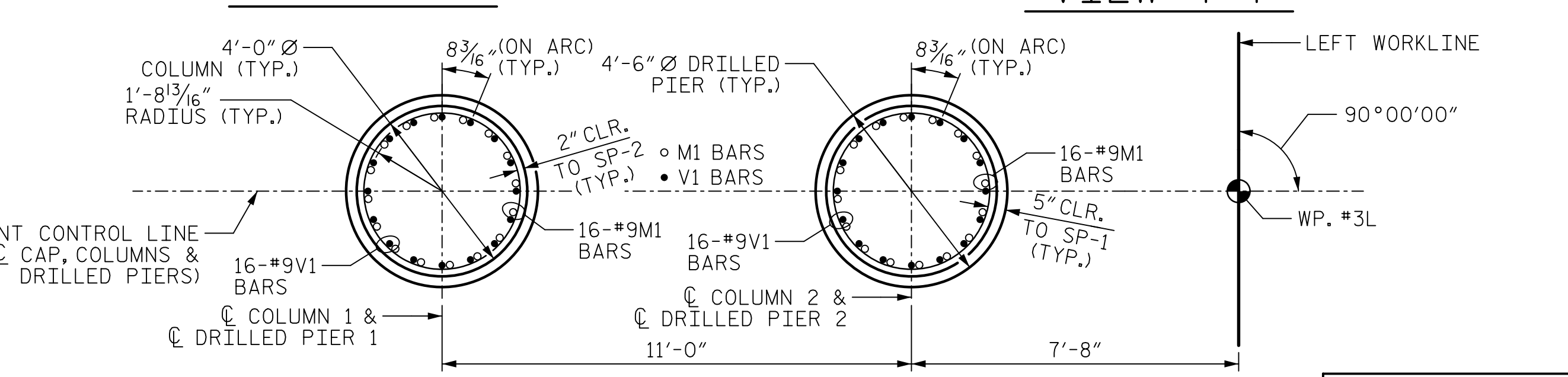
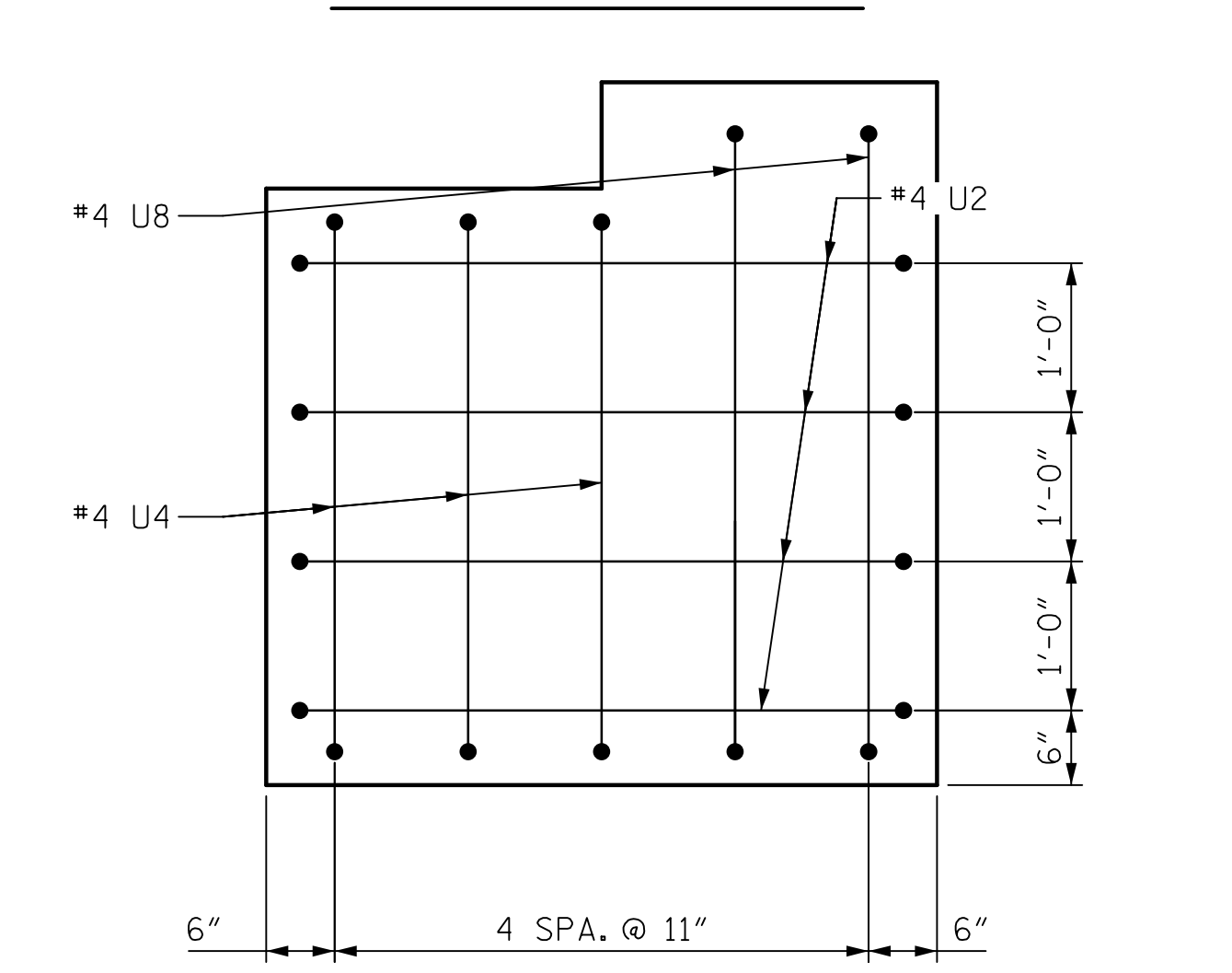
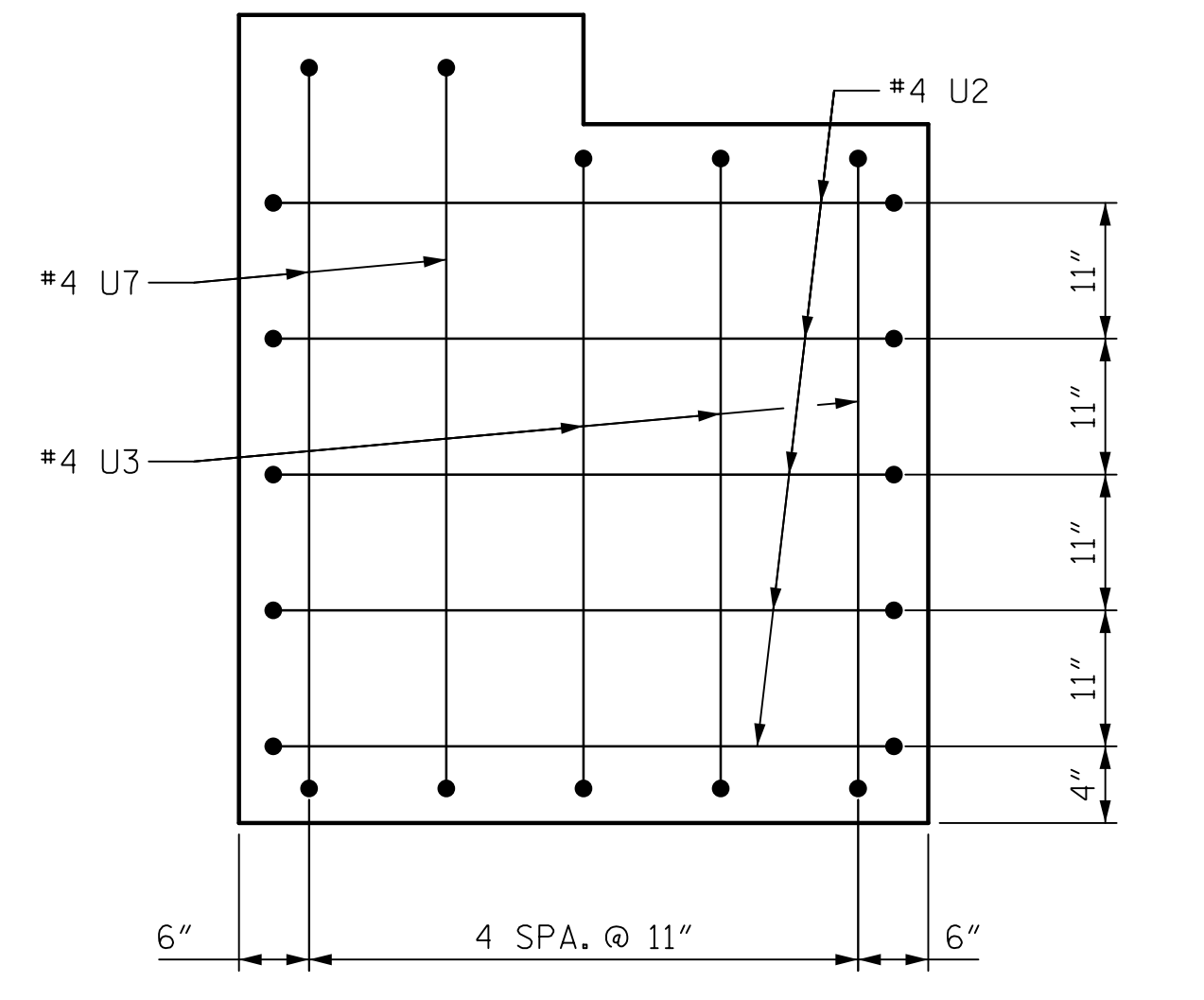
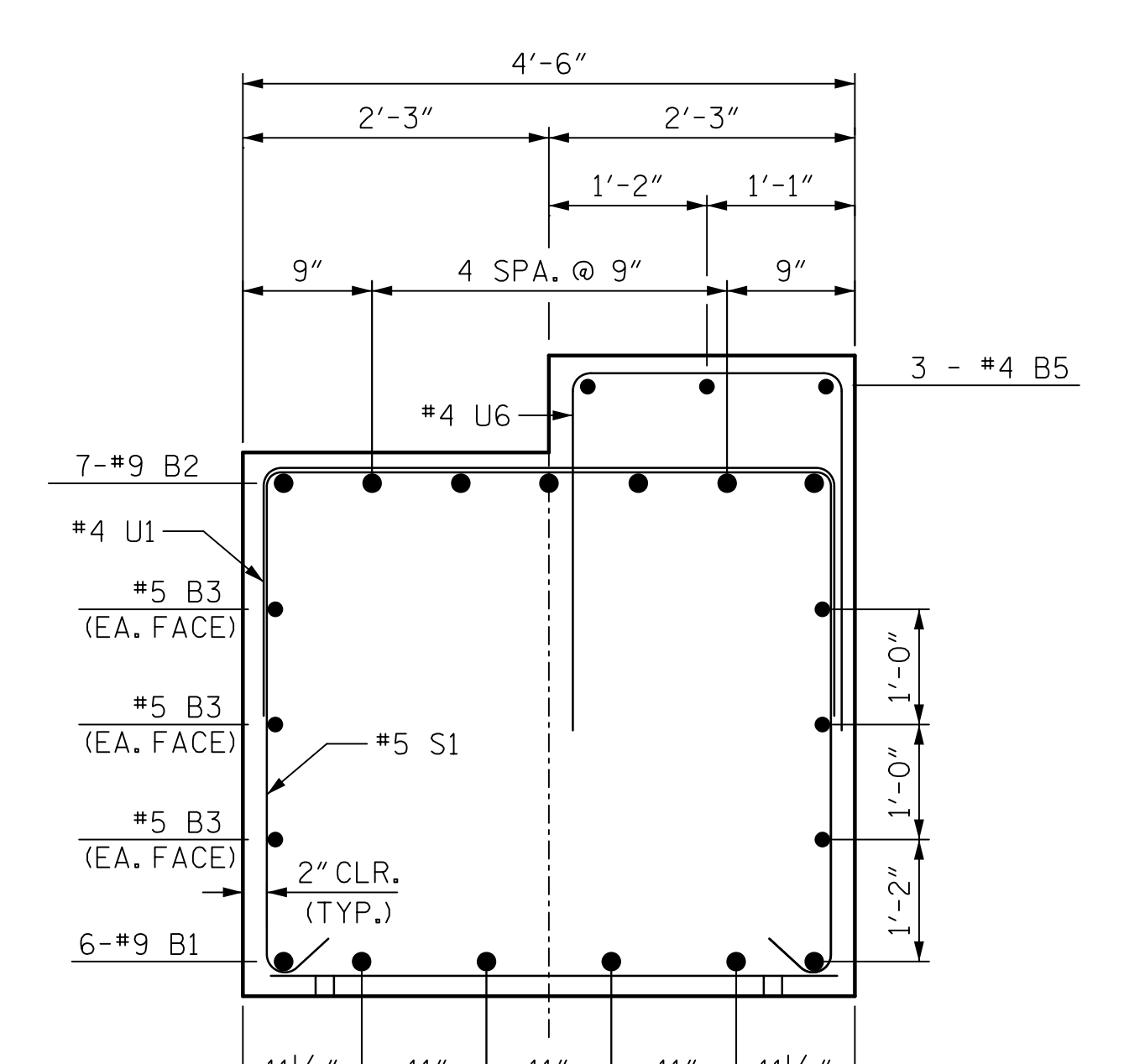
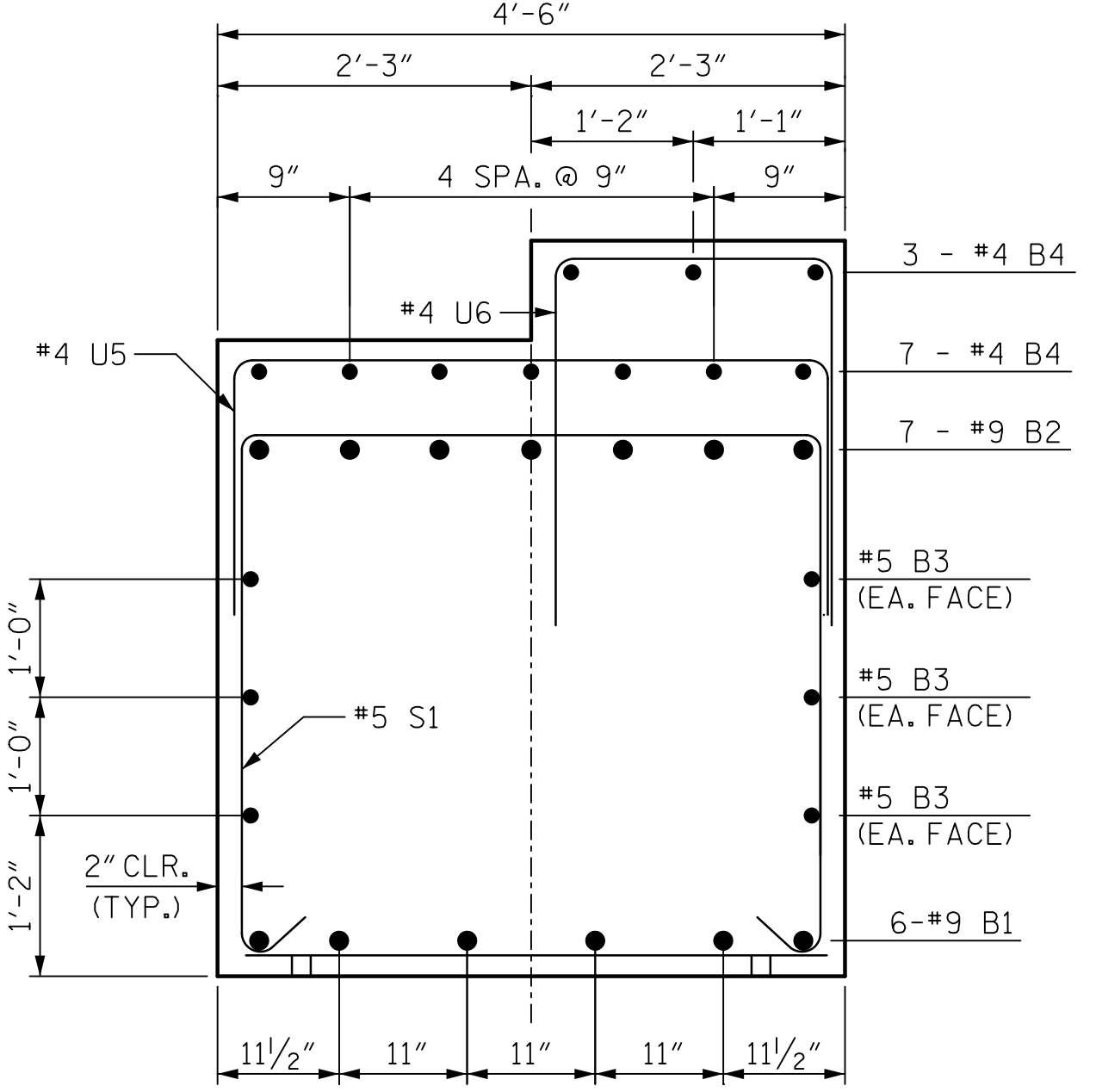
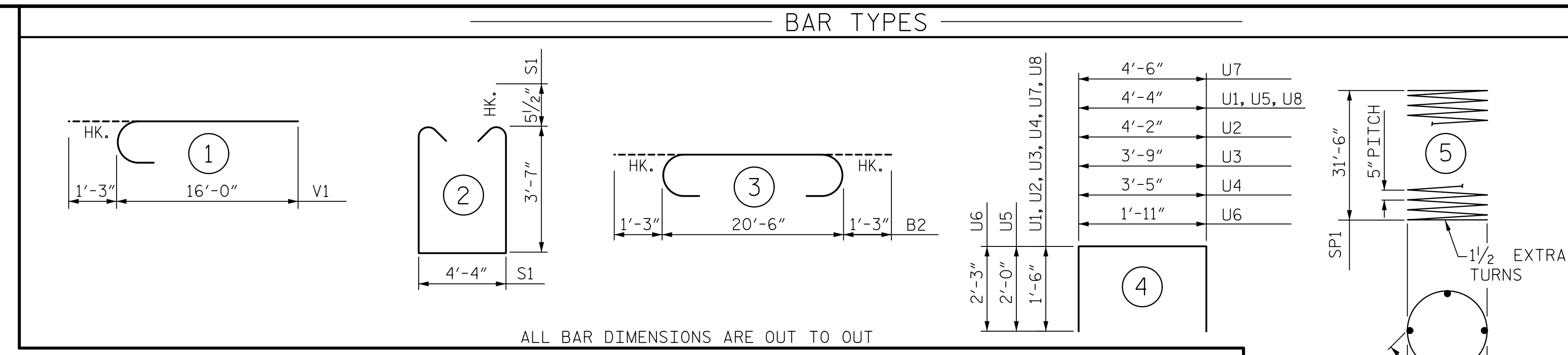
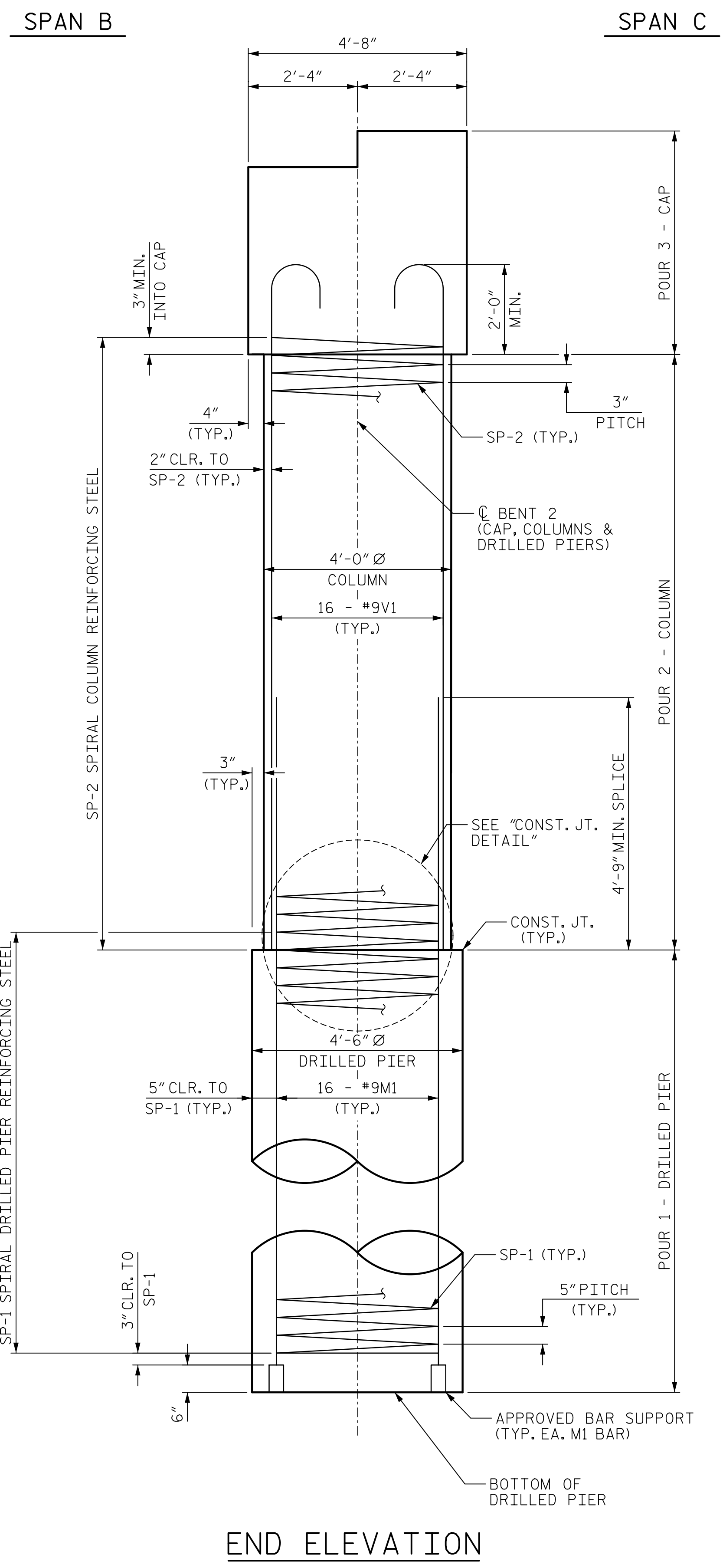


DATE: 2/9/2023  
 TIME: 10:21 PM  
 USER: catter  
 DGN: pva\acomm-nr-pw\beta\19\com\AECOM\_DS21\_MLA\_2020\Documents\60609754-U-5748\_Upon\_MIT900-CAD\_GIS\910-CAD\70\_MCDOT\_TIF\Structures\04\_Drawings\02\_085\_U-5748\_SKI\_B2\_E\_32-42\_9\0131



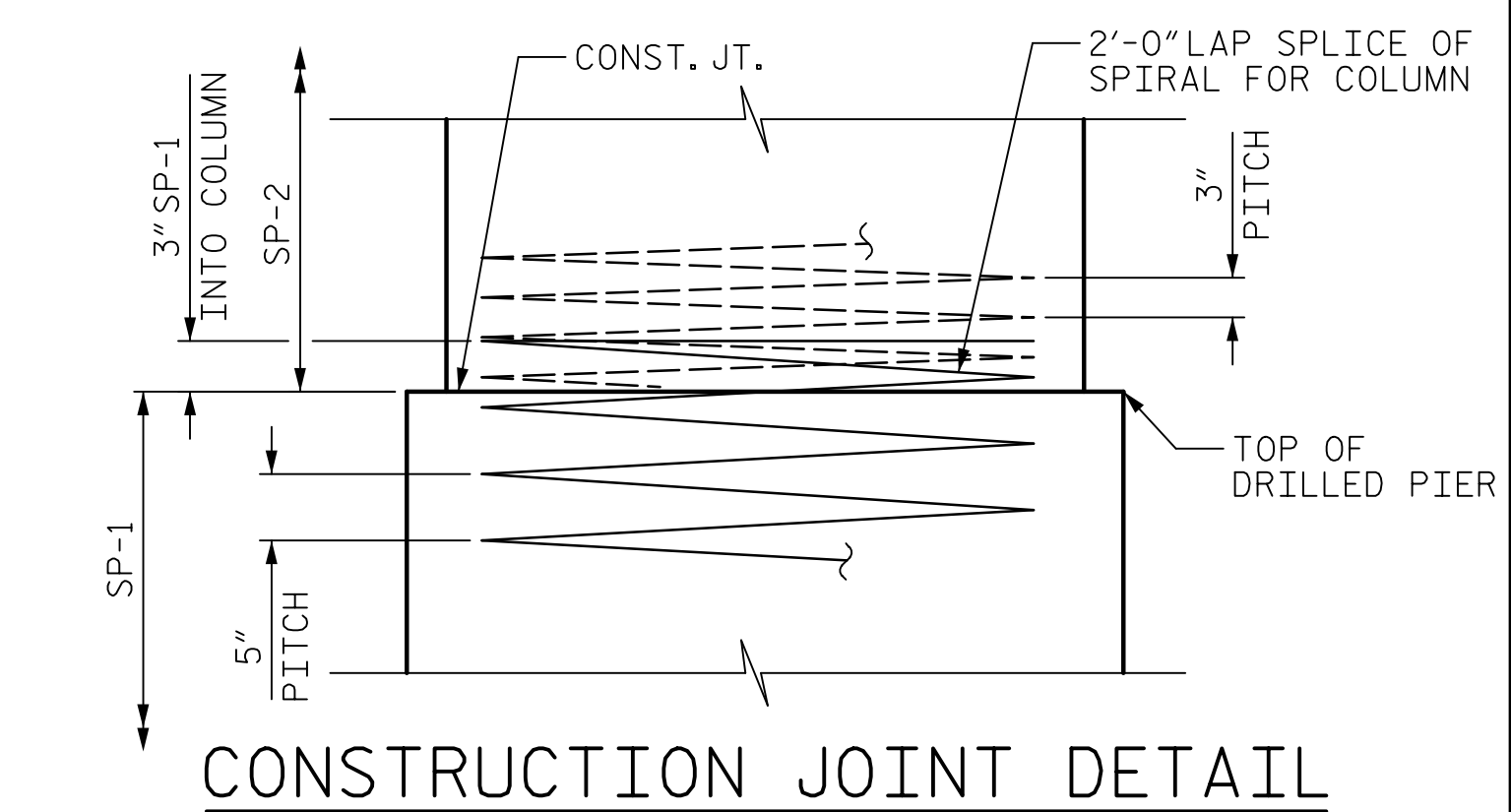
**BILL OF MATERIAL**

**BENT 2**

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	10	4	STR	4'-4"	29
B5	3	4	STR	16'-0"	32
M1	32	9	STR	39'-3"	4,270
V1	32	9	1	17'-3"	1,877
S1	23	5	2	12'-5"	298
U1	14	4	4	7'-4"	69
U2	9	4	4	7'-2"	43
U3	3	4	4	6'-9"	14
U4	3	4	4	6'-5"	13
U5	7	4	4	8'-4"	39
U6	27	4	4	6'-5"	116
U7	2	4	4	7'-6"	10
U8	2	4	4	7'-2"	10
SP-1	2	*	5	874'-10"	1,825
SP-2	2	*	6	665'-5"	889
REINFORCING STEEL				7,918	LBS.
SPIRAL COLUMN REINFORCING STEEL				2,714	LBS.
CLASS A CONCRETE BREAKDOWN					
POUR #2 (COLUMNS)				13.0	C.Y.
POUR #3 (CAP)				16.4	C.Y.
TOTAL CLASS A CONCRETE				29.4	C.Y.
DRILLED PIERS					
DRILLED PIER CONCRETE POUR 1 (DRILLED PIERS)				37.7	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 : 11/2022  
 DESIGN CHECKED BY : J. MORRISON DATE : 11/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**AECOM**

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 AECOM License No. F-0342

**JOHN C. MORRISON**  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 030474  
 2/10/2023

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

SUBSTRUCTURE  
 BENT 2  
 (SOUTHBOUND LANES)

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-42	
1			3			TOTAL SHEETS	
2			4			119	