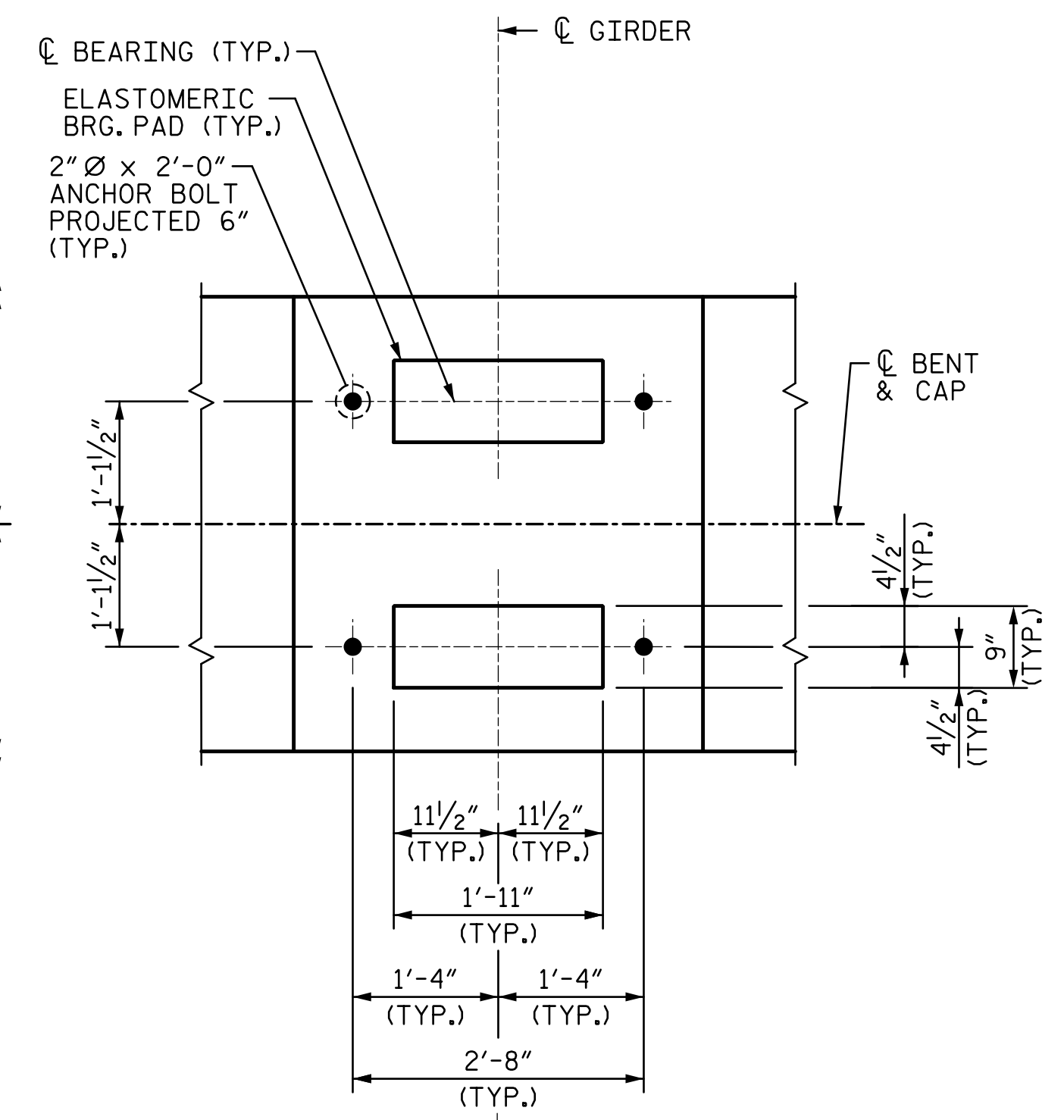
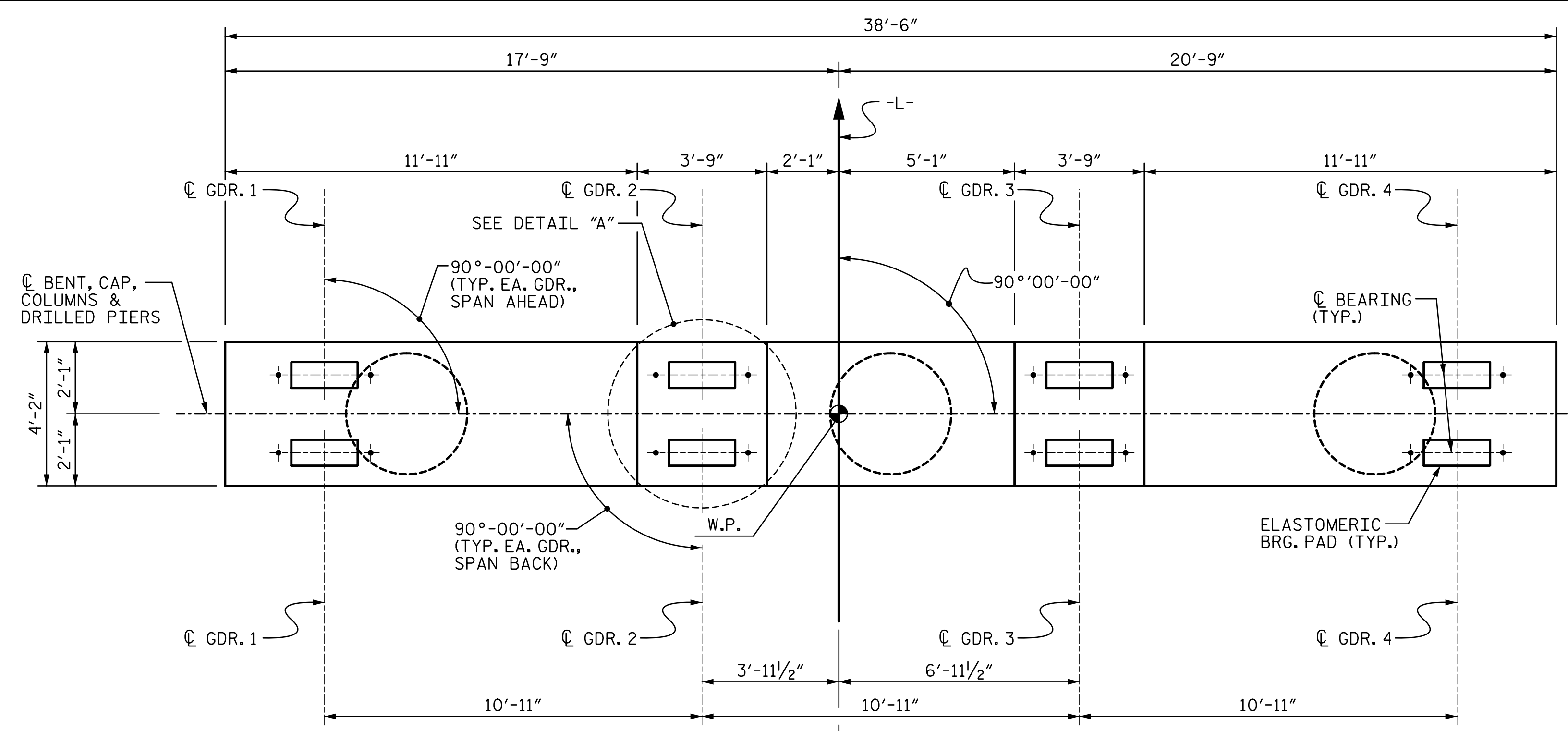
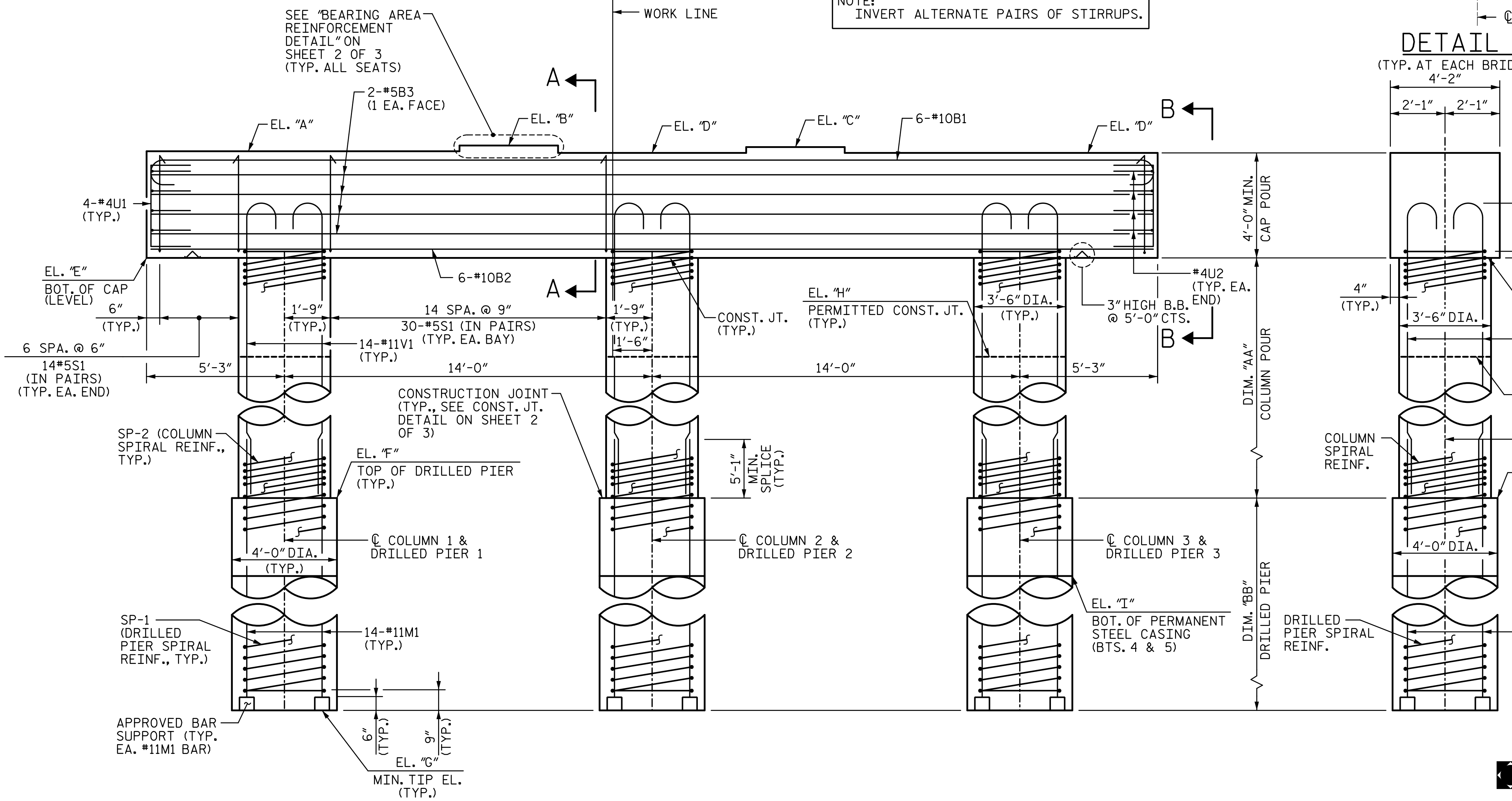


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NOTE: INVERT ALTERNATE PAIRS OF STIRRUPS.



DETAIL "A"
(TYP. AT EACH BRIDGE SEAT)

NOTES

FOR DRILLED PIERS, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.

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

FOR 2" Ø ANCHOR BOLTS, SEE "ELASTOMERIC BEARING DETAILS" SHEET.

SEE "FOUNDATION LAYOUT" SHEET FOR ADDITIONAL NOTES.

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

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

AT BENT 3, THE TOP SURFACE OF THE BENT CAP SHALL BE CURED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS EXCEPT THE MEMBRANE CURING COMPOUND METHOD SHALL NOT BE USED.

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 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.

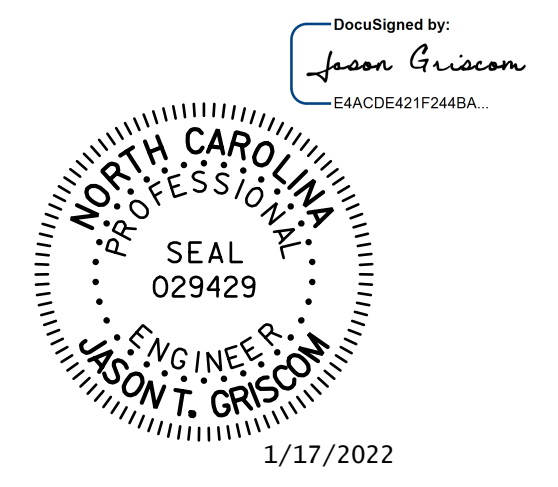
TABLE A
ELEVATIONS

	BENT 1	BENT 2	BENT 3	BENT 4	BENT 5
"A"	500.79	501.05	501.04	500.76	500.38
"B"	501.01	501.27	501.26	500.98	500.60
"C"	500.95	501.21	501.20	500.92	500.54
"D"	500.73	500.99	500.98	500.70	500.32
"E"	496.73	496.99	496.98	496.70	496.32
"F"	475.48	473.74	473.73	469.20	469.07
"G"	452.48	450.99	443.98	441.95	453.82
"H"	486.10	485.40	485.40	483.00	483.70
"I"	N/A	N/A	N/A	458	464

TABLE B
ELEVATION VIEW DIMENSIONS

	BENT 1	BENT 2	BENT 3	BENT 4	BENT 5
"AA"	21'-3"	23'-3"	23'-3"	27'-6"	27'-3"
"BB"	23'-0"	22'-9"	29'-9"	27'-3"	15'-3"

PROJECT NO. **B-5810**
CABARRUS COUNTY
 STATION: **23+17.00 -L-**
 SHEET 1 OF 3



STV ENGINEERS, INC.
 100 900 West Trade St., Suite 715
 Charlotte, NC 28202
 NC License Number F-0991

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ASSEMBLED BY : LGH DATE : 6-19
 CHECKED BY : MLO DATE : 12-19
 DESIGN ENGINEER OF RECORD : J. GRISCOM DATE : 1-22

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BENTS 1-5

REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

S-31
 TOTAL SHEETS 36