

PLAN

NOTES

FOR SECTION A-A, SEE "SHEET 2 OF 2."

STIRRUPS AND U1 BARS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

HOOKS ON "M" AND "B" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.

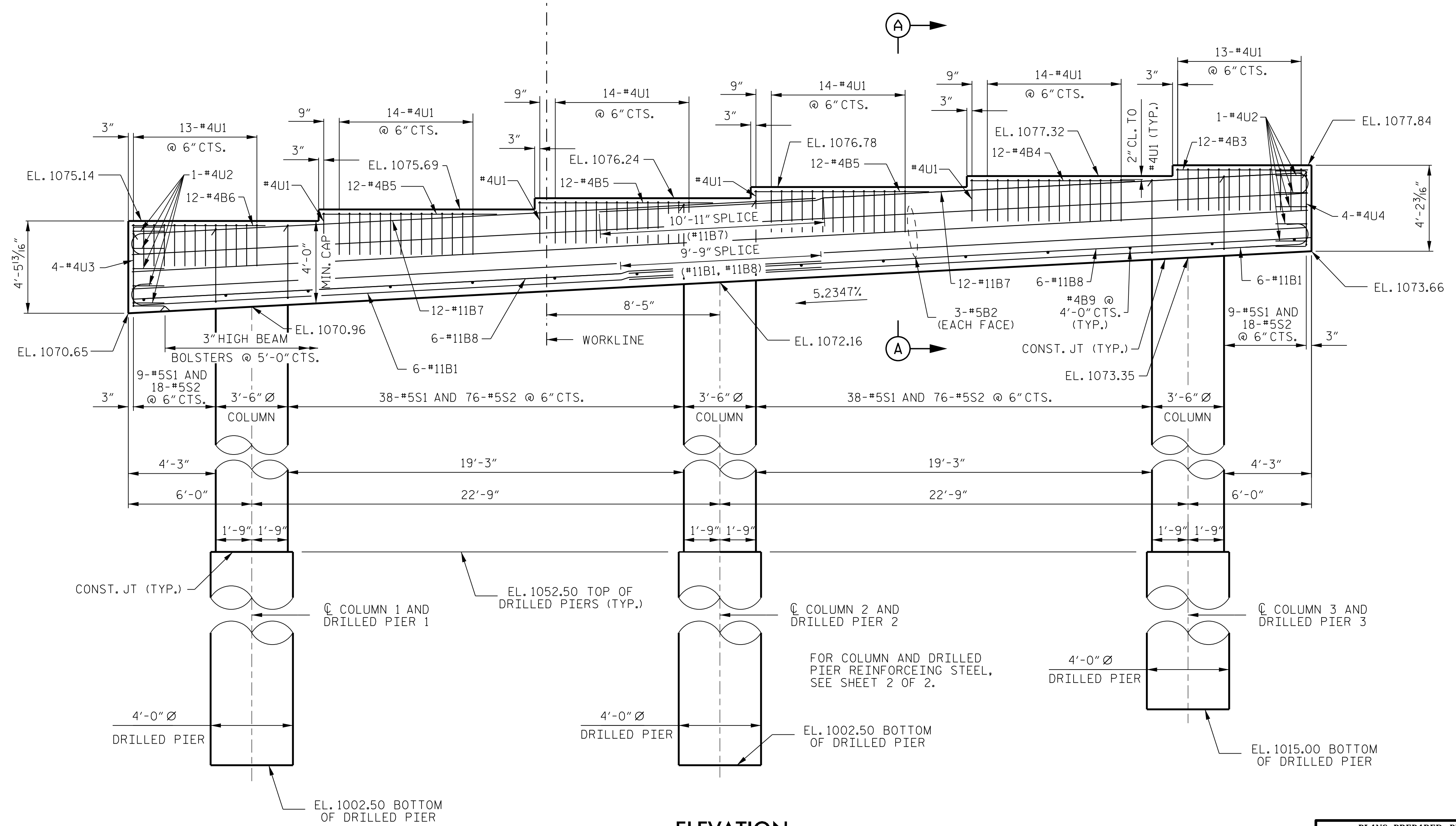
FOR DRILLED PIERS, SEE SPECIAL PROVISIONS.

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 ("M" BARS) 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 FOOT BELOW THE GROUND LINE.

FOR GIRDER ANGLES, SEE "FRAMING PLANS" SHEETS S2-10 AND S2-11.



ELEVATION

TABLE OF GIRDER VARIABLES		
BENT 1	A	B
GIRDER A1	11"	1'-9/8"
GIRDER A2	10 ⁵ / ₁₆ "	1'-8 ¹¹ / ₁₆ "
GIRDER A3	10 ⁷ / ₈ "	1'-8 ⁹ / ₁₆ "
GIRDER A4	10 ³ / ₁₆ "	1'-7 ¹⁵ / ₁₆ "
GIRDER A5	10 ³ / ₄ "	1'-7 ⁹ / ₁₆ "
GIRDER A6	10 ¹¹ / ₁₆ "	1'-7 ¹ / ₄ "
GIRDER B1	1'-0 ⁹ / ₁₆ "	2'-5 ¹ / ₁₆ "
GIRDER B2	1'-0 ³ / ₈ "	2'-4 ³ / ₈ "
GIRDER B3	1'-0 ¹ / ₄ "	2'-3 ¹¹ / ₁₆ "
GIRDER B4	1'-0 ¹ / ₈ "	2'-3"
GIRDER B5	1'-0"	2'-2 ¹ / ₁₆ "
GIRDER B6	11 ⁷ / ₈ "	2'-1 ⁷ / ₈ "

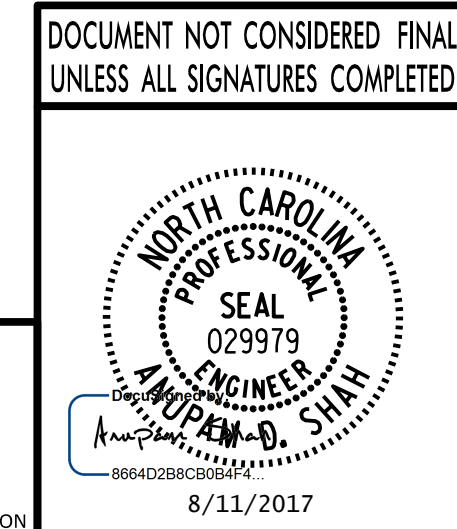
PROJECT NO. **I-4729A**
POLK COUNTY
 STATION: **21+44.22 -RP_F-**

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE

BENT 1



PLANS PREPARED BY:
PARSONS
 5540 Centerview Drive, Suite 217
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DRAWN BY :	D. PRETORIUS	DATE :	7-17
CHECKED BY :	S. PHAN	DATE :	7-17
DESIGN ENGINEER :	D. PRETORIUS	DATE :	7-17

REVISIONS						SHEET No.	
No.	BY:	DATE:	No.	BY:	DATE:	S2-23	
1			3			TOTAL SHEETS	
2			4			31	

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