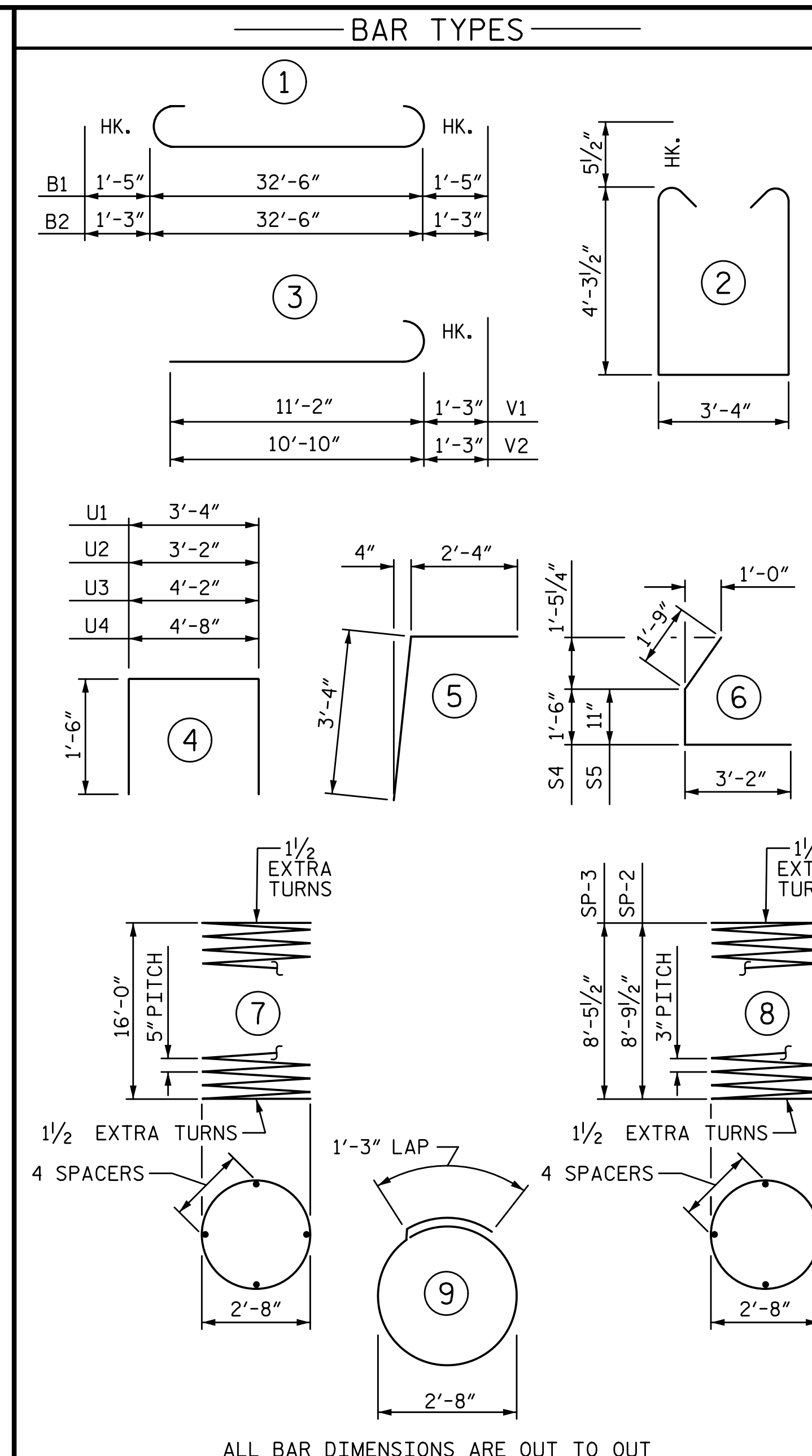
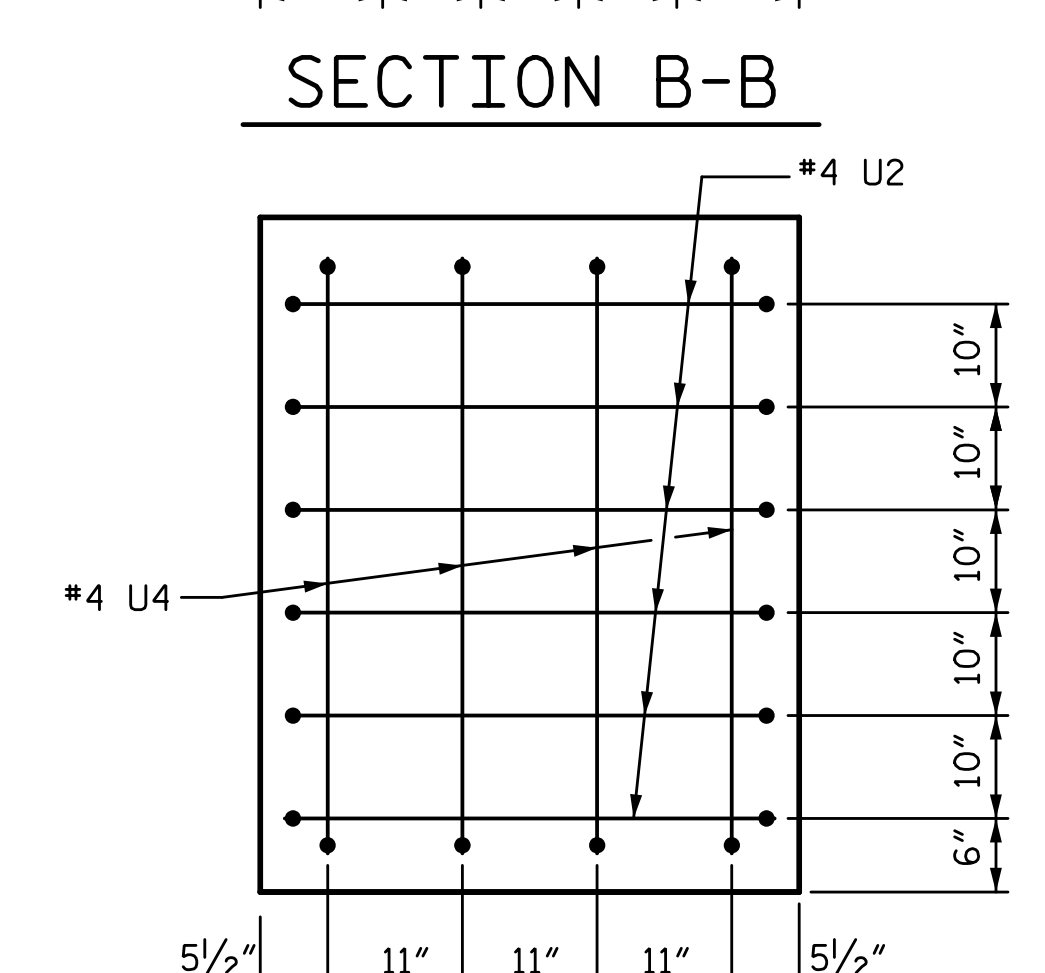
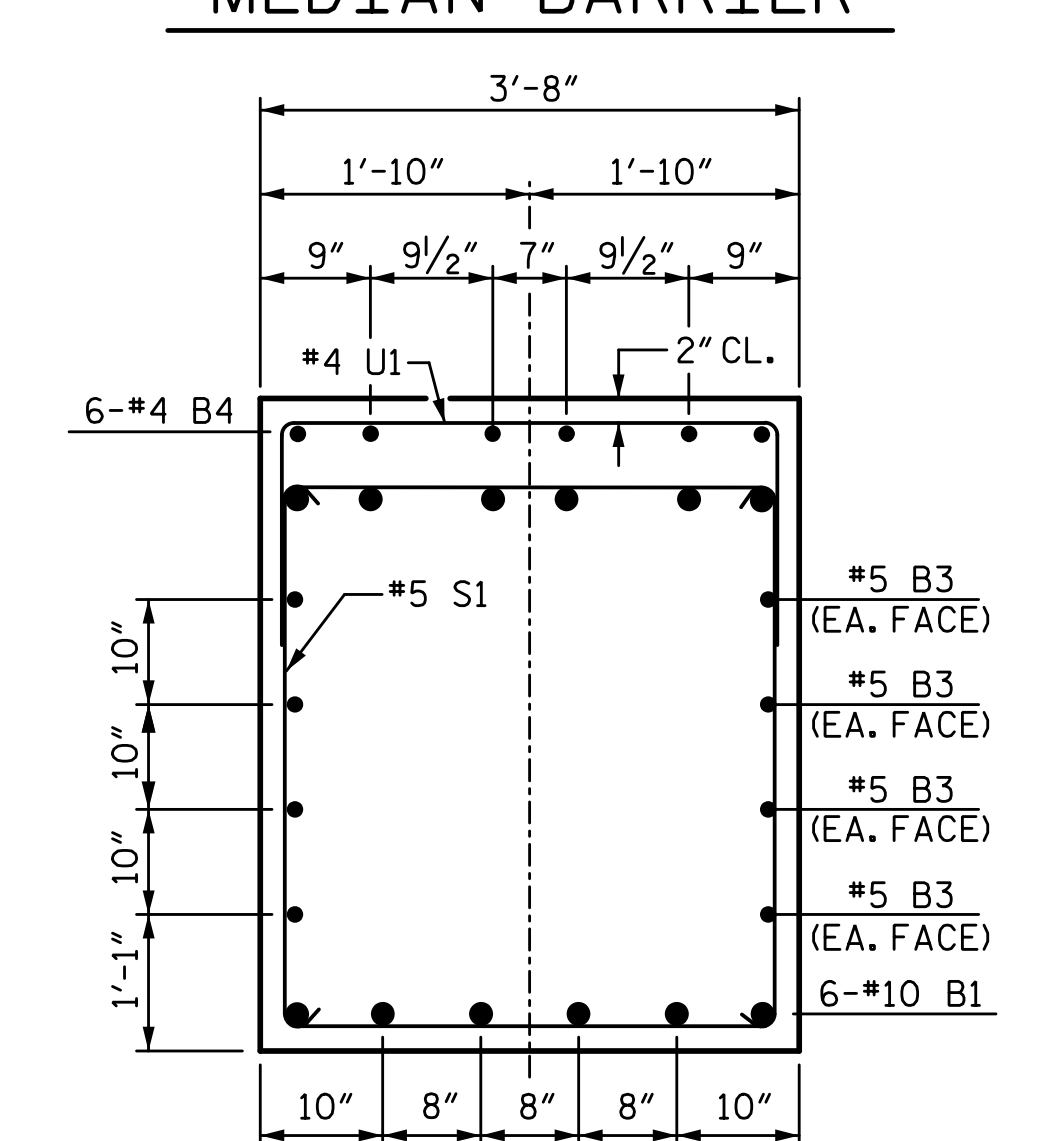
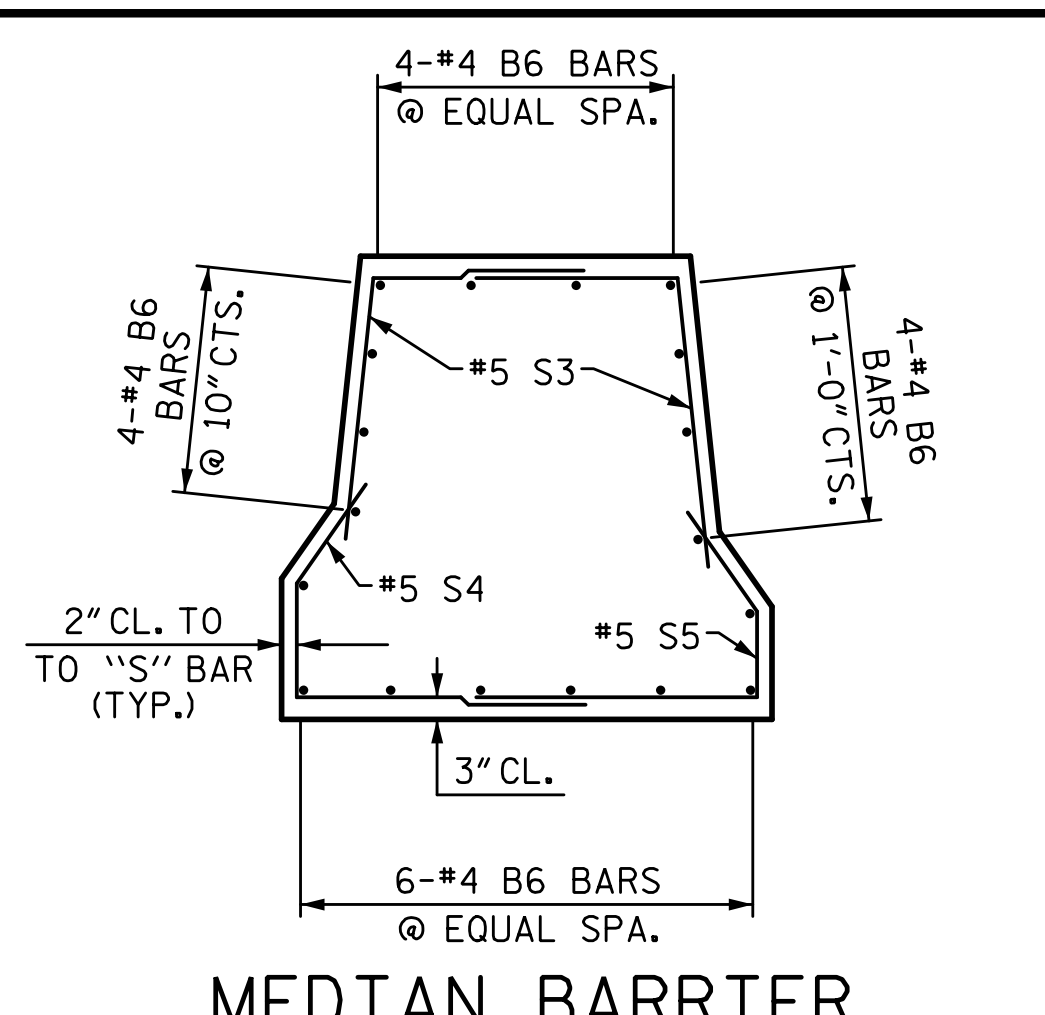
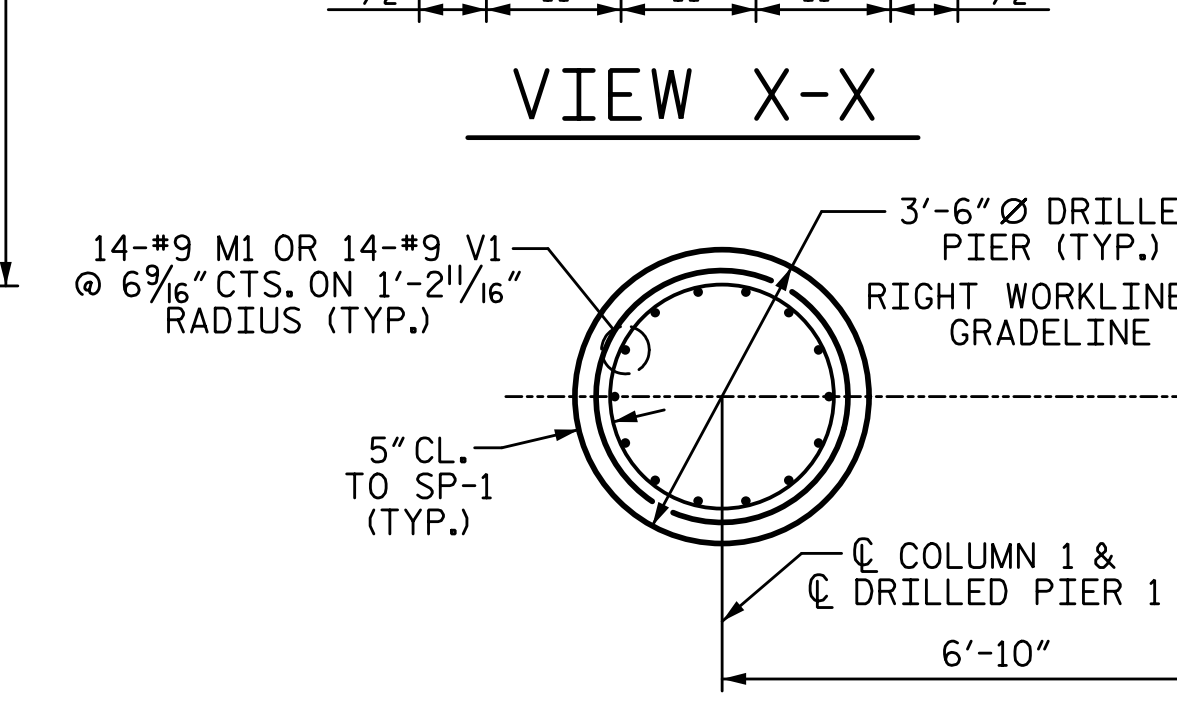
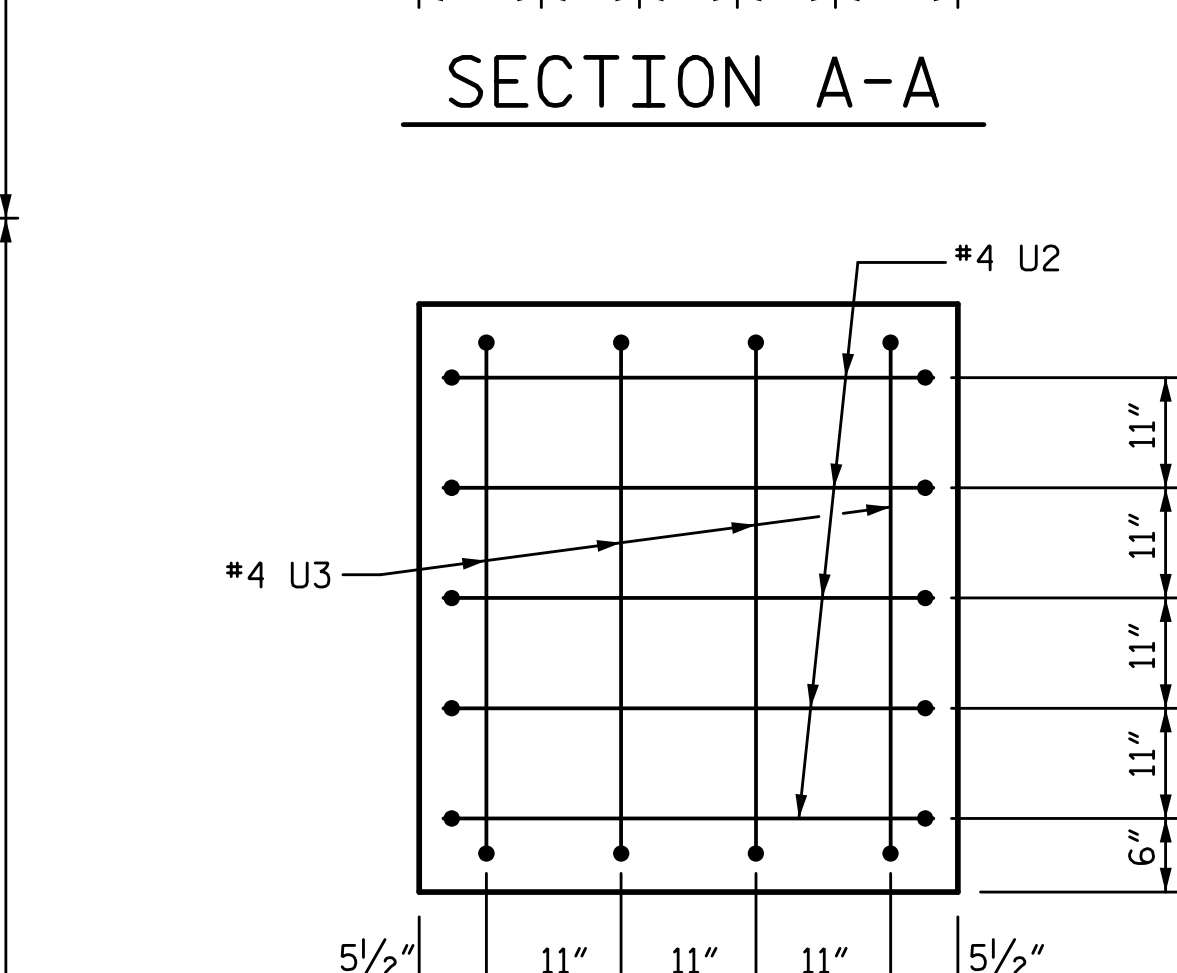
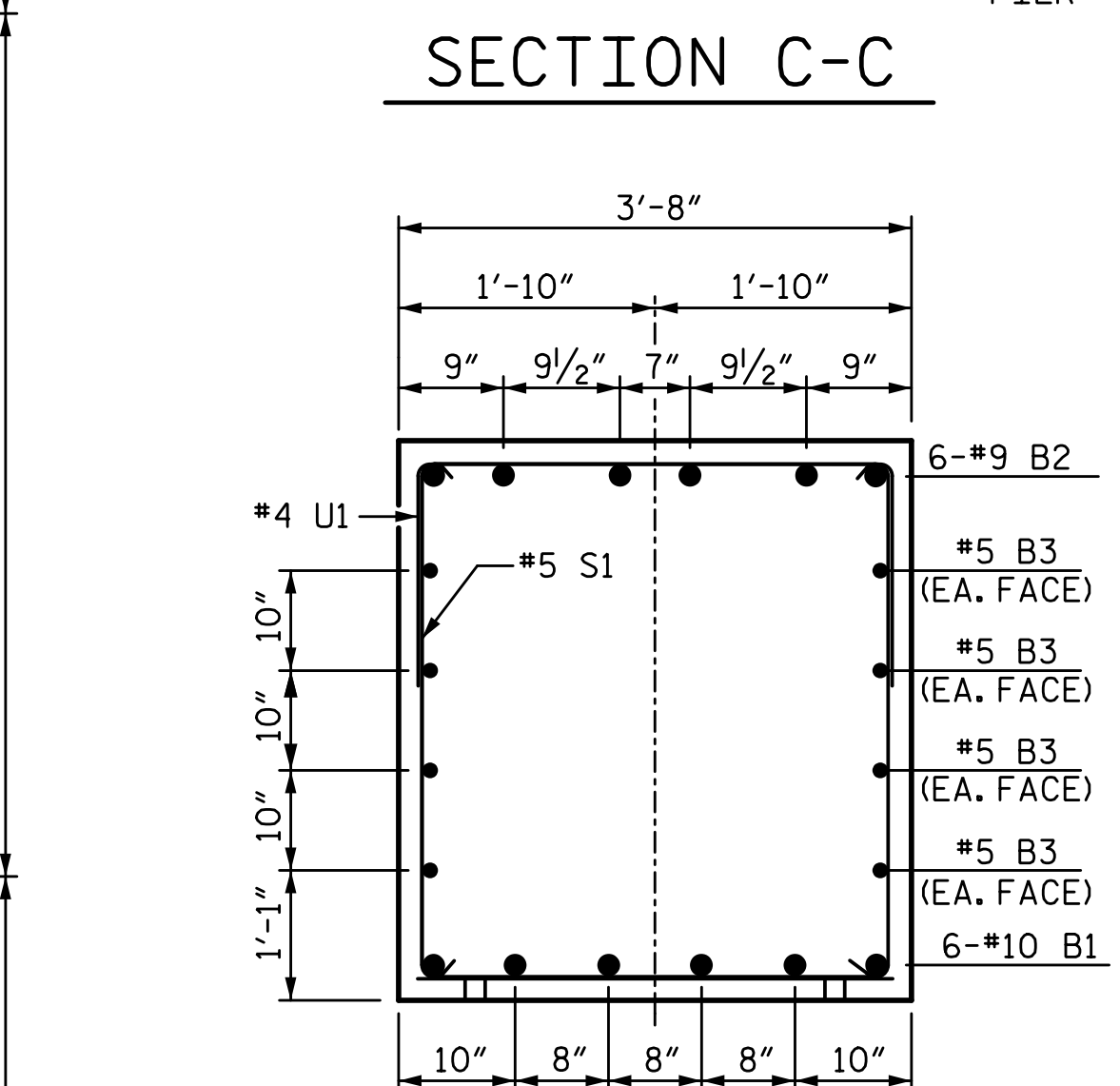
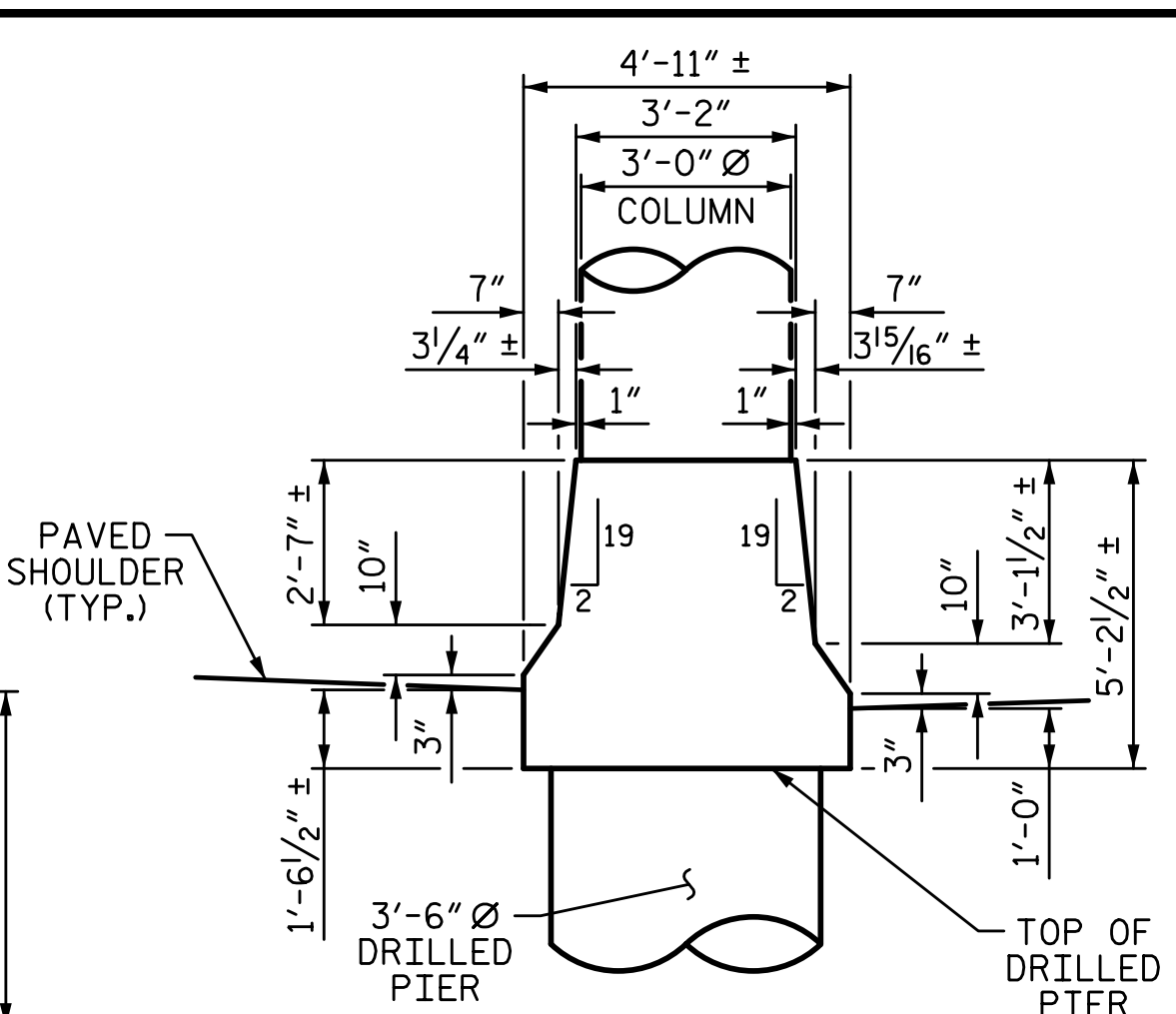
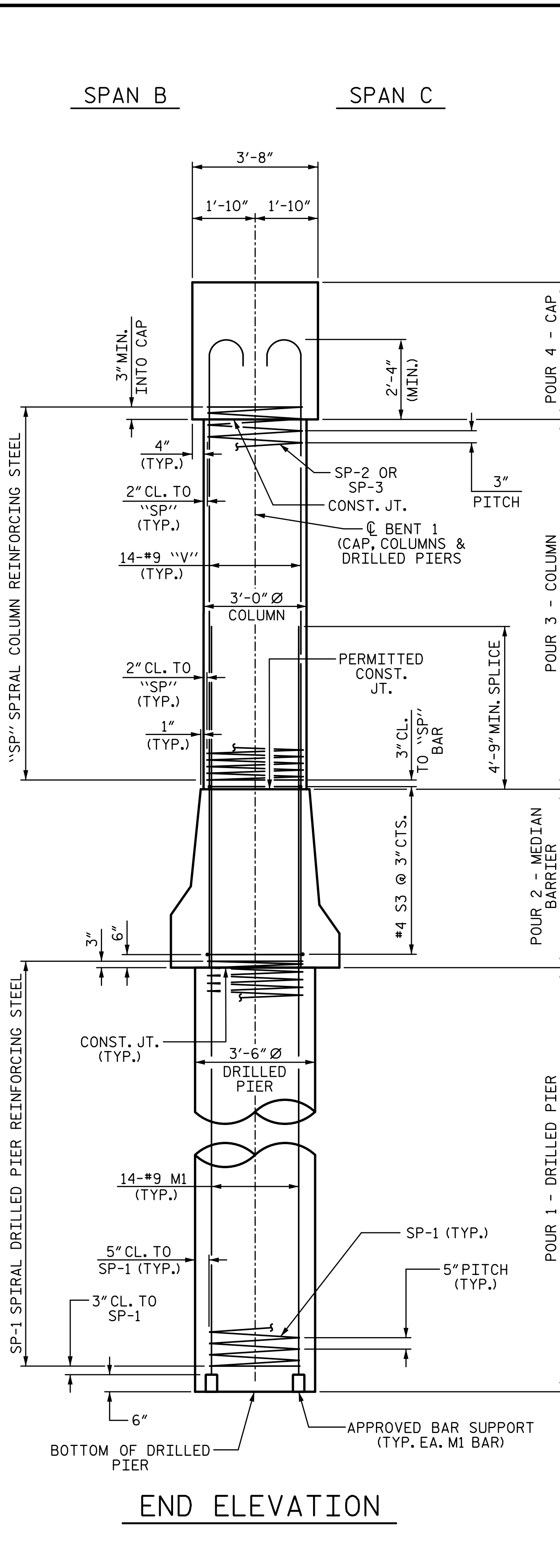


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ALL BAR DIMENSIONS ARE OUT TO OUT

* 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.

BILL OF MATERIAL					
BENT 2					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	#6		35'-4"	912	
B2	#9		35'-0"	714	
B3	#5	STR	32'-8"	273	
B4	#4	STR	10'-6"	42	
B5	#4	STR	7'-4"	29	
B6	#4	STR	17'-9"	427	
M1	#9	STR	29'-0"	2761	
S1	#5		12'-10"	656	
S2	#4		9'-8"	258	
S3	#5		5'-6"	390	
S4	#5		6'-5"	228	
S5	#5		5'-8"	201	
U1	#4		6'-4"	140	
U2	#4		6'-2"	45	
U3	#4		7'-2"	19	
U4	#4		7'-8"	20	
V1	#9		12'-5"	591	
V2	#9		12'-1"	575	
SP-1	*		345'-6"	721	
SP-2	*		321'-10"	215	
SP-3	*		305'-4"	204	
REINFORCING STEEL					8281 LB
SPIRAL COL. REINF. STEEL					1140 LB
CLASS "A" CONCRETE BREAKDOWN					
POUR 2 (MEDIAN BARRIER)					26.0 CY
POUR 3 (COLUMNS)					4.6 CY
POUR 4 (CAP)					22.1 CY
TOTAL					52.6 CY
DRILLED PIERS:					
DRILLED PIER CONCRETE					
POUR 1 (DRILLED PIERS)					11.8 CY
3'-6" Ø DRILLED PIER NOT IN SOIL					16 LF
3'-6" Ø DRILLED PIER IN SOIL					17 LF
CSL TUBES					144 LF

PROJECT NO. I-5711

ALAMANCE COUNTY

STATION: STA. 27+02.26 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUBSTRUCTURE					
BENT 2					
RIGHT WIDENING					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

DRAWN BY: S.D. COOPER DATE: 1-20

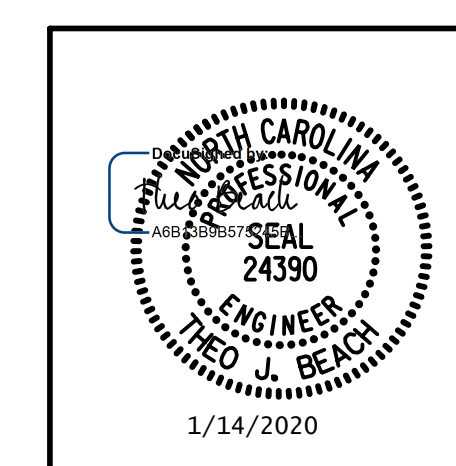
CHECKED BY: T. BEACH DATE: 1-20

DESIGN ENGINEER OF RECORD: T. BEACH DATE: 1-20

PLANS PREPARED BY:

SEA & ASSOCIATES

5640 Dillard Drive
Suite 200
Cary, NC 27518
(919) 852-0468
(919) 852-0538 (Fax)
www.simpsonengr.com
LICENSURE NO. C-2521



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

SHEET NO. S-55

TOTAL SHEETS 89