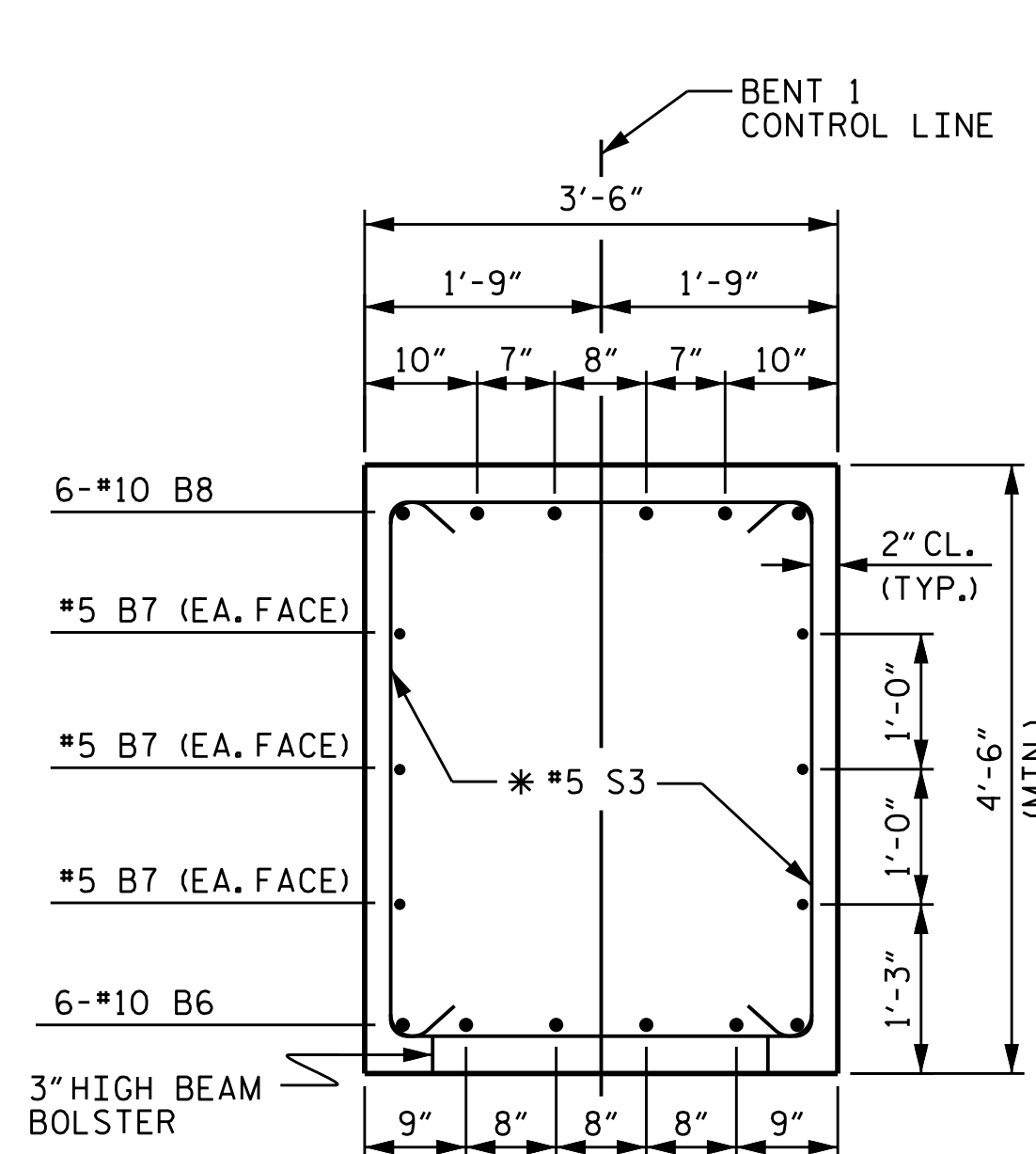


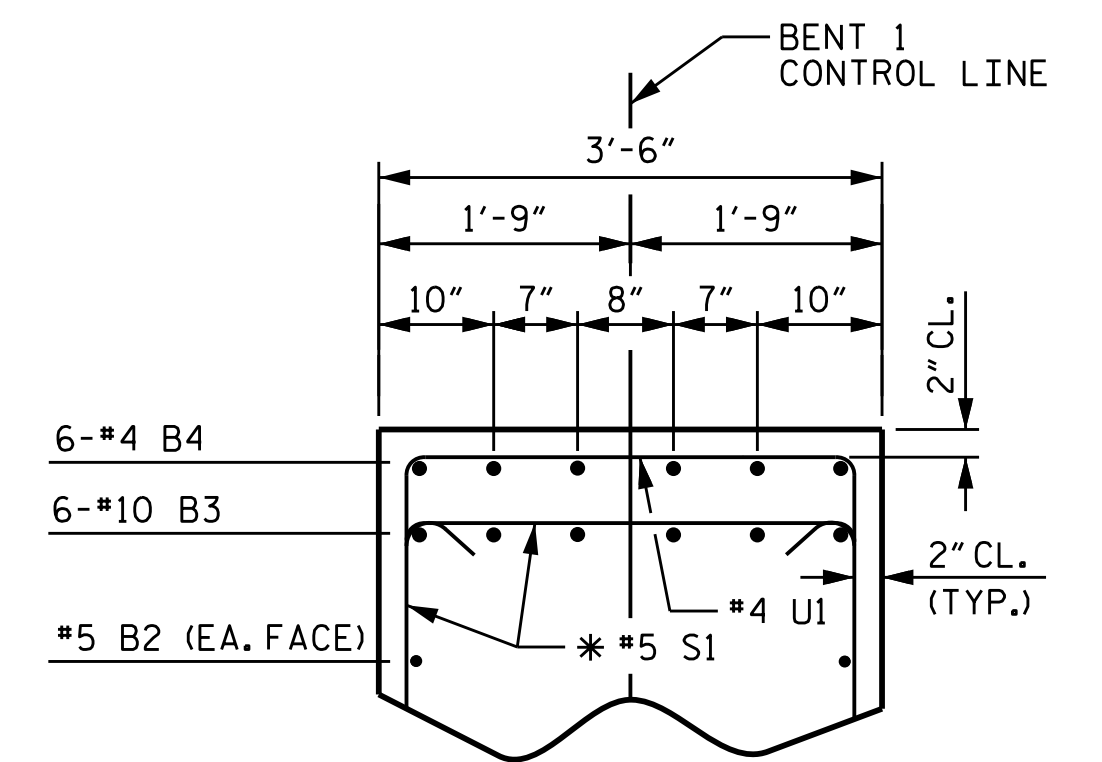
**SECTION A-A**

\* INVERT ALTERNATE STIRRUPS



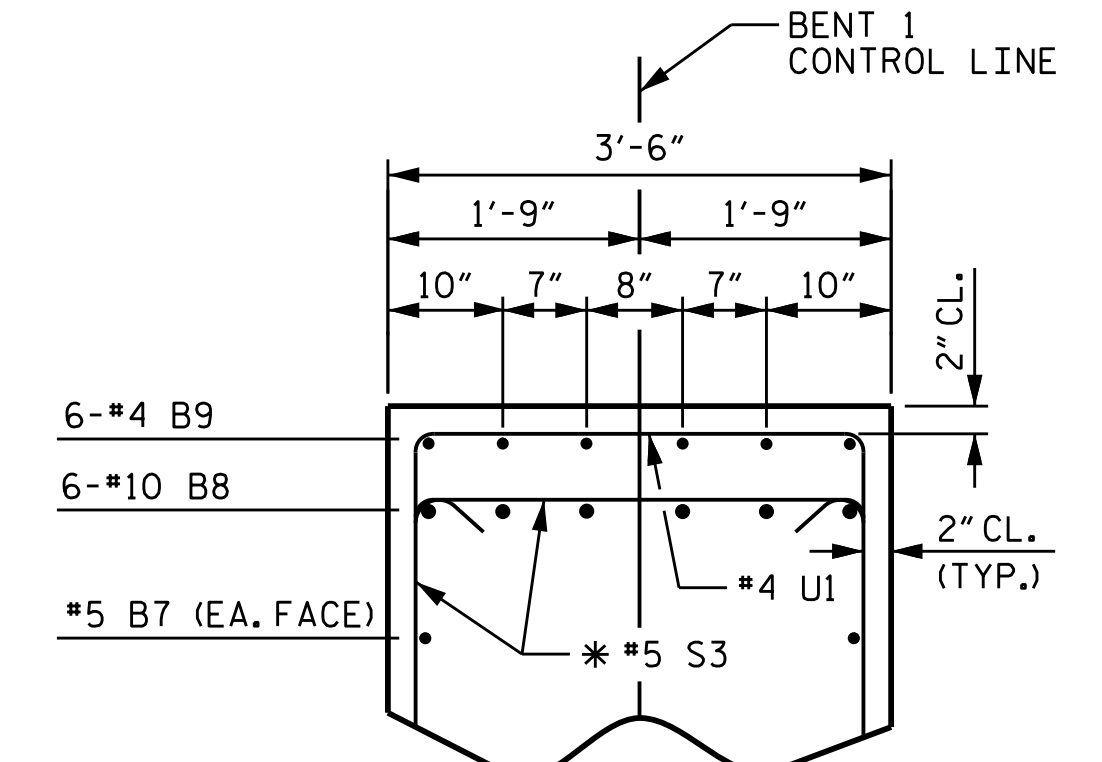
**SECTION D-D**

\* INVERT ALTERNATE STIRRUPS



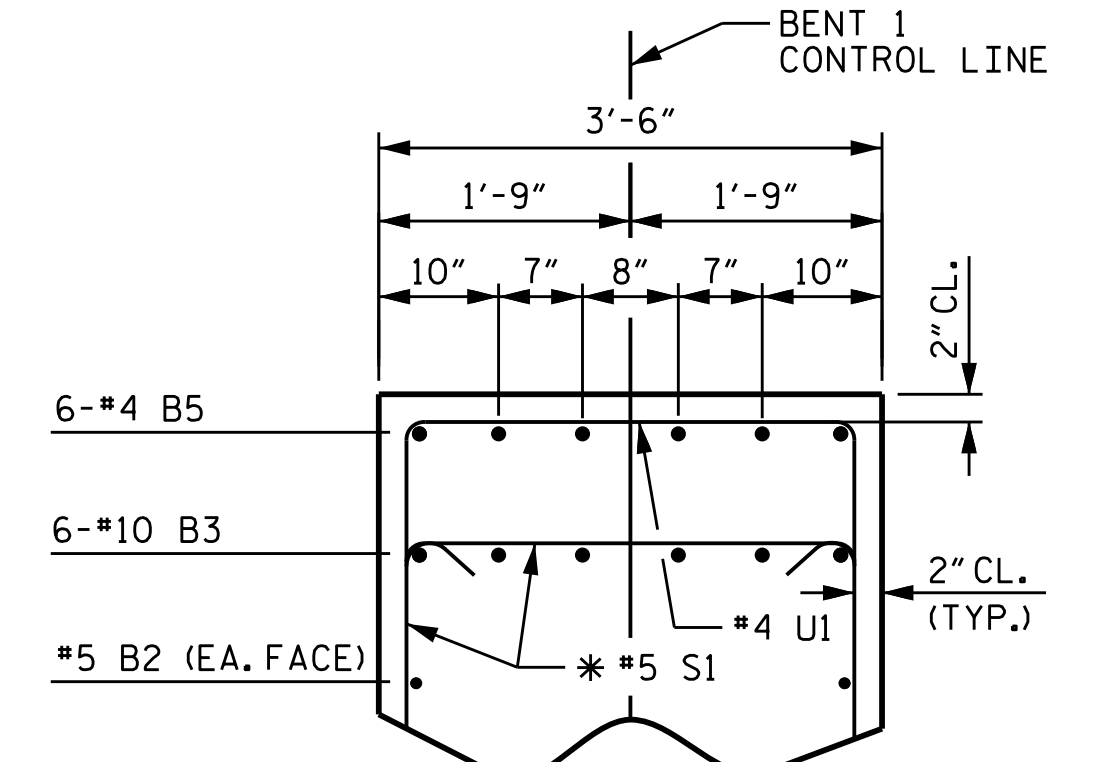
**PART SECTION B-B**

\* INVERT ALTERNATE STIRRUPS



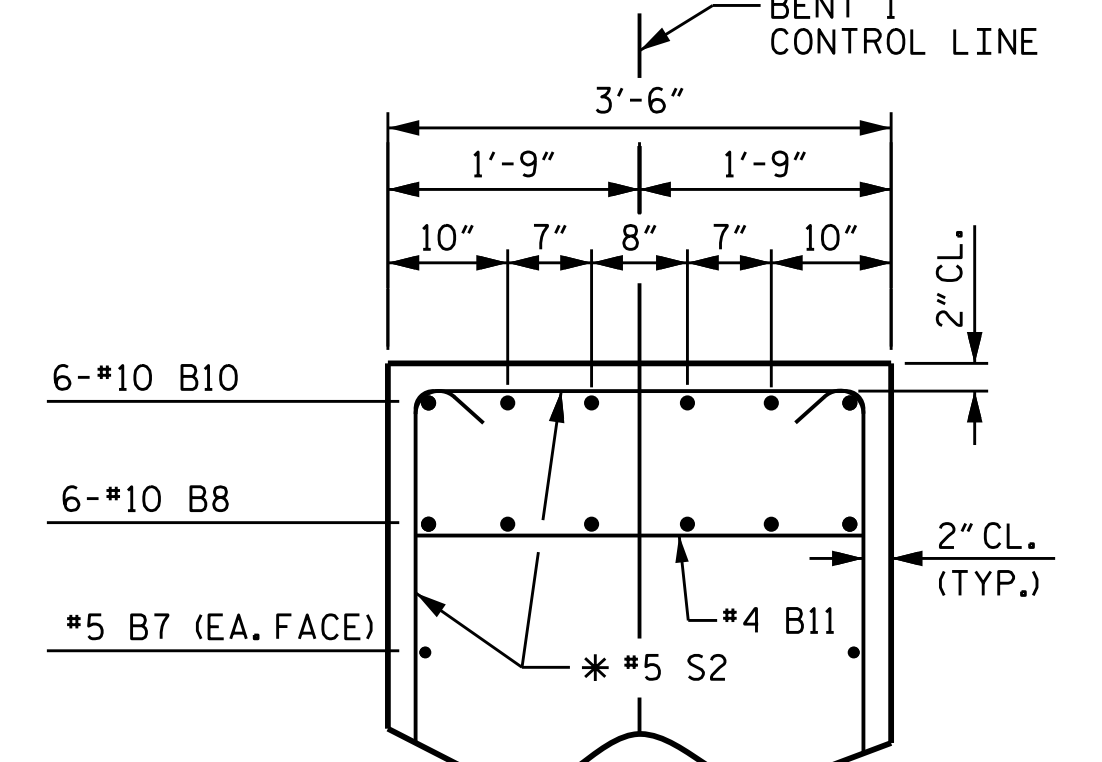
**PART SECTION E-E**

\* INVERT ALTERNATE STIRRUPS



**PART SECTION C-C**

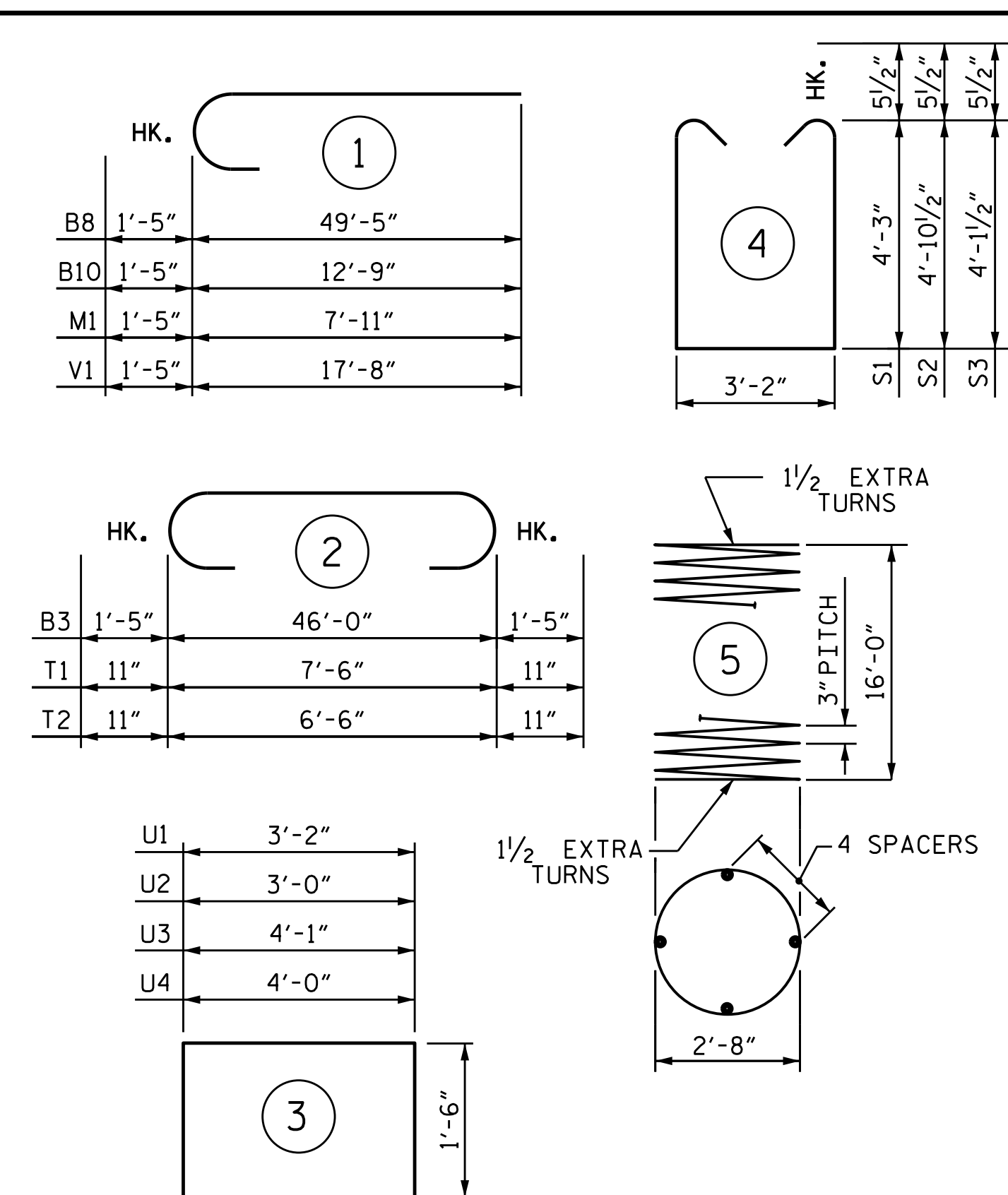
\* INVERT ALTERNATE STIRRUPS



**PART SECTION F-F**

\* INVERT ALTERNATE STIRRUPS

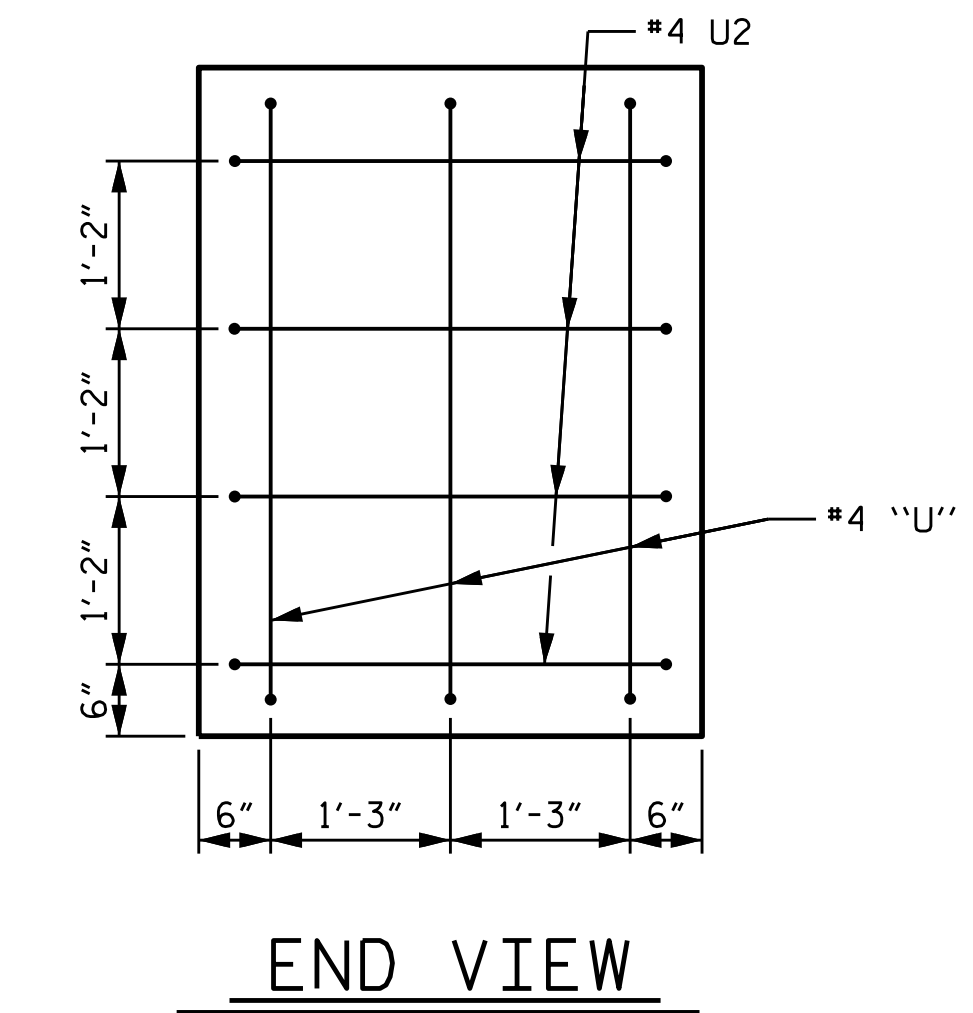
**BAR TYPES**



ALL BAR DIMENSIONS ARE OUT TO OUT.

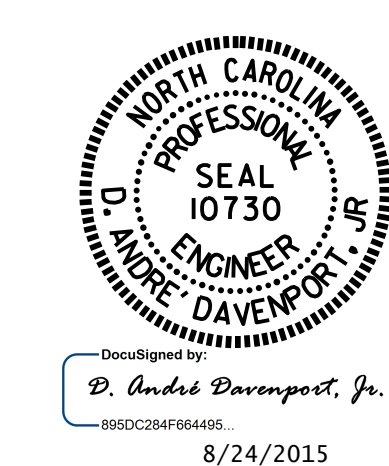
**BILL OF MATERIAL**

STAGE I					STAGE II						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	#10	STR	46'-2"	1192	B6	6	#10	STR	51'-2"	1321
B2	6	#5	STR	45'-10"	287	B7	6	#5	STR	51'-2"	320
B3	6	#10	2	48'-10"	1261	B8	6	#10	1	50'-10"	1312
B4	6	#4	STR	16'-10"	67	B9	6	#4	STR	18'-10"	75
B5	6	#4	STR	11'-10"	47	B10	6	#10	1	14'-2"	366
						B11	2	#4	STR	3'-2"	4
D1	6	#6	STR	2'-0"	18						
						M1	24	#10	1	9'-4"	964
M1	24	#10	1	9'-4"	964	S2	19	#5	4	13'-10"	274
S1	74	#5	4	12'-7"	971	S3	65	#5	4	12'-4"	836
T1	36	#8	2	9'-4"	897	T1	36	#8	2	9'-4"	897
T2	27	#8	2	8'-4"	601	T2	27	#8	2	8'-4"	601
T3	24	#6	STR	7'-6"	270	T3	24	#6	STR	7'-6"	270
T4	27	#6	STR	6'-6"	264	T4	27	#6	STR	6'-6"	264
U1	45	#4	3	6'-2"	185	U1	44	#4	3	6'-2"	181
U2	4	#4	3	6'-0"	16	U2	4	#4	3	6'-0"	16
U3	3	#4	3	7'-1"	14	U4	3	#4	3	7'-0"	14
V1	24	#10	1	19'-1"	1971	V1	24	#10	1	19'-1"	1971
REINFORCING STEEL					LBS. 9,025	REINFORCING STEEL					LBS. 9,686
SP-1	3	**	5	551'-9"	1,106	SP-1	3	**	5	551'-9"	1,106
SPIRAL COLUMN REINFORCING STEEL					LBS. 1,106	SPIRAL COLUMN REINFORCING STEEL					LBS. 1,106
** THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W-20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.						** THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W-20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.					
CLASS A CONCRETE BREAKDOWN:						CLASS A CONCRETE BREAKDOWN:					
POUR #1 - FOOTINGS	C.Y.	18.7				POUR #1 - FOOTINGS	C.Y.	18.7			
POUR #2 - COLUMNS	C.Y.	12.4				POUR #2 - COLUMNS	C.Y.	12.4			
POUR #3 - CAP	C.Y.	30.2				POUR #3 - CAP	C.Y.	32.9			
TOTAL CLASS A CONCRETE	C.Y.	61.3				TOTAL CLASS A CONCRETE	C.Y.	64.0			
HP 12X53 STEEL PILES						HP 12X53 STEEL PILES					
No. 15	LIN. FT.	225				No. 15	LIN. FT.	300			
FOUNDATION EXCAVATION FOR BENT	LUMP SUM					FOUNDATION EXCAVATION FOR BENT	LUMP SUM				



**END VIEW**

PROJECT NO. B-3159  
DAVIDSON COUNTY  
 STATION: 13+41.72 -L-  
 SHEET 4 OF 4



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUBSTRUCTURE BENT 1									
REVISIONS									
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.			
1			3			S-34			
2			4			TOTAL SHEETS 43			

DRAWN BY : J. K. BOWLES DATE : 6/1/15  
 CHECKED BY : N. D'AIUTO DATE : 6/2/15  
 DESIGN ENGINEER OF RECORD : R. P. PATEL DATE : 6/6/15