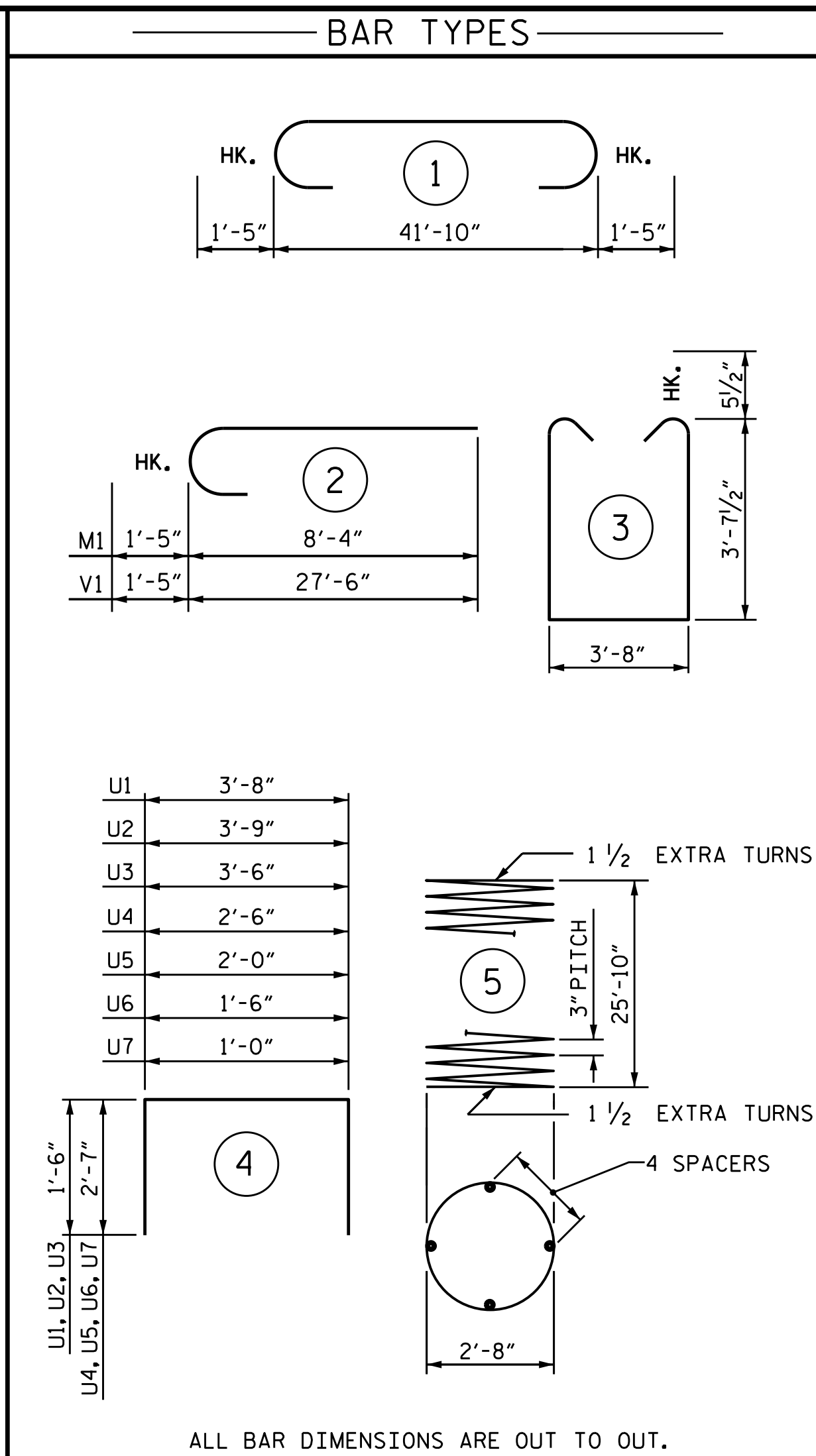
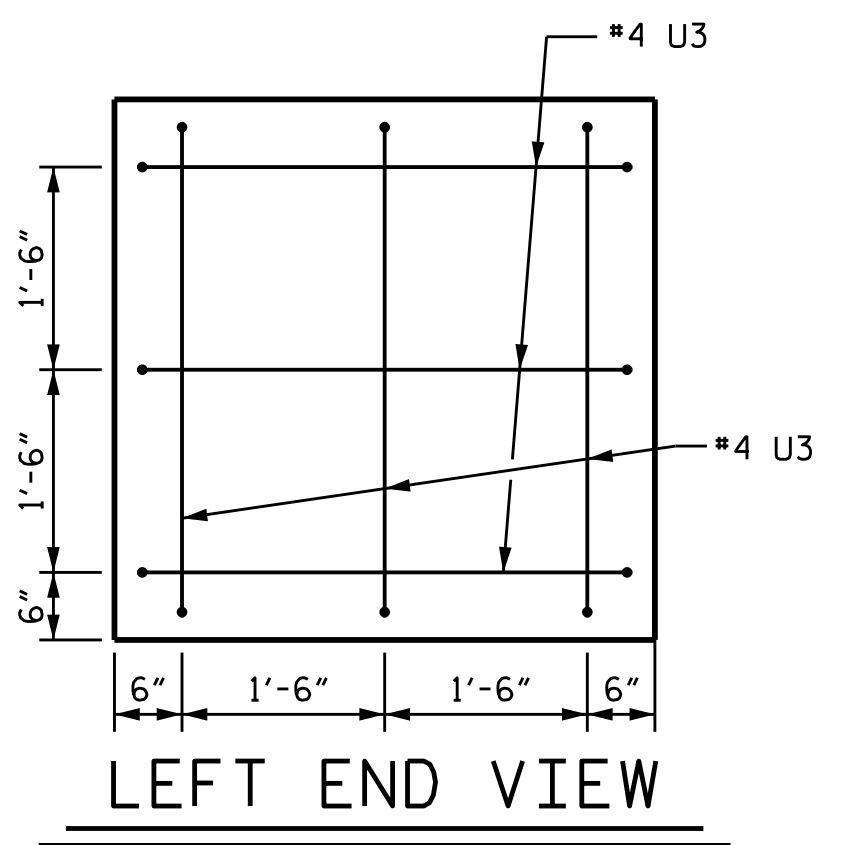


PLAN OF FOOTINGS & COLUMNS

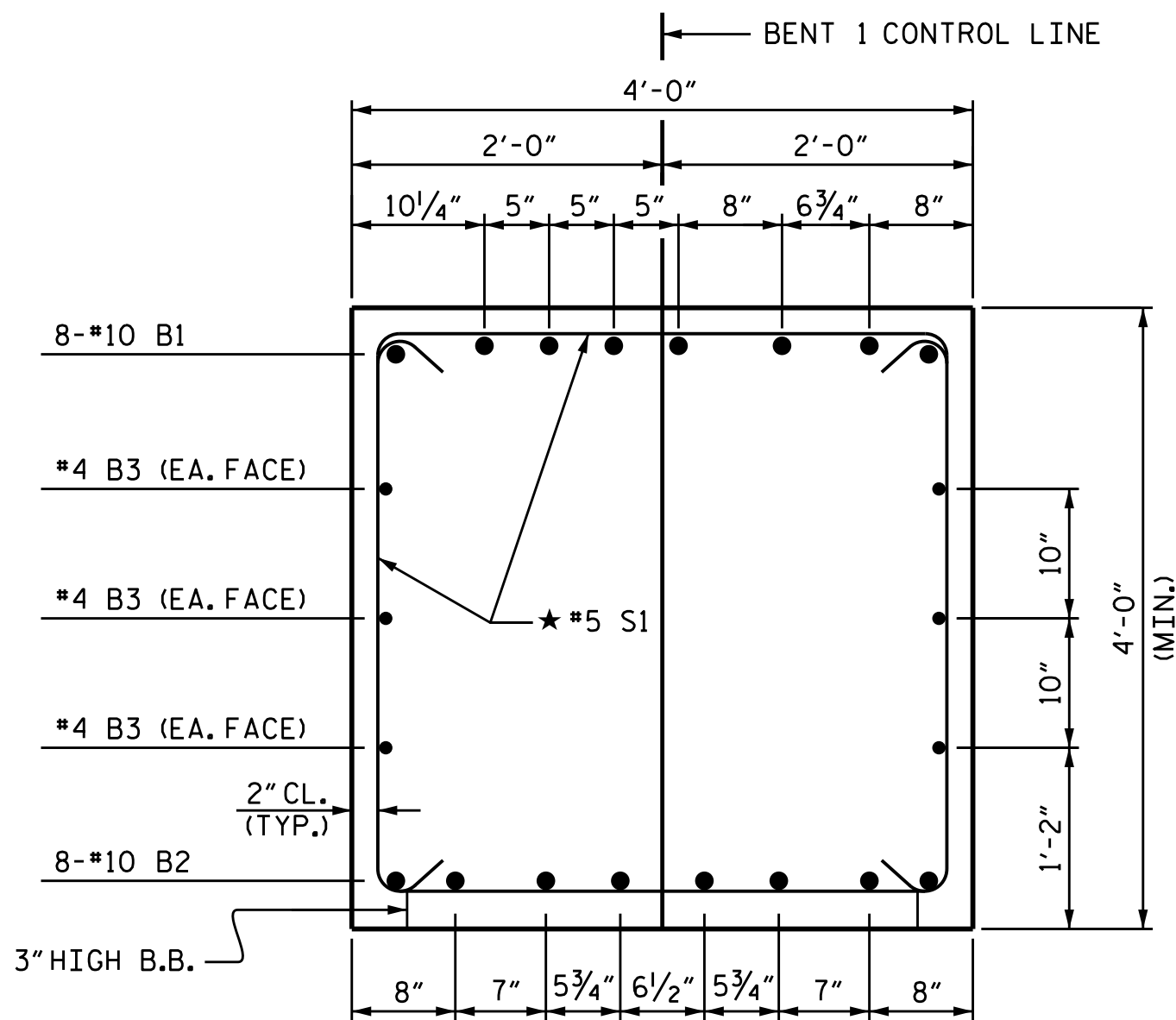
PILES, REINFORCING STEEL, DIMENSIONS AND DETAILS ARE TYPICAL FOR EACH COLUMN AND FOOTING UNLESS OTHERWISE NOTED



BILL OF MATERIAL					
BENT 1-STAGE III					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	8	#10	1	44'-8"	1,538
B2	8	#10	STR	42'-0"	1,446
B3	12	#4	STR	22'-3"	178
B4	8	#4	STR	16'-4"	87
B5	4	#4	STR	3'-5"	9
B6	4	#4	STR	3'-0"	8
M1	42	#10	2	9'-9"	1,762
S1	42	#5	3	11'-10"	518
T1	108	#7	STR	8'-3"	1,821
T2	54	#6	STR	8'-3"	669
U1	41	#4	4	6'-8"	183
U2	3	#4	4	6'-9"	14
U3	10	#4	4	6'-6"	43
U4	4	#4	4	7'-8"	20
U5	4	#4	4	7'-2"	19
U6	4	#4	4	6'-8"	18
U7	4	#4	4	6'-2"	16
V1	42	#10	2	28'-11"	5,226
REINFORCING STEEL					LBS. 13,575
SP-1	3	**	5	878'-9"	1,761
SPIRAL COLUMN REINFORCING STEEL					LBS. 1,761
CLASS A CONCRETE BREAKDOWN:					
POUR #1 (FOOTINGS)	C.Y.	29.8			
POUR #2 (COLUMNS)	C.Y.	20.1			
POUR #3 (CAP)	C.Y.	25.9			
POUR #4 (STEPS)	C.Y.	1.3			
TOTAL CLASS A CONCRETE	C.Y.	77.1			
HP 14X73 STEEL PILES	LIN. FT.	720			
No. 12	LIN. FT.	720			
FOUNDATION EXCAVATION					LUMP SUM

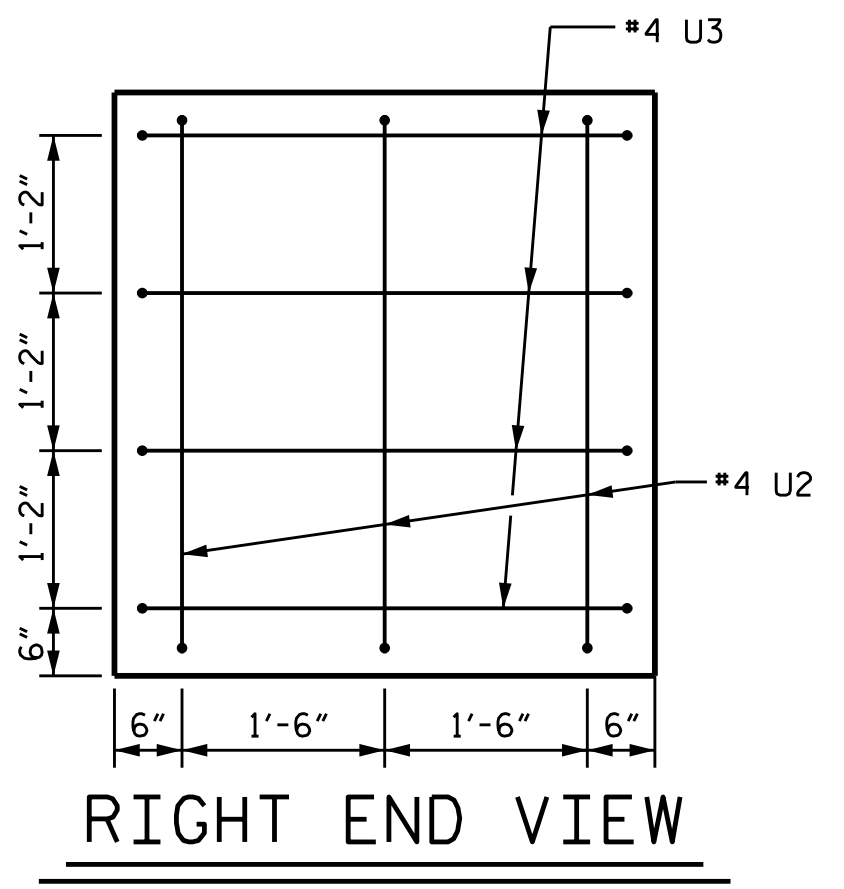


LEFT END VIEW

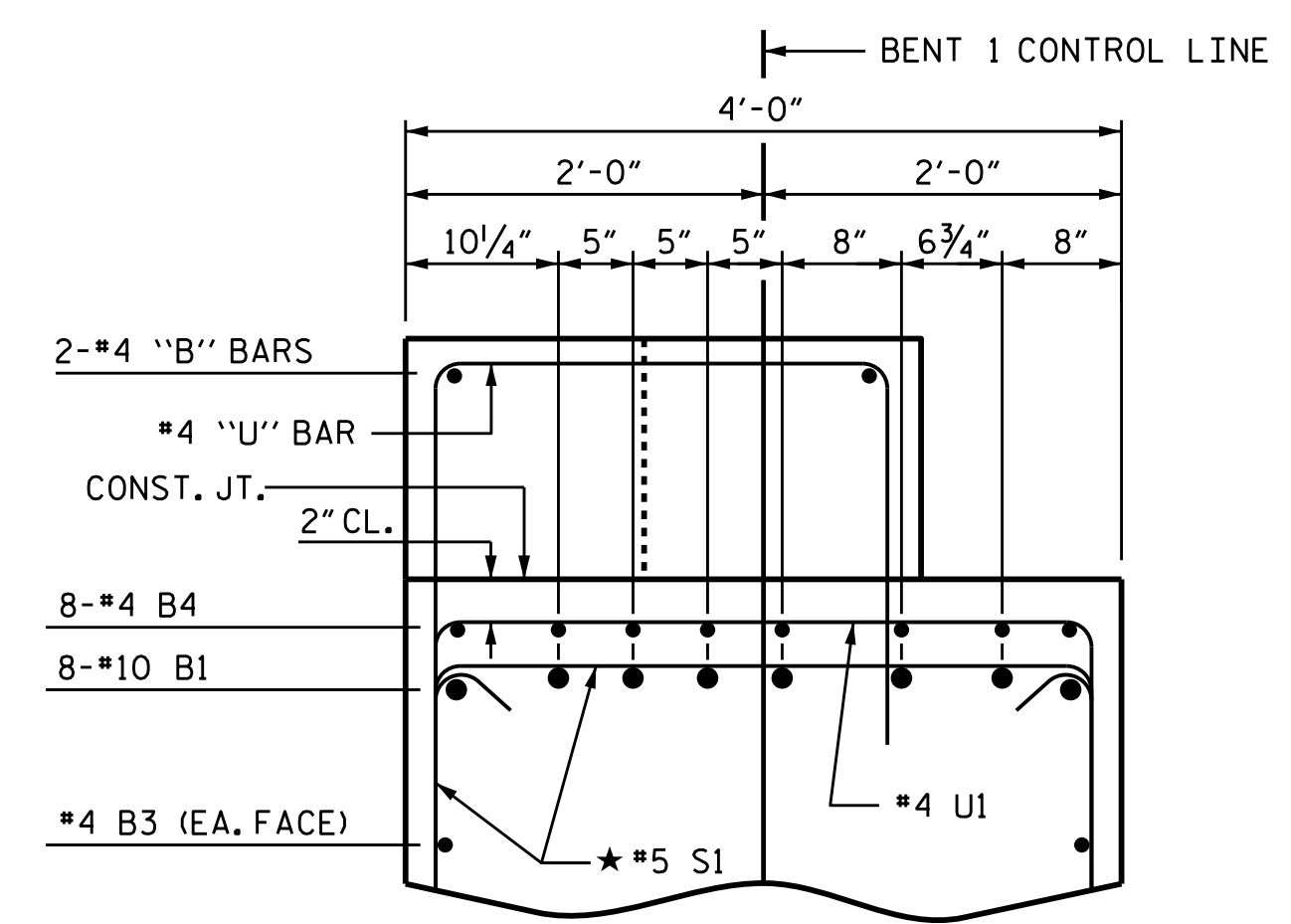


SECTION A-A

★ INVERT ALTERNATE STIRRUPS

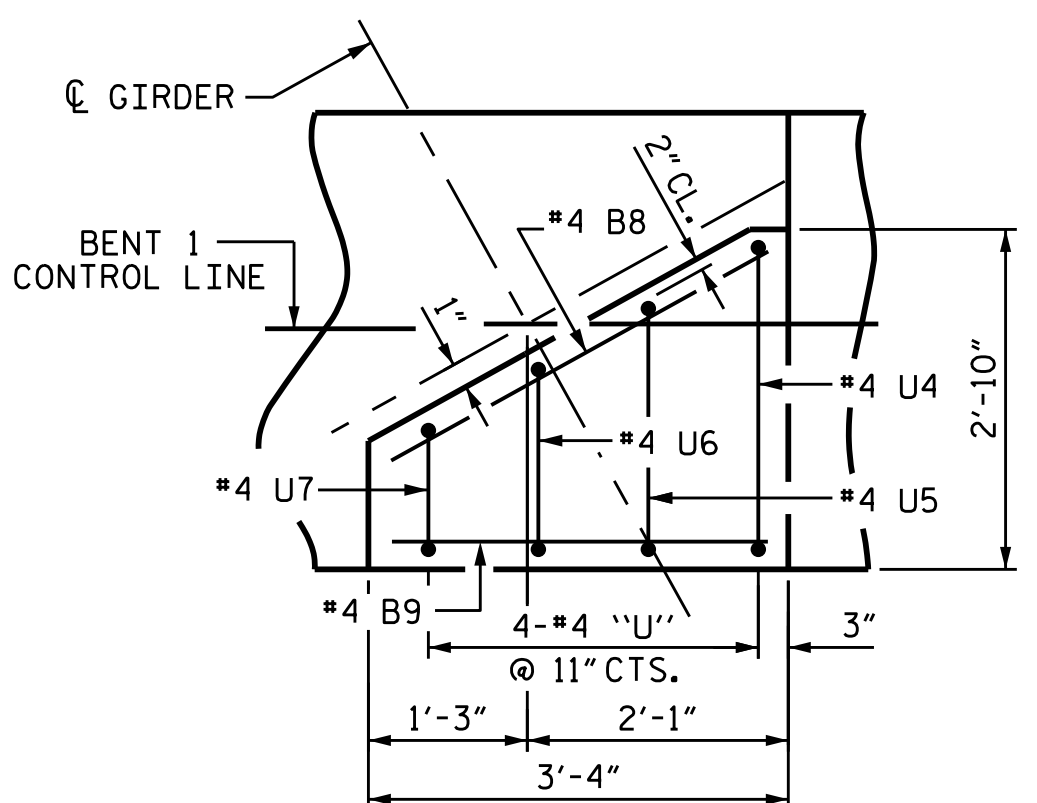


RIGHT END VIEW



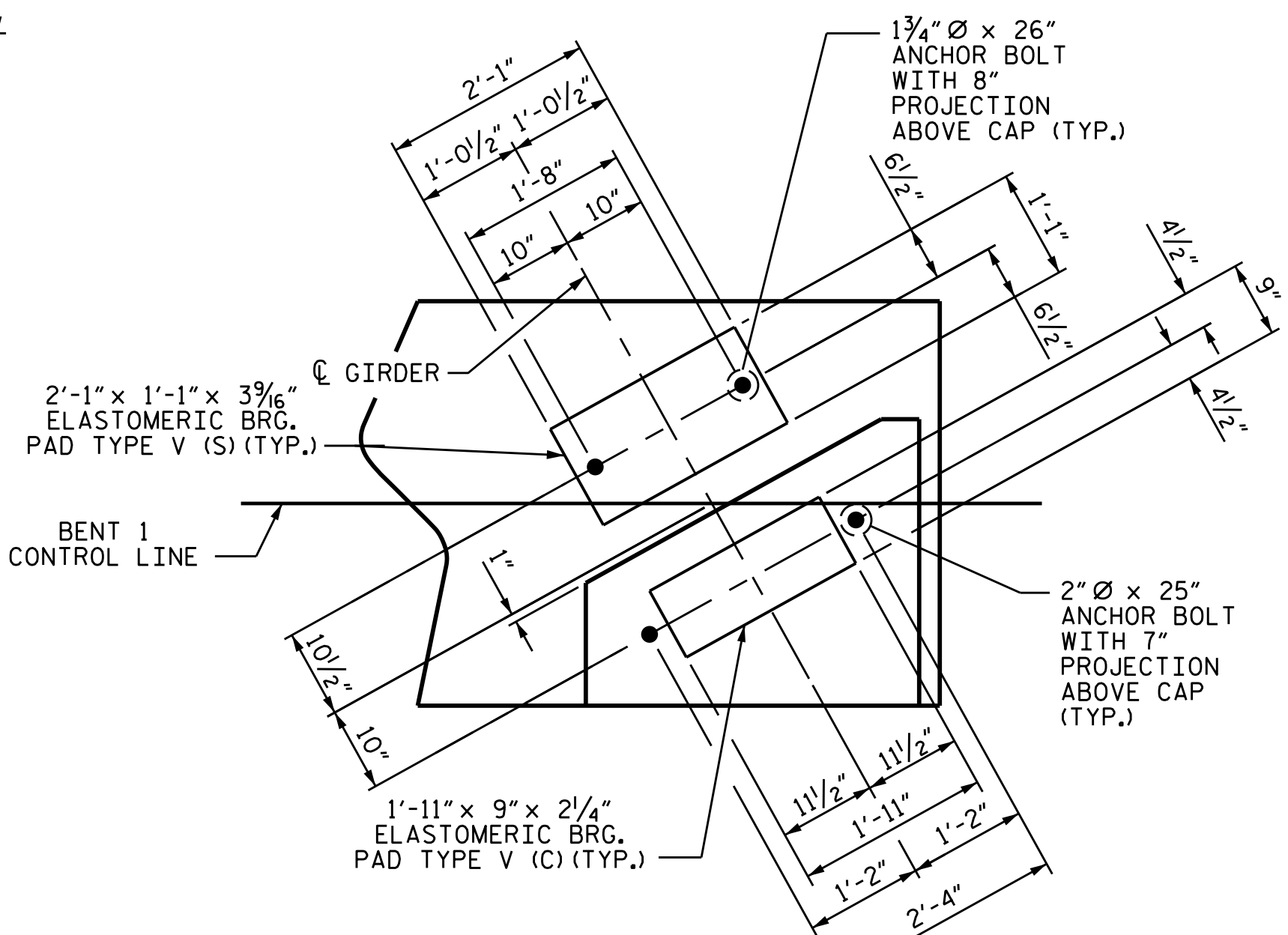
PART SECTION B-B

★ INVERT ALTERNATE STIRRUPS



BRIDGE SEAT DETAIL

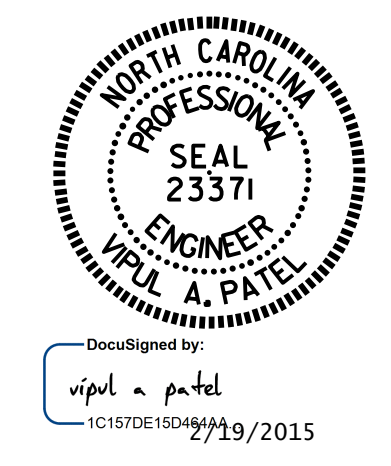
(TYP. EA. CONC. GDR. BRIDGE SEAT)



DETAIL 'A'

(TYP. EA. BRIDGE SEAT)

DRAWN BY: J.P. MCCARTHA DATE: 8/31/14
 CHECKED BY: T.H. CARROLL DATE: 10/1/14
 DESIGN ENGINEER OF RECORD: H.A. LOCKLEAR DATE: 10/1/14



PROJECT NO. B-5136
CABARRUS COUNTY
 STATION: 21+74.92 -L-
 SHEET 6 OF 6

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE					
BENT 1					
STAGE III					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS
					75