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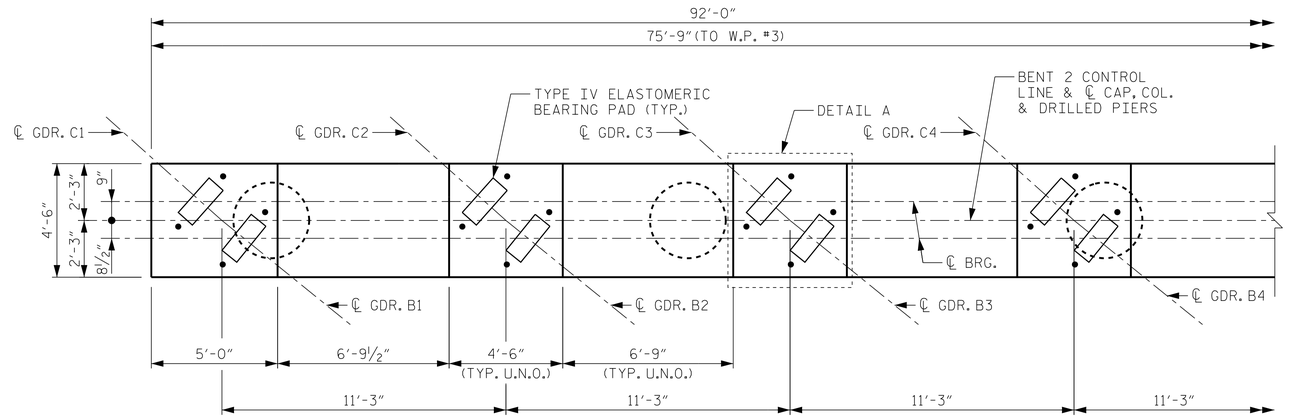
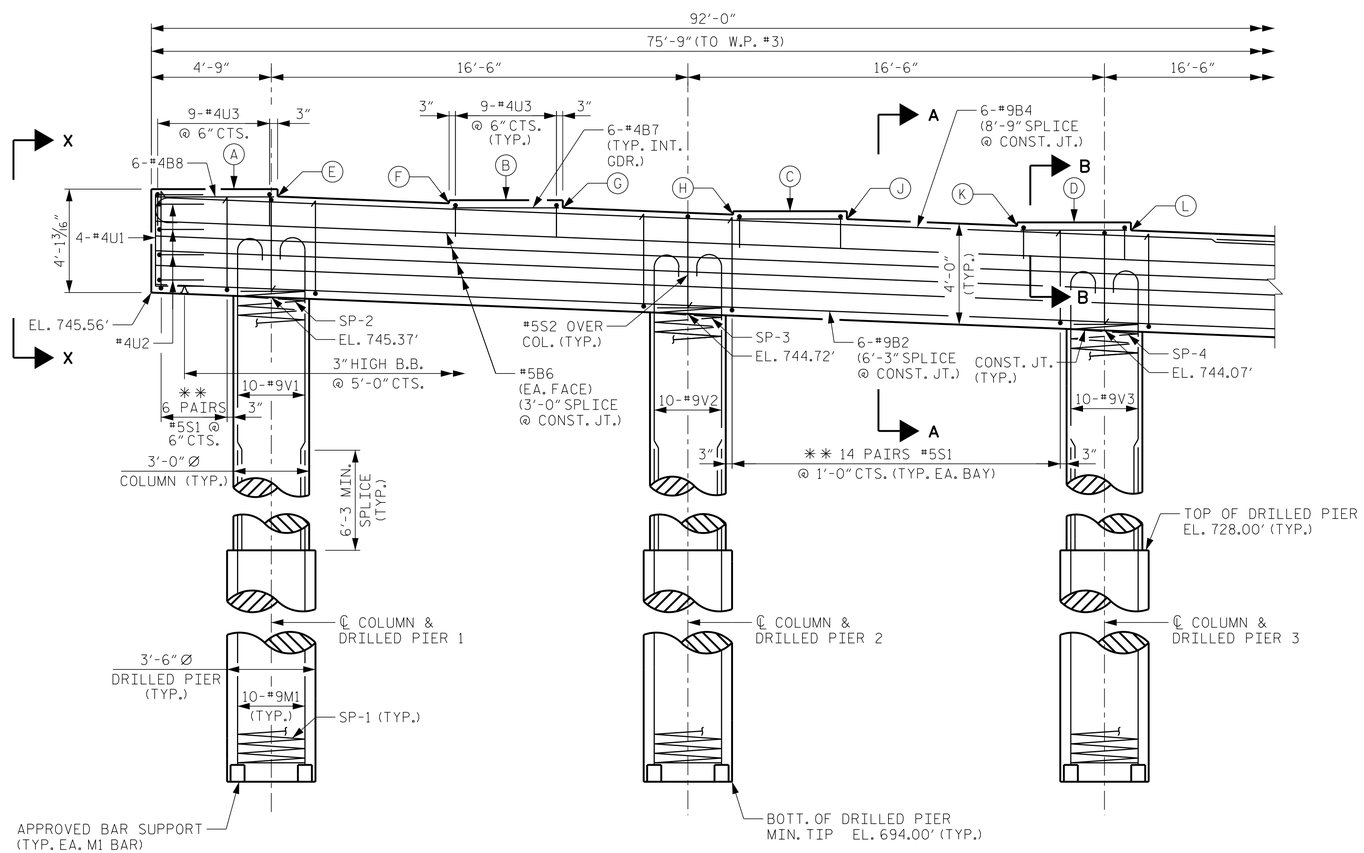


✳✳ INVERT ALTERNATE STIRRUP PAIRS

PLAN



ELEVATION

NOTES

STIRRUPS AND U3 BARS MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

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

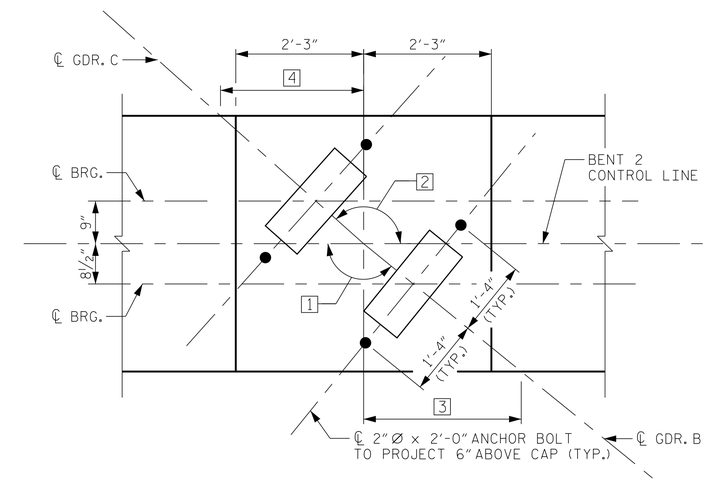
ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "REINFORCING STEEL" AND "SPIRAL COLUMN REINFORCING STEEL".

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.

SPLICING OF THE LONGITUDINAL BARS IN THE DRILLED PIER WILL 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 LINE ELEVATION, THE CONTRACTOR SHALL PLACE THE CONSTRUCTION JOINT 1 FT. BELOW THE GROUND LINE.

FOR SECTIONS A-A & B-B AND VIEW X-X, SEE SHEET 3 OF 3.



DETAIL A

(TYP. EA. GDR.)

GDR.	1	2	3	4
B1-B5	140°-57'-50"	-	2'-9 5/16"	-
B6-B9	142°-06'-53"	-	2'-10 11/16"	-
C1-C5	-	138°-13'-46"	-	2'-6 1/4"
C6-C9	-	139°-06'-42"	-	2'-7 3/16"

ELEVATION TABLE	
A	749.66'
B	749.22'
C	748.78'
D	748.34'
E	749.36'
F	749.09'
G	748.92'
H	748.65'
J	748.47'
K	748.20'
L	748.02'

PROJECT NO. B-5119

GUILFORD COUNTY

STATION: 26+31.94 -L-
16+43.93 -Y1-

SHEET 1 OF 3

NORTH CAROLINA PROFESSIONAL SEAL 12186 ENGINEER CECIL L. NARRON

DocuSigned by: Cecil L. Narron C169A3D64502400... 11/3/2014

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT 2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-36
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\01103618B_B-5119 I40-85 Bridges\Cad\dgn\B-5119_349_S36.dgn