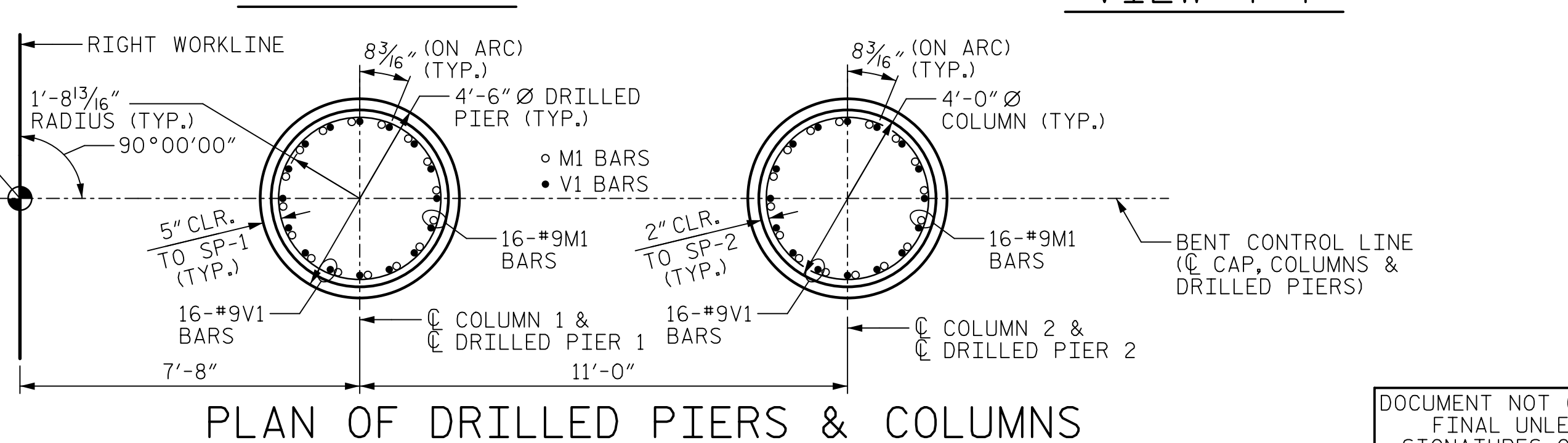
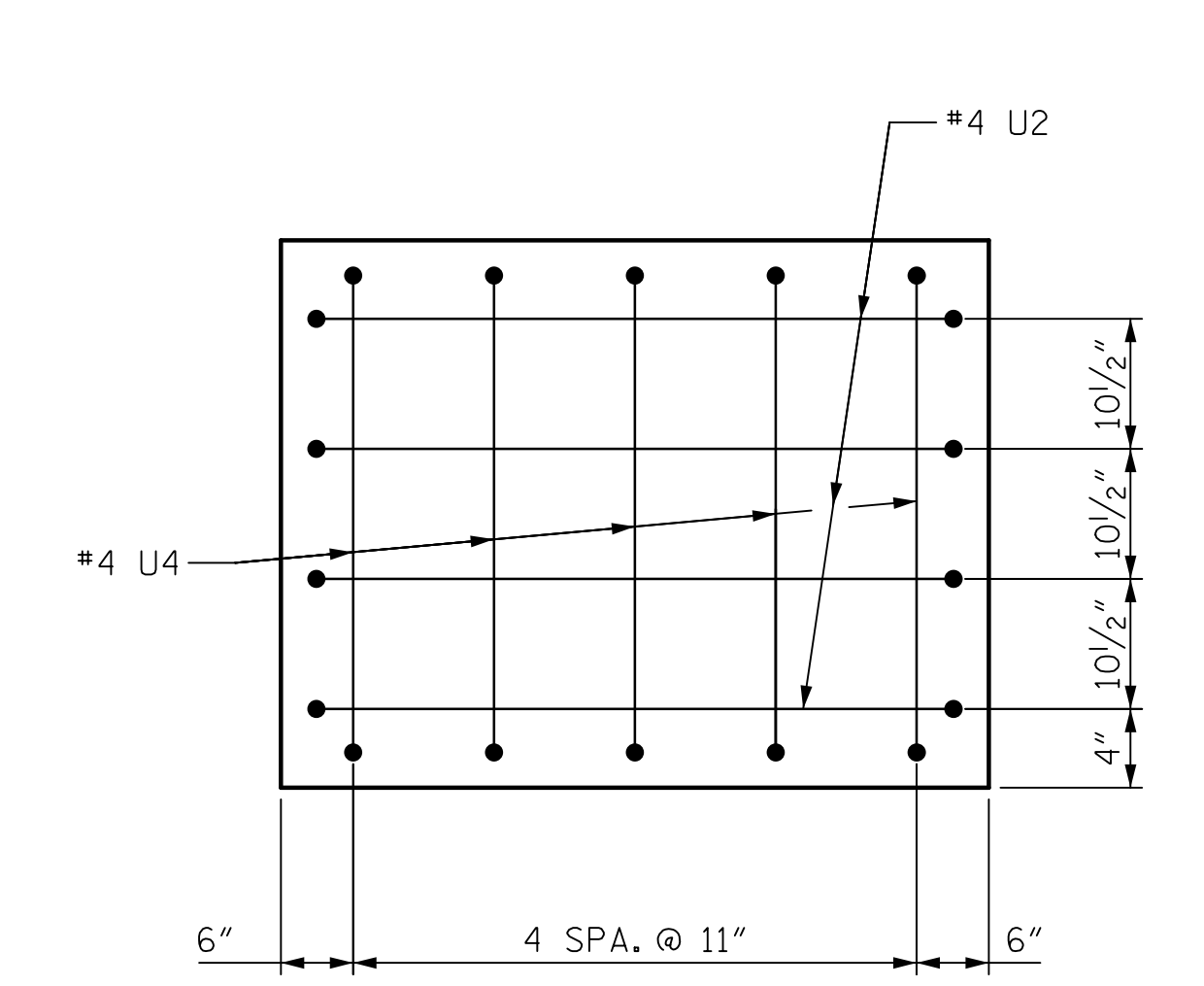
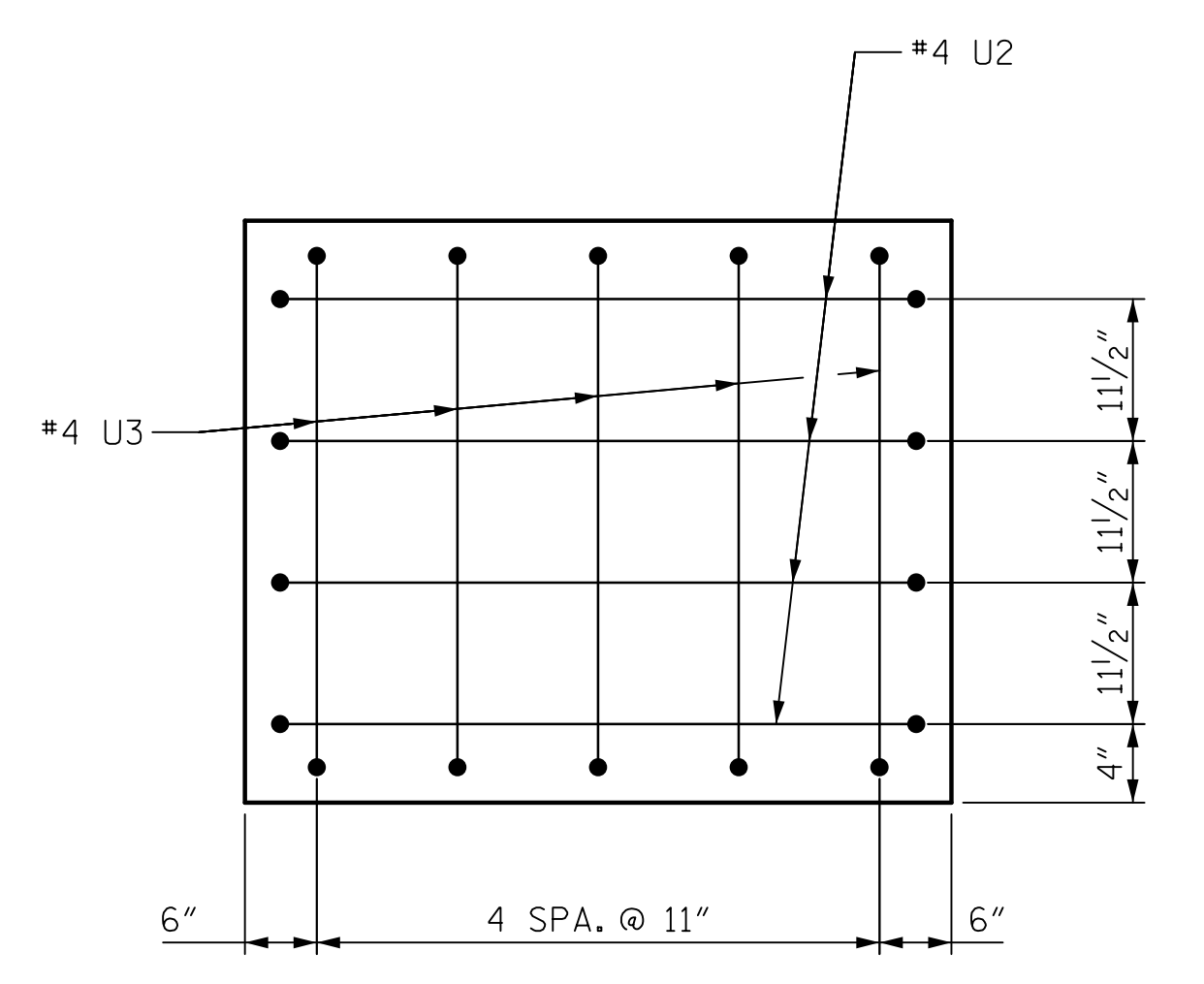
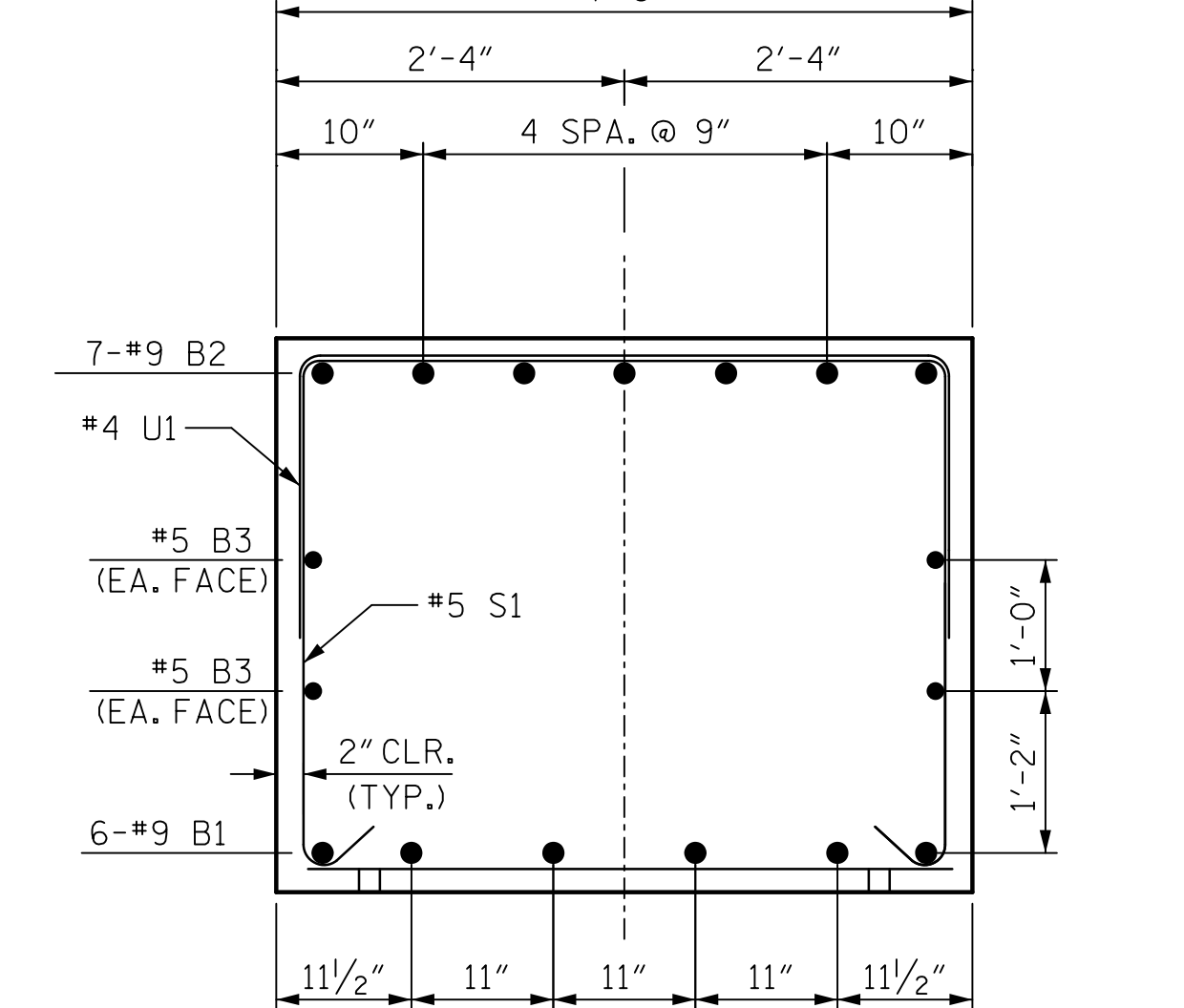
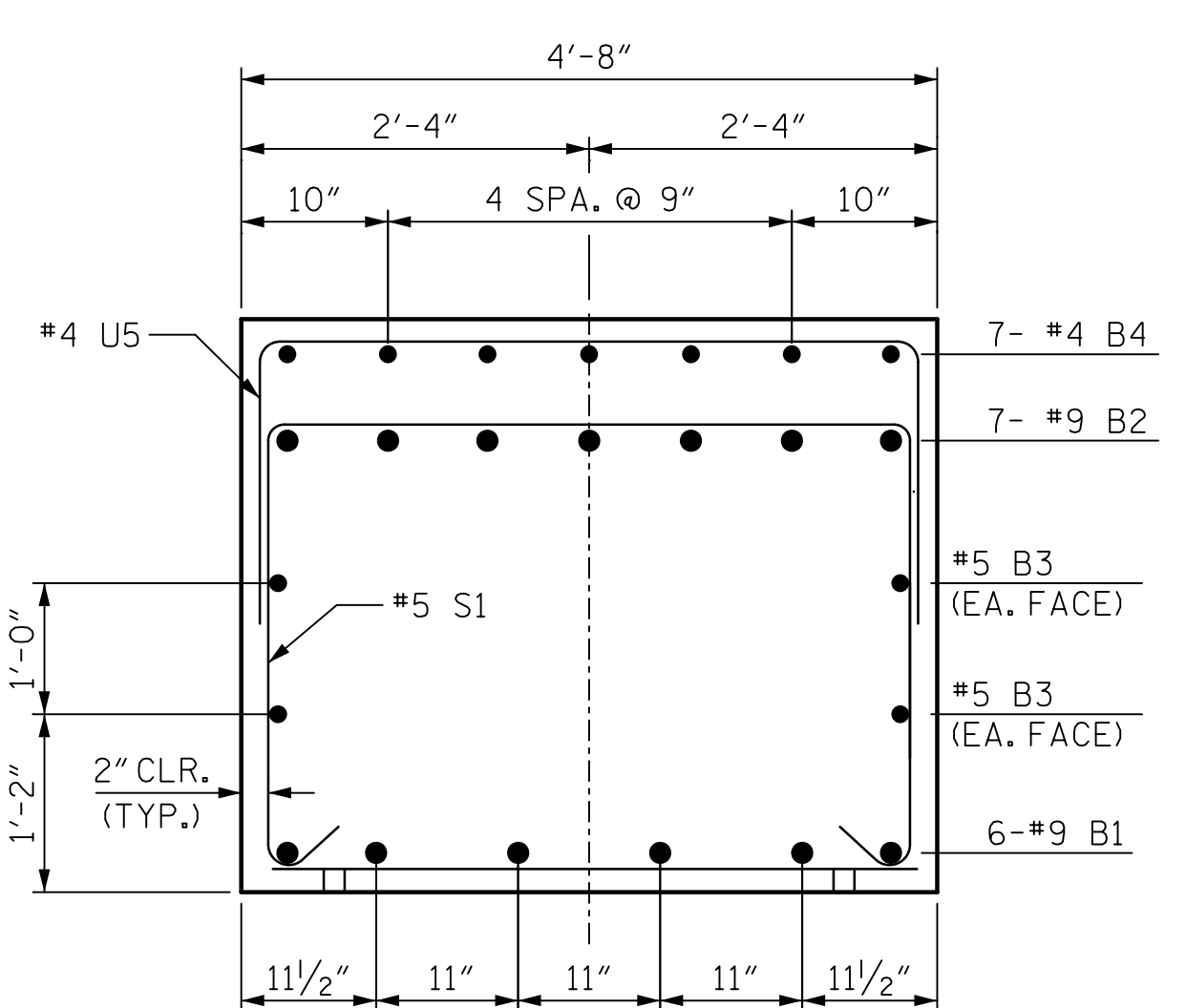
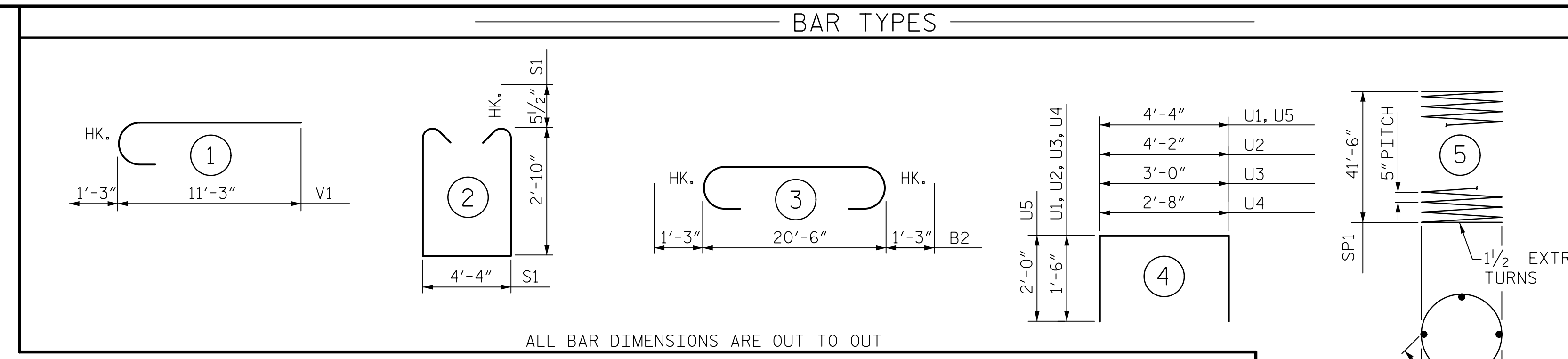
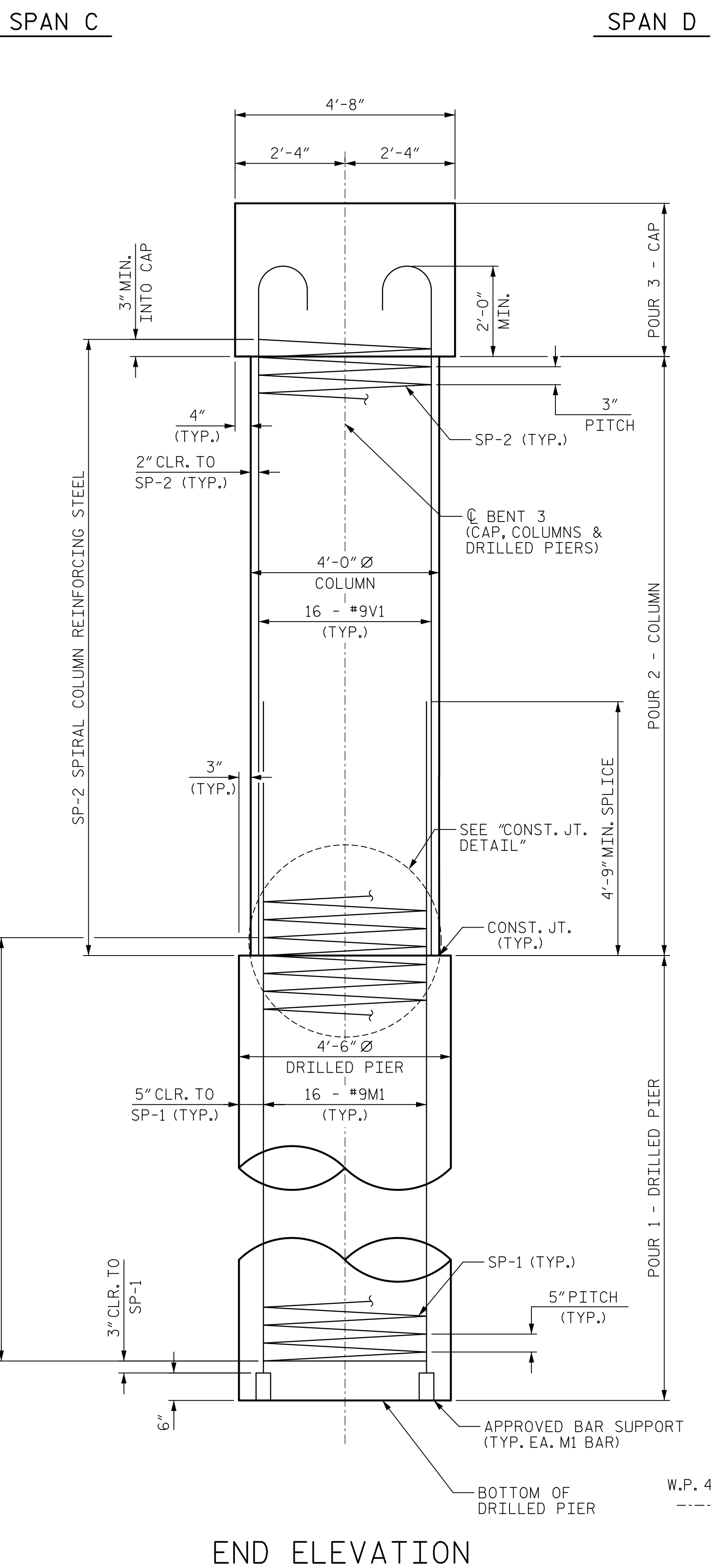
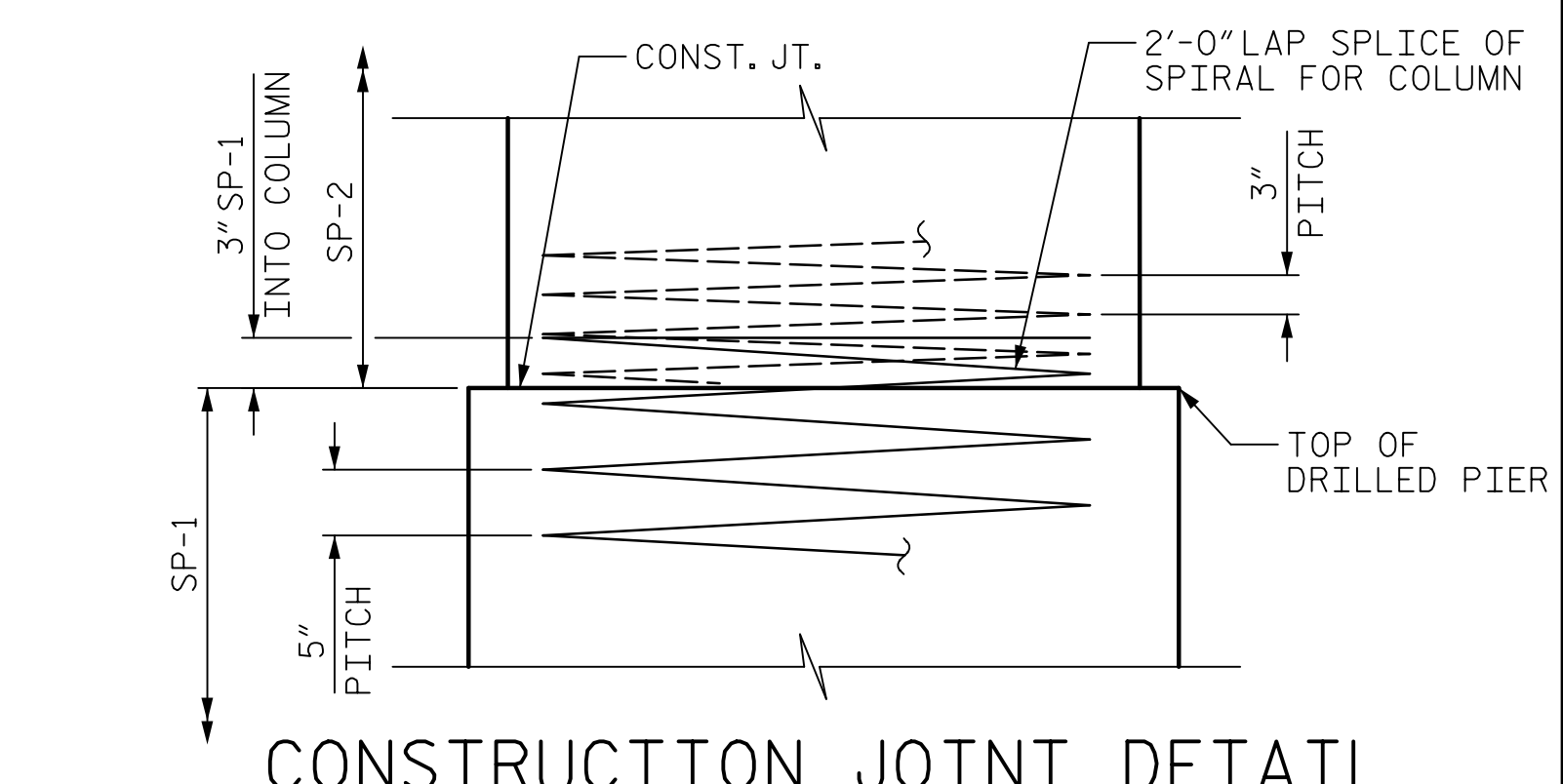


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BILL OF MATERIAL					
BENT 3					
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	9	STR	20'-8"	422
B2	7	9	3	23'-0"	547
B3	6	5	STR	20'-8"	129
B4	7	4	STR	4'-4"	20
M1	32	9	STR	49'-3"	5,358
V1	32	9	1	12'-6"	1,360
S1	23	5	2	10'-11"	262
U1	14	4	4	7'-4"	69
U2	8	4	4	7'-2"	38
U3	5	4	4	6'-0"	20
U4	5	4	4	5'-8"	19
U5	7	4	4	8'-4"	39
SP-1	2	**	5	1147'-2"	2,393
SP-2	2	*	6	449'-4"	600
REINFORCING STEEL					8,283 LBS.
SPIRAL COLUMN REINFORCING STEEL					2,993 LBS.
CLASS A CONCRETE BREAKDOWN					
POUR #2 (COLUMNS)					8.6 C.Y.
POUR #3 (CAP)					12.2 C.Y.
TOTAL CLASS A CONCRETE					20.8 C.Y.
DRILLED PIERS					
DRILLED PIER CONCRETE POUR 1 (DRILLED PIERS)					49.5 C.Y.

\*\* THE "SP-1" SPIRAL REINFORCING STEEL SHALL BE W21 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.  
 \* THE "SP-2" SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.



PROJECT NO. U-5748  
 WAKE COUNTY  
 STATION: 24+88.00 -L-

SHEET 2 OF 2

DRAWN BY : M. CATER                      DATE : 12/2022  
 CHECKED BY : J. MORRISON                      DATE : 12/2022  
 DESIGNED BY : B. LEROY                      DATE : 12/2022  
 DESIGN CHECKED BY : J. MORRISON                      DATE : 12/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**AECOM**  
 AECOM TECHNICAL SERVICES OF NC, INC.  
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 (919) 854-4200                      www.aecom.com  
 AECOM License No. F-0342

NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 030474  
 JOHN C. MORRISON

2/10/2023

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE					
BENT 3 (NORTHBOUND LANES)					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S1-44  
TOTAL SHEETS 119