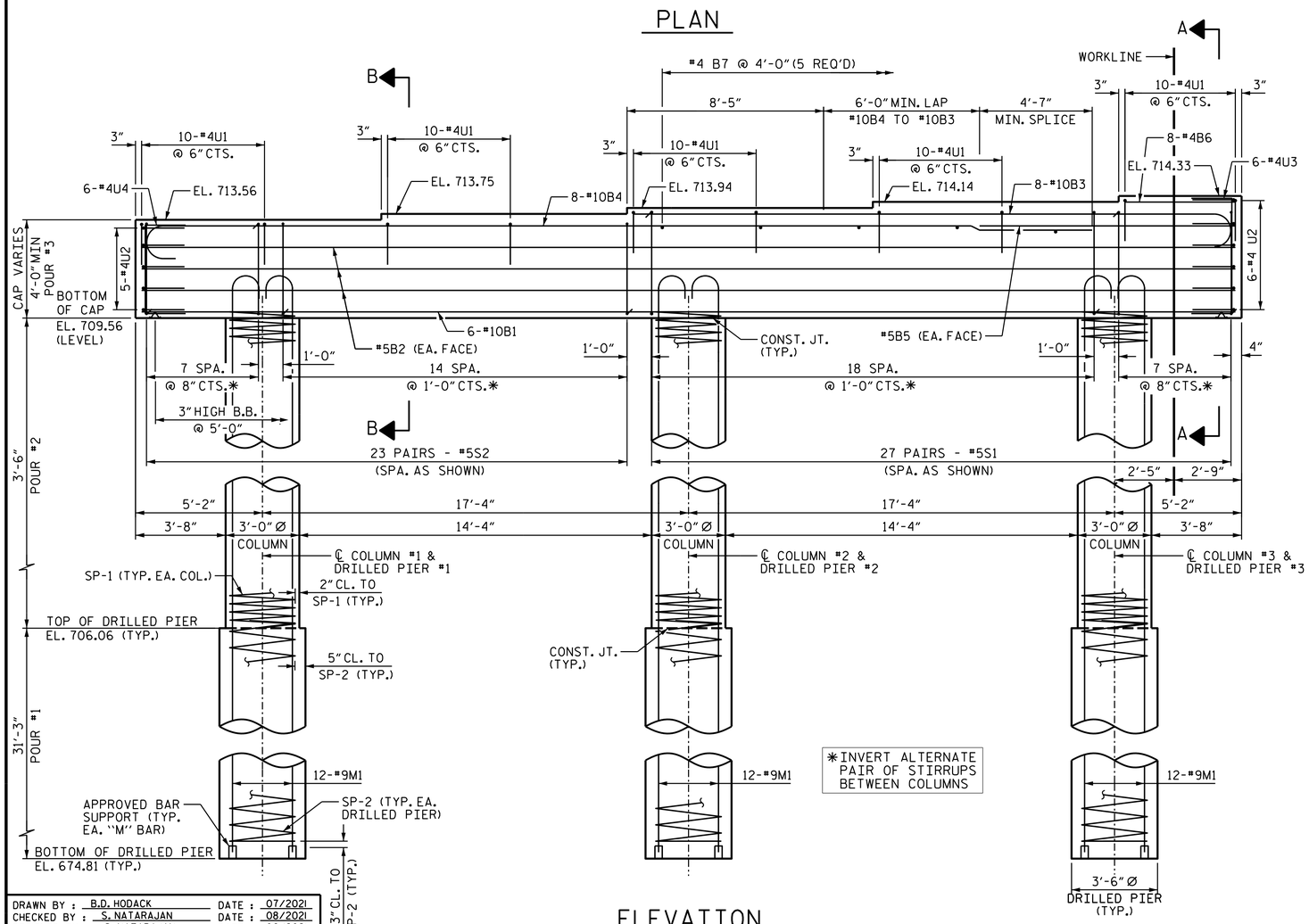



SPAN B

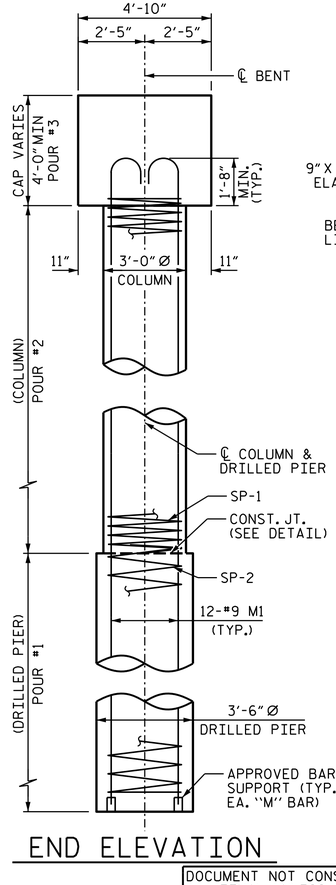
SPAN A

## PLAN




*INVERT ALTERNATE PAIR OF STIRRUPS BETWEEN COLUMNS

## ELEVATION




## END ELEVATION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

## NOTES

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

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

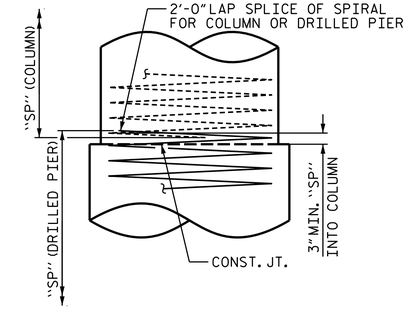
FOR DRILLED PIERS AND PERMANENT STEEL CASING, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.

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

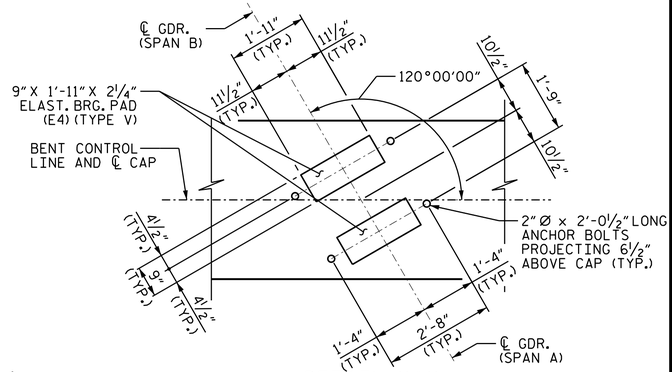
THE LOCATION OF THE CONSTRUCTION JOINT IN THE DRILLED PIERS AT BENTS 1 AND 2 IS BASED ON AN APPROXIMATE GROUND LINE ELEVATION. IF THE CONSTRUCTION JOINT IS ABOVE THE ACTUAL GROUND ELEVATION, THE CONTRACTOR SHALL PLACE THE CONSTRUCTION JOINT 1 FOOT BELOW THE GROUND LINE.

FOR SECTIONS A-A AND B-B, AND CAP END VIEWS, SEE SHEET 2 OF 2.

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




## CONSTRUCTION JOINT DETAIL




## DETAIL "A"

PROJECT NO. B-5717

GUILFORD COUNTY

STATION: 21+22.00 -L-

SHEET 1 OF 2

AECOM
AECOM TECHNICAL SERVICES OF NC, INC.
5438 WADE PARK BOULEVARD, SUITE 200
RALEIGH, NC 27607
(919) 854-6200 www.aecom.com
AECOM License No. F-0342

NORTH CAROLINA PROFESSIONAL SEAL 043242 ENGINEER SWETHA NATARAJAN
DocuSigned by: Swetha Natarajan 8605B...
4/8/2022

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT 1

(LEFT LANE)

| REVISIONS | | | | | | SHEET NO. |
|---|---|---|---|---|---|---|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S2-29 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 38 |

| | | |
|---|---|---|
| DRAWN BY : | B.D. HODACK | DATE : 07/2021 |
| CHECKED BY : | S. NATARAJAN | DATE : 08/2021 |
| DESIGNED BY : | S. NATARAJAN | DATE : 06/2021 |
| DESIGN CHECKED BY : | G.R. COLS | DATE : 06/2021 |

DATE: 3/31/2022
TIME: 3:56:05 PM
USER: dsfield1rum
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