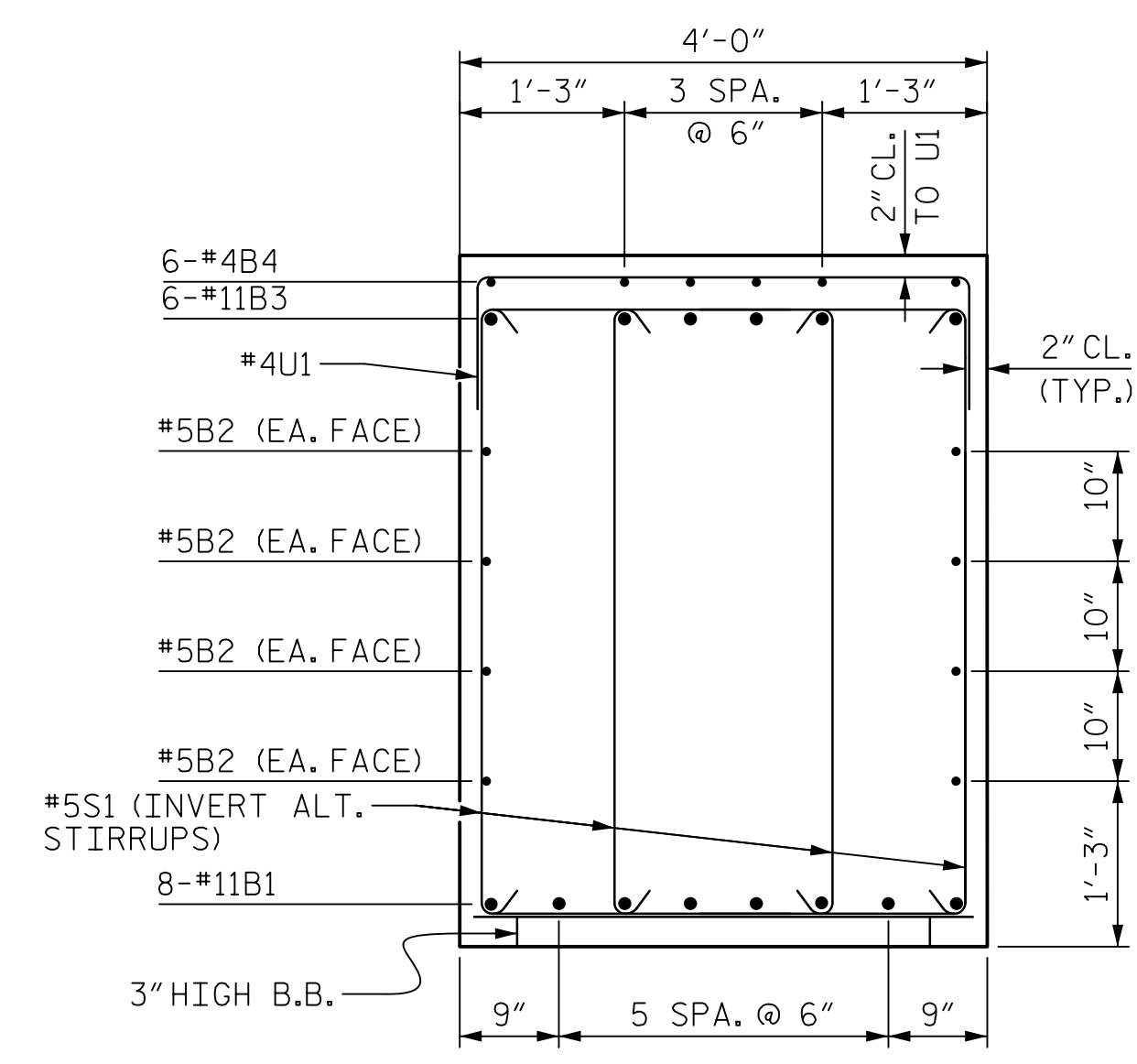
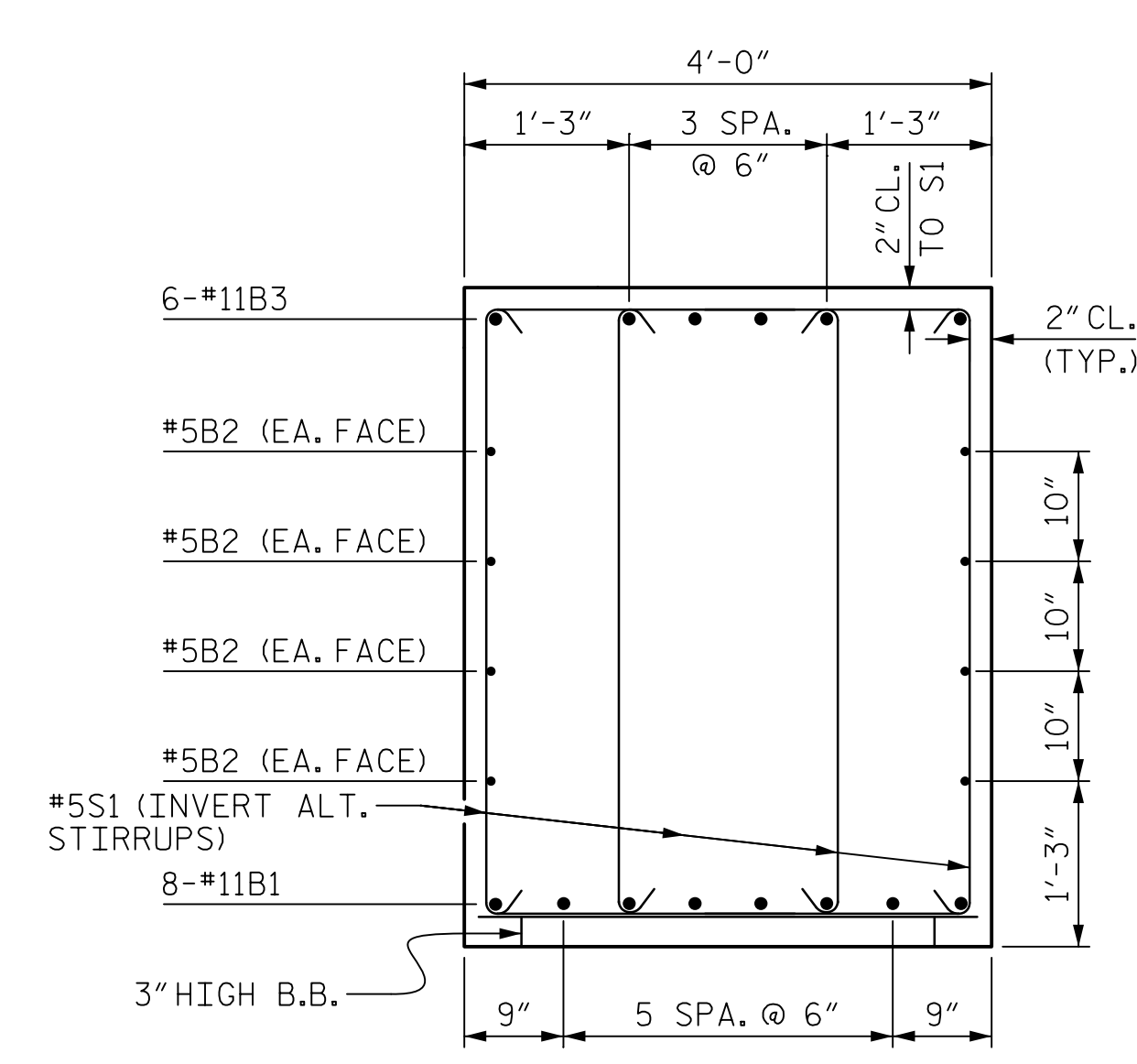


DATE: 6/20/2019
TIME: 6:03:59 PM

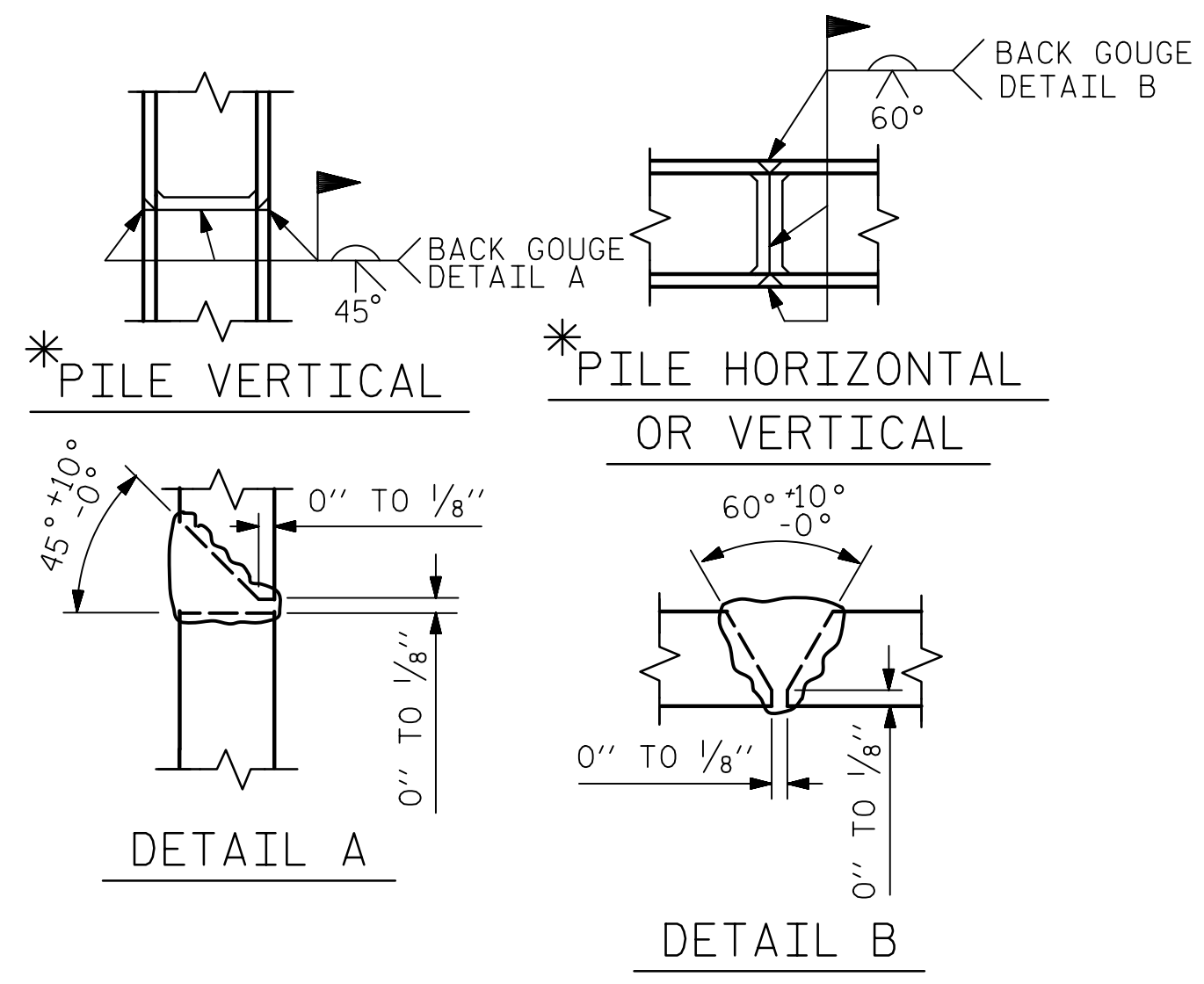
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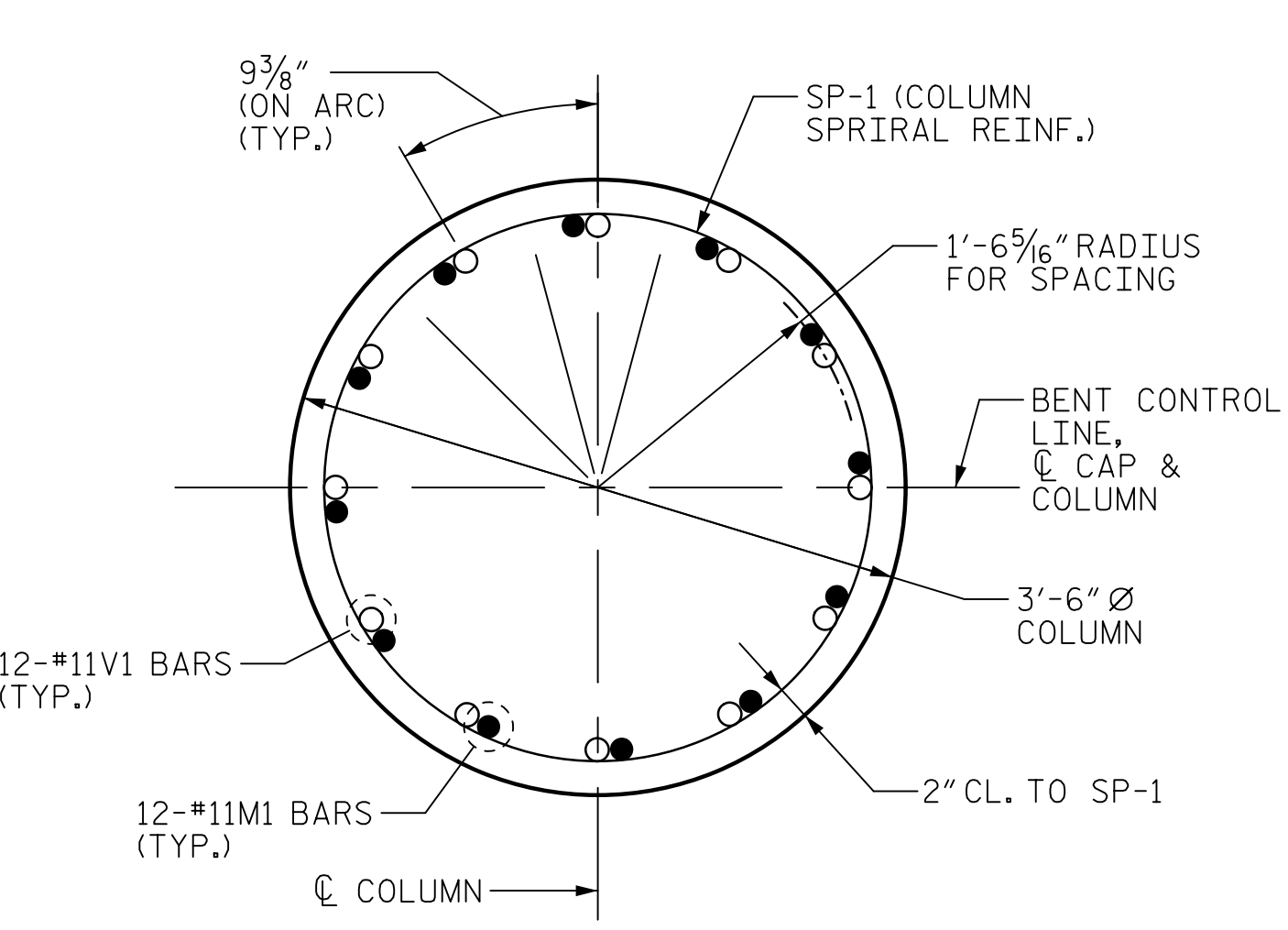
SECTION B-B



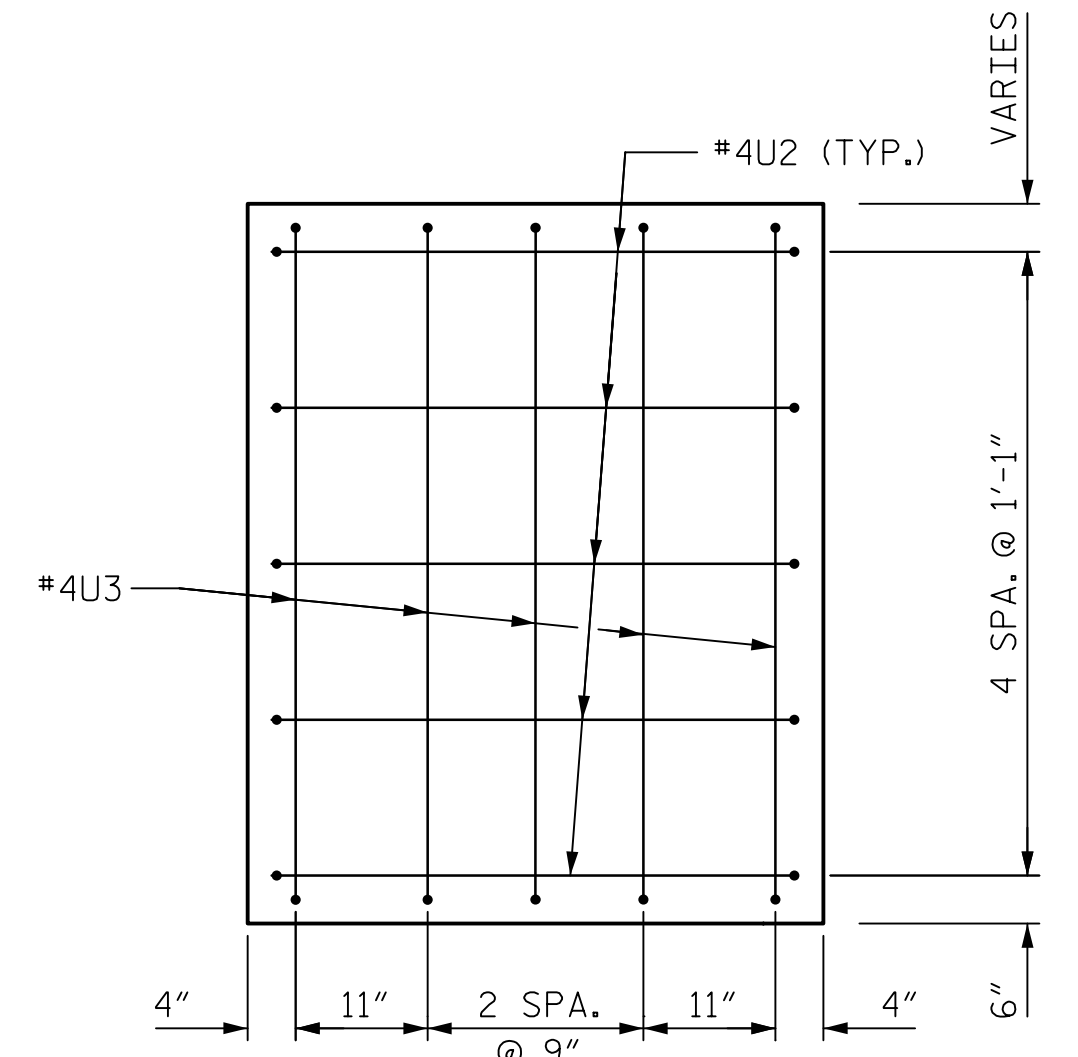
SECTION C-C



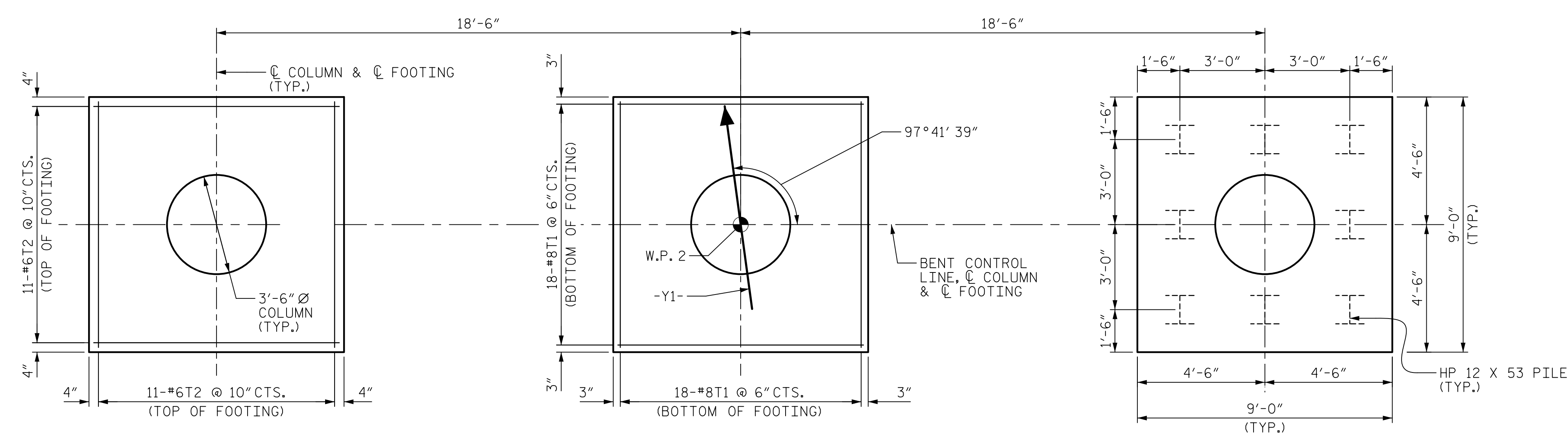
PILE SPLICE DETAILS
* POSITION OF PILE DURING WELDING.



SECTION THRU COLUMN

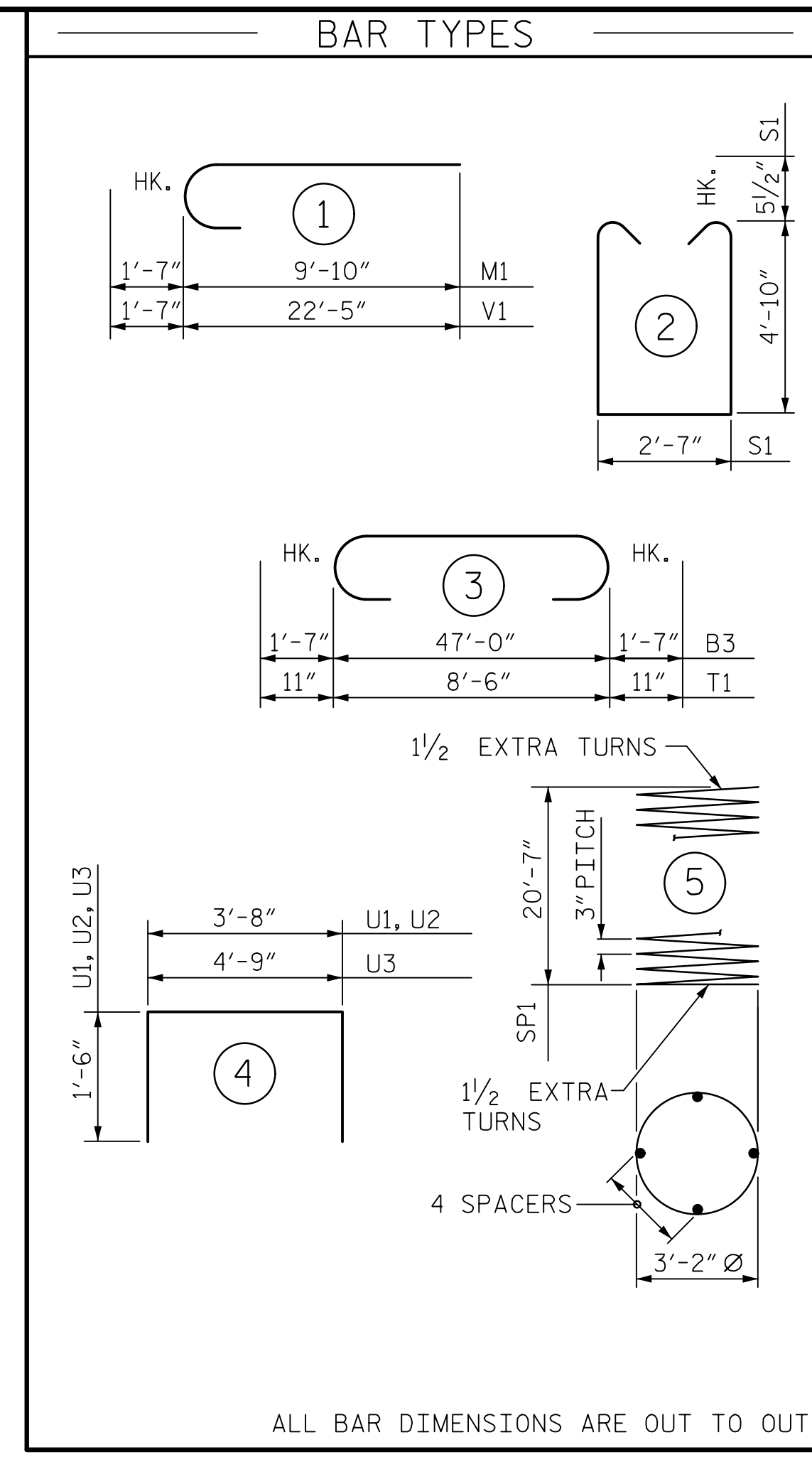


CAP END VIEW



PLAN OF FOOTINGS & COLUMNS

DIMENSIONS & REINFORCING STEEL ARE TYPICAL FOR EACH COLUMN AND FOOTING.



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL					
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	11	STR	47'-0"	1998
B2	6	5	STR	47'-0"	294
B3	6	11	3	50'-2"	1599
B4	6	4	STR	25'-4"	102
B5	6	4	STR	4'-0"	16
M1	36	11	1	11'-5"	2184
S1	156	5	2	13'-2"	2142
T1	108	8	3	10'-4"	2980
T2	66	6	STR	8'-6"	843
U1	49	4	4	6'-8"	218
U2	10	4	4	6'-8"	45
U3	10	4	4	7'-10"	52
V1	36	11	1	24'-0"	4590
REINFORCING STEEL					17,063 LBS.
SP-1	3	*	5	838'-0"	1679
SPIRAL COLUMN REINFORCING STEEL					1679 LBS.
* THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR					
CLASS A CONCRETE BREAKDOWN					
POUR #1 (FOOTINGS)					31.5 C.Y.
POUR #2 (COLUMNS)					21.7 C.Y.
POUR #3 (CAP)					38.3 C.Y.
TOTAL CLASS A CONCRETE					91.5 C.Y.
HP 12 X 53 STEEL PILES					
NO. = 24					720 LIN. FT.
STEEL PILE POINTS					24 EA.
PILE DRIVE EQUIPMENT SETUP					
NO. = 24					

PROJECT NO. B-5980
NASH COUNTY
STATION: 42+56.82 -Y1-
SHEET 2 OF 2

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6/21/2019
NORTH CAROLINA PROFESSIONAL SEAL 030474
ENGINEER JOHN C. MORRISON
John C. Morrison
A2FDE142C82F4A8

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT 1

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-26
TOTAL SHEETS 33

DRAWN BY: K.J. MUENCH DATE: 12/2018
CHECKED BY: J.C. MORRISON DATE: 12/2018
DESIGNED BY: T.B. STUMP DATE: 12/2018
DESIGN CHECKED BY: J.C. MORRISON DATE: 12/2018

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED