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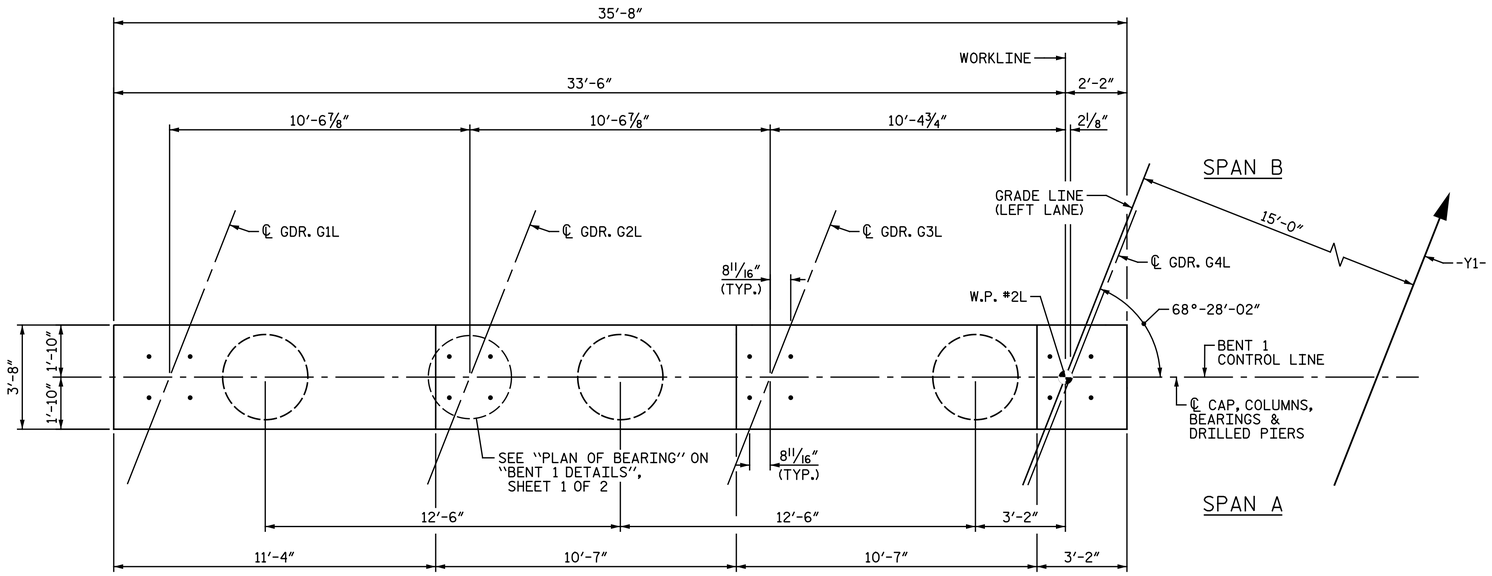
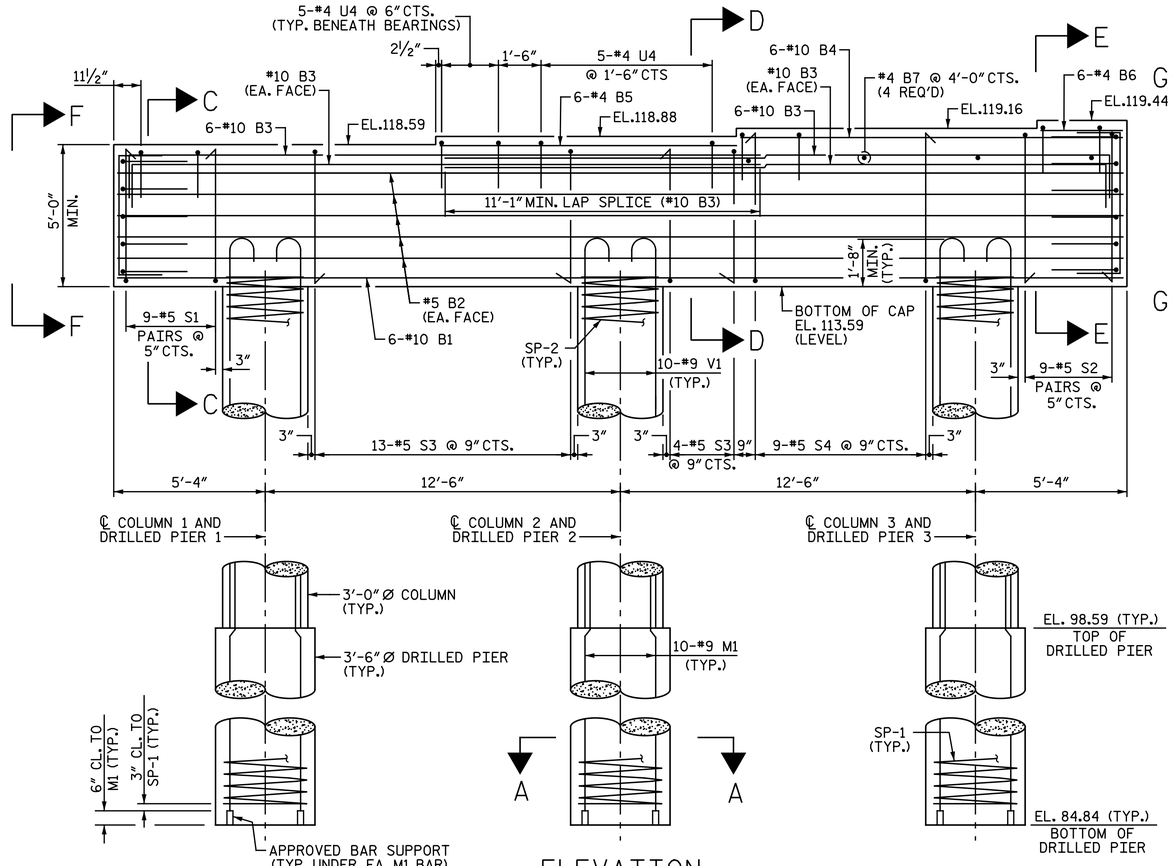
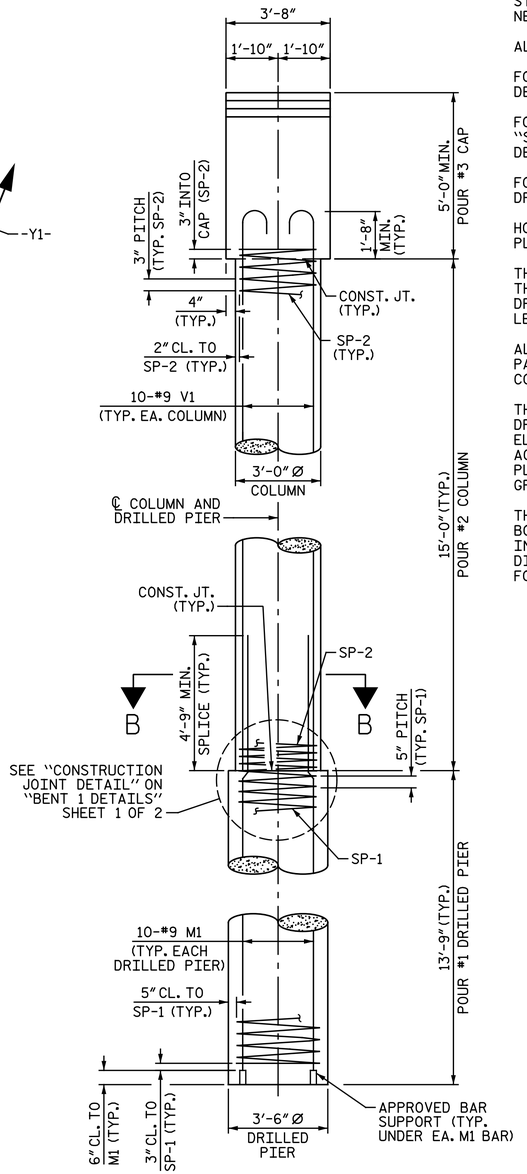


PLAN



ELEVATION

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



END ELEVATION

NOTES:

STIRRUPS & U4 BARS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

ALTERNATELY INVERT STIRRUPS & STIRRUP PAIRS.

FOR "SECTION A-A" AND "SECTION B-B", SEE "BENT 1 DETAILS" SHEET 1 OF 2.

FOR "SECTION C-C", "SECTION D-D", "SECTION E-E", "SECTION F-F" AND "SECTION G-G", SEE "BENT 1 DETAILS" SHEET 2 OF 2.

FOR ADDITIONAL INFORMATION AND NOTES, SEE "GENERAL DRAWING", SHEET 2 OF 4.

HOOKS ON V1 BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.

THE CONTRACTORS ATTENTION IS CALLED TO THE FACT THAT THE LONGITUDINAL REINFORCEMENT FOR THE 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".

THE LOCATION OF THE CONSTRUCTION JOINT IN THE DRILLED PIERS IS BASED ON 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.

THE CONTRACTOR SHALL ADJUST THE BEARING SEAT AND BOTTOM OF CAP ELEVATIONS AS NECESSARY TO INCORPORATE A MAXIMUM PERMISSABLE VARIATION IN DISC BEARING DEPTH OF ½″. SEE SPECIAL PROVISION FOR DISC BEARING.

PROJECT NO. U-3330

NASH COUNTY

STATION: 18+22.61 -Y1-

DRAWN BY : C. E. MAYHEW DATE : 8-18-16

CHECKED BY : T. M. GARRISON DATE : 8-25-16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NORTH CAROLINA PROFESSIONAL SEAL 042399 ENGINEER BRADLEY J. BELL

DocuSigned by: Bradley J. Bell C41A3F8ECA3C434...

1/27/2017

Michael Baker INTERNATIONAL

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Cary, North Carolina 27518
NC License No. : F-1084

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT 1

LEFT LANES

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-29
1			3			TOTAL SHEETS
2			4			38