

CL CAP, COLUMNS, DRILLED PIERS & BENT CONTROL LINE

SPAN B

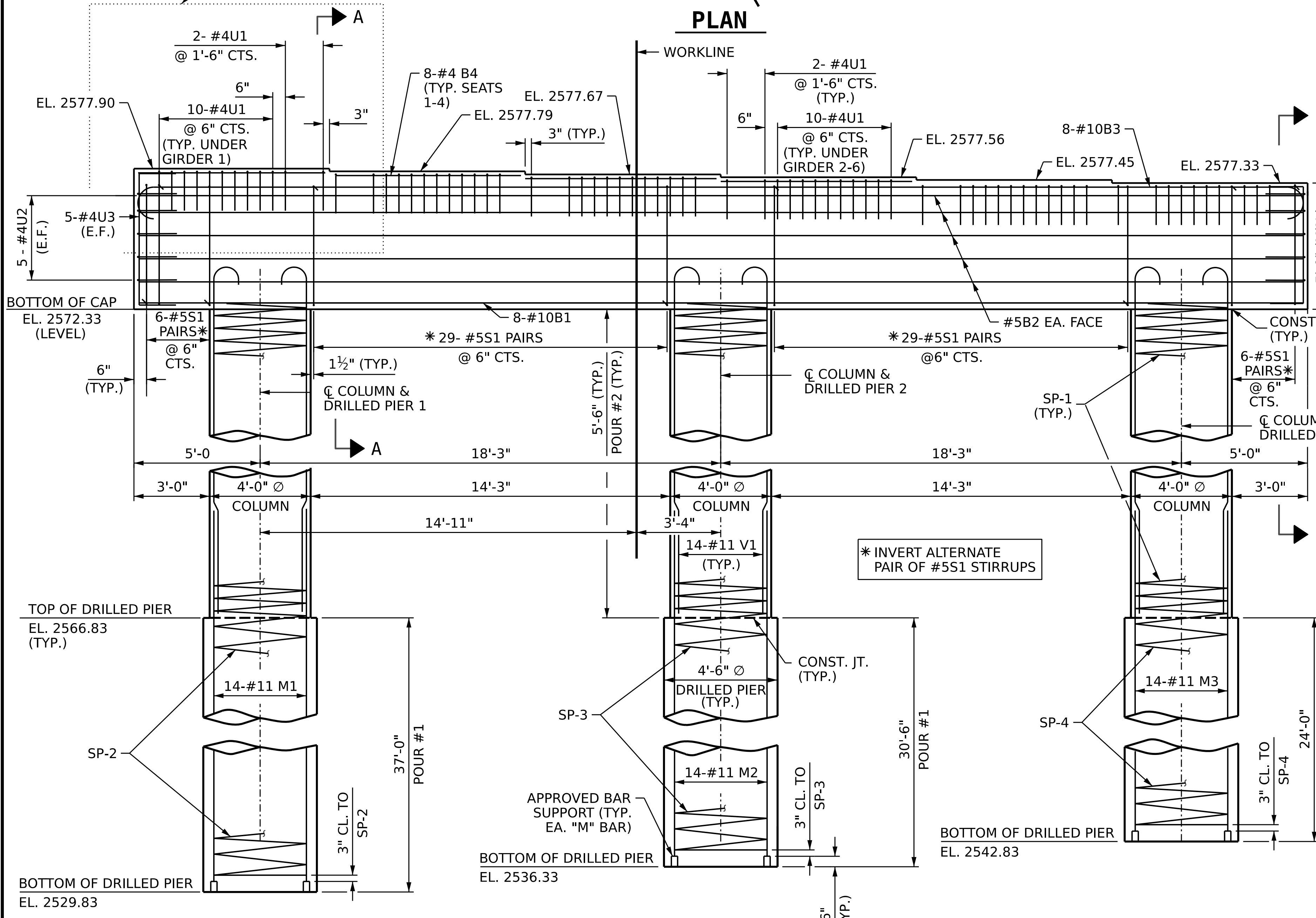
SPAN A

NOTES:

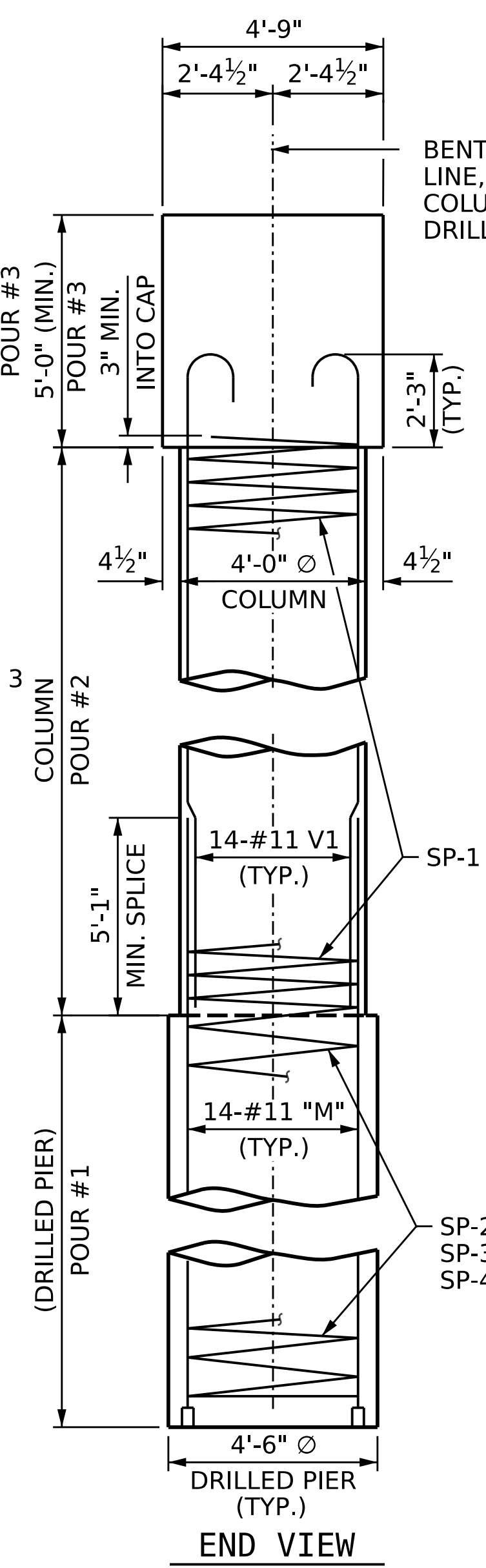
- STIRRUPS AND "U" BARS IN CAP MAY BE SHIFTED SLIGHTLY TO CLEAR ANCHOR BOLTS.
- ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "REINFORCING STEEL" AND "SPIRAL COLUMN REINFORCING STEEL".
- FOR DRILLED PIERS AND PERMANENT STEEL CASING, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.
- 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.
- HOOKS ON "V" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.
- SEE PILE AND DRILLED PIER FOUNDATION TABLES FOR DRILLED PIER FOUNDATION DATA.
- FOR SECTION A-A, B-B AND CAP END VIEWS, SEE SHEET 2 OF 2.
- THE LOCATION OF THE CONSTRUCTION JOINT IN THE DRILLED PIERS ARE BASED ON AN APPROXIMATE GROUND LINE ELEVATION. IF THE CONSTRUCTION JOINT IS ABOVE THE ACTUAL GROUND ELEVATION, THE CONTRACTOR SHALL PLACE THE CONSTRUCTION JOINT AT A MINIMUM OF ONE FOOT BELOW THE GROUND LINE.
- SEE BRIDGE 158 PLANS FOR LOCATION AND LIMITS OF INTERIOR BENT OVERBUILD CONSTRUCTION AND DEMOLITION.
- DURING THE CONSTRUCTION AND DEMOLITION OF BRIDGE 158 OVERBUILT PORTION OF BENT 1 OVER PROPOSED BRIDGE 155, THE CONTRACTOR SHALL ENSURE THAT NO DAMAGE SHALL OCCUR TO THE PROPOSED BENT 1 OF BRIDGE 155. THE TEMPORARY SUPPORT SHALL BE REMOVED PRIOR TO THE ERECTION OF GIRDERS. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

SEE NOTES AND BRIDGE 158 PLANS FOR DETAILS ON TEMPORARY SUPPORT FOR BRIDGE 158

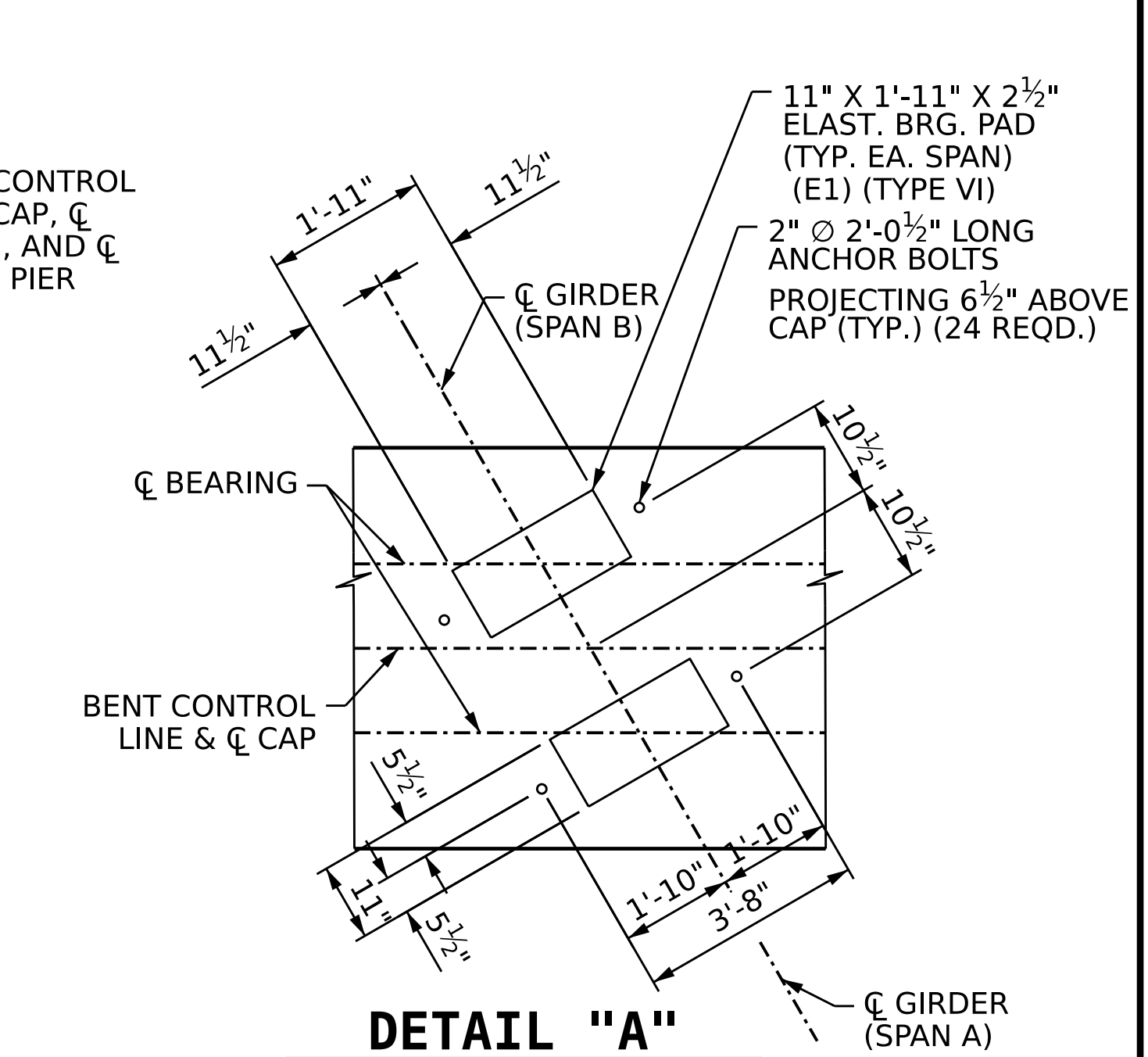
PLAN



ELEVATION



END VIEW

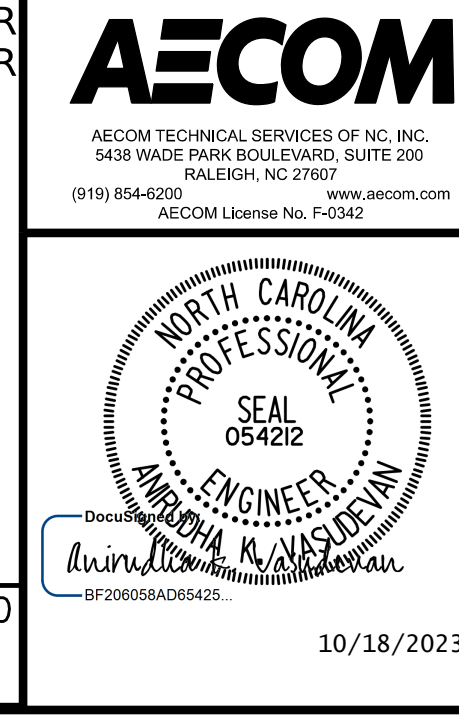


DETAIL "A"

DIMENSIONS ARE TYPICAL FOR EACH BEARING FOR EACH GIRDER

PROJECT NO. **B-3186 / B-5898**
HAYWOOD COUNTY
 STATION: **24+42.26 -L_RT-**

SHEET 1 OF 2



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH		SUBSTRUCTURE		BENT 1	
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO.					S2-23
TOTAL SHEETS					31

DRAWN BY :	S.NATARAJAN	DATE :	04/2023
CHECKED BY :	A.K.VASUDEVAN	DATE :	05/2023
DESIGN ENGINEER OF RECORD:	A.K.VASUDEVAN	DATE :	06/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED