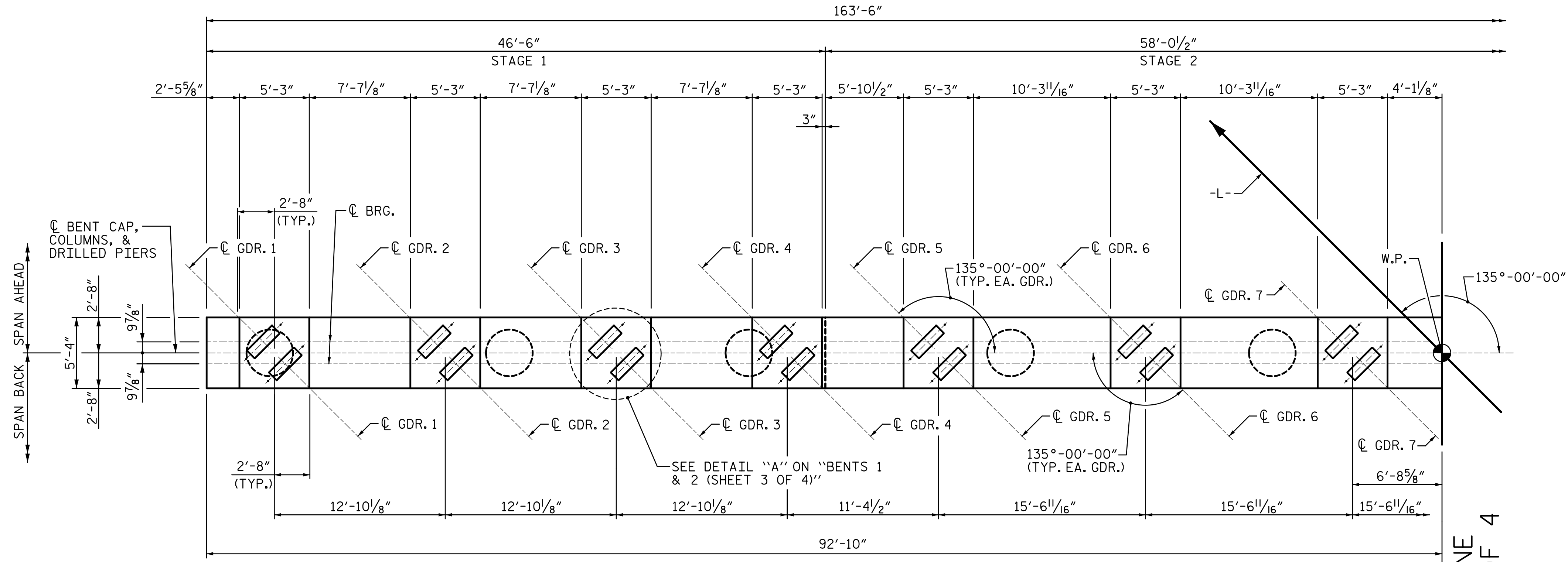
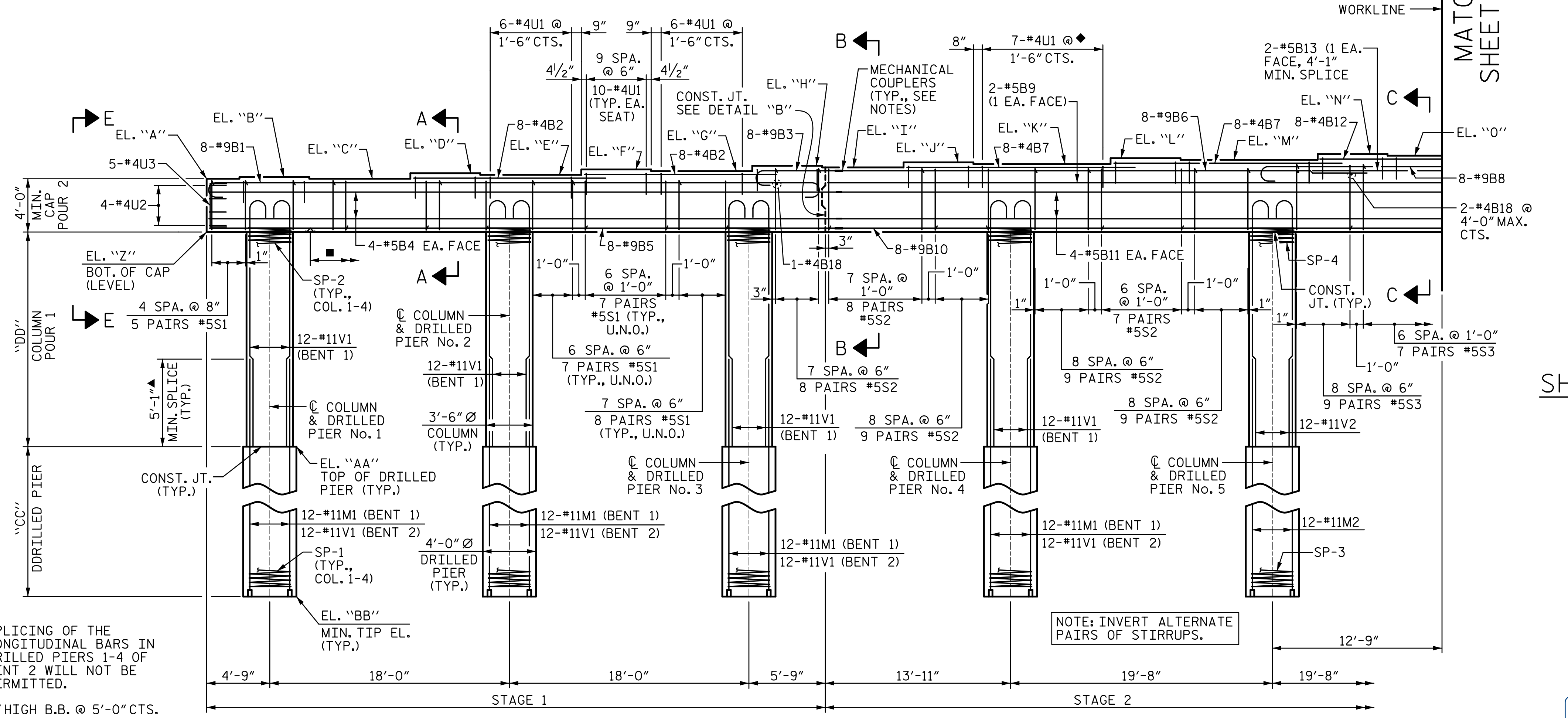


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PLAN



ELEVATION

(LOOKING IN DIRECTION OF STATIONING)
(U.N.O. -UNLESS NOTED OTHERWISE)

NOTES:

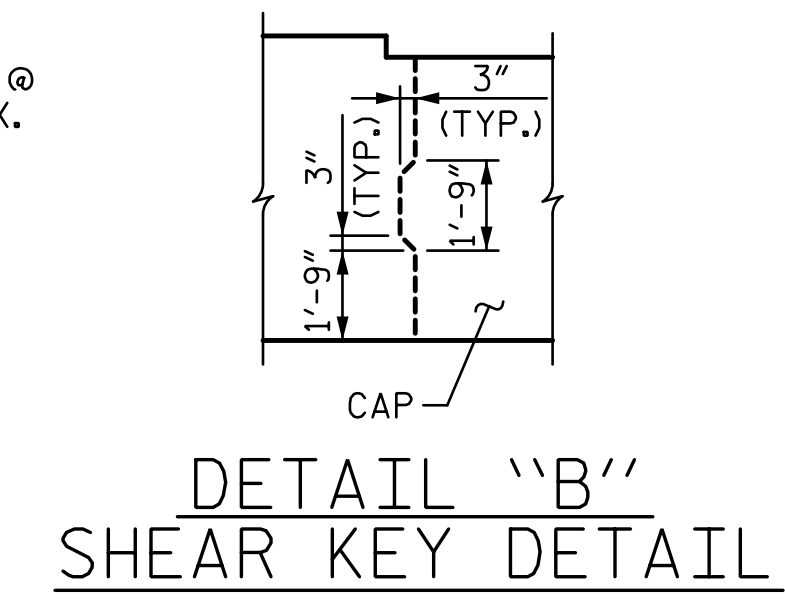
- FOR 2" Ø ANCHOR BOLTS, SEE "ELASTOMERIC BEARING DETAILS (SHEET 1 OF 2)".
- STIRRUPS AND "U" BARS IN CAP MAY BE SHIFTED SLIGHTLY AS NECESSARY TO CLEAR ANCHOR BOLTS.
- HOOKS ON "V" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.
- ALL REINFORCING STEEL IN THE DRILLED PIERS IS INCLUDED 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.
- 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.
- PROJECT STAGE 1 AND STAGE 2 "B" BARS 1'-0" TO COUPLE TO STAGE 2 AND STAGE 3 "B" BARS, AS SHOWN.

TABLE A ELEVATIONS		
	BENT 1	BENT 2
"A"	605.64	604.78
"B"	605.77	604.91
"C"	605.64	604.78
"D"	606.06	605.20
"E"	605.93	605.07
"F"	606.34	605.48
"G"	606.21	605.33
"H"	606.62	605.76
"I"	606.49	605.63
"J"	606.87	606.01
"K"	606.74	605.88
"L"	607.19	606.36
"M"	607.06	606.23
"N"	607.50	606.70
"O"	607.37	606.57
"Z"	601.64	600.78

TABLE B ELEVATIONS				
DRILLED PIER No.	BENT 1		BENT 2	
	"AA"	"BB"	"AA"	"BB"
1	589.00	568.00	596.00	571.00
2	589.00	568.00	596.00	571.00
3	589.00	568.00	596.00	571.00
4	589.00	568.00	596.00	571.00
5	590.50	561.50	591.00	562.50

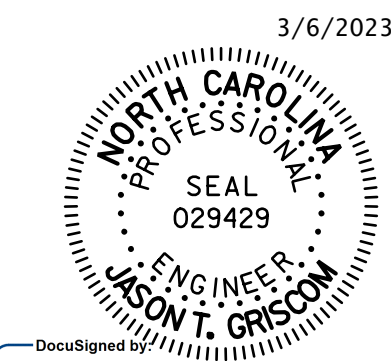
TABLE C DIMENSIONS		
DRILLED PIER No.	BENT 1	BENT 2
	"CC"	"CC"
1	21'-0"	25'-0"
2	21'-0"	25'-0"
3	21'-0"	25'-0"
4	21'-0"	25'-0"
5	29'-0"	28'-6"

COLUMN No.	"DD"	"DD"
1	12'-7 ⁵ / ₈ "	4'-9 ³ / ₈ "
2	12'-7 ⁵ / ₈ "	4'-9 ³ / ₈ "
3	12'-7 ⁵ / ₈ "	4'-9 ³ / ₈ "
4	12'-7 ⁵ / ₈ "	4'-9 ³ / ₈ "
5	11'-1 ⁵ / ₈ "	9'-9 ³ / ₈ "



- ▲ SPLICING OF THE LONGITUDINAL BARS IN DRILLED PIERS 1-4 OF BENT 2 WILL NOT BE PERMITTED.
- 3" HIGH B.B. @ 5'-0" CTS.
- ◆ TYPICAL BETWEEN GDERS. 5-6, 6-7 & 7-8 (STAGE 2)

ASSEMBLED BY : SGH DATE : 11-22
 CHECKED BY : MLO DATE : 11-22
 DESIGN ENGINEER OF RECORD : J. GRISCOM DATE : 3-23



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

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

PROJECT NO. **B-5808**
CABARRUS COUNTY
 STATION: **20+64.00 -L-**
 SHEET 1 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH				
BENTS 1 & 2				
REVISIONS				SHEET NO.
NO.	BY:	DATE:	NO.	DATE:
1			3	
2			4	
				S-49
				TOTAL SHEETS 65