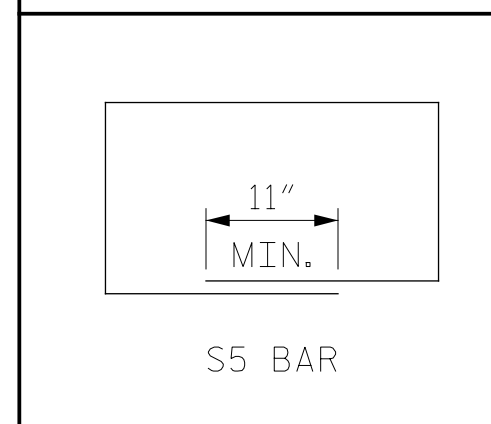
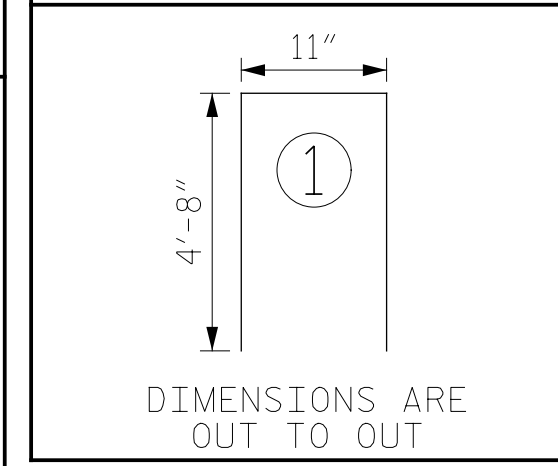


FIELD BEND CHART

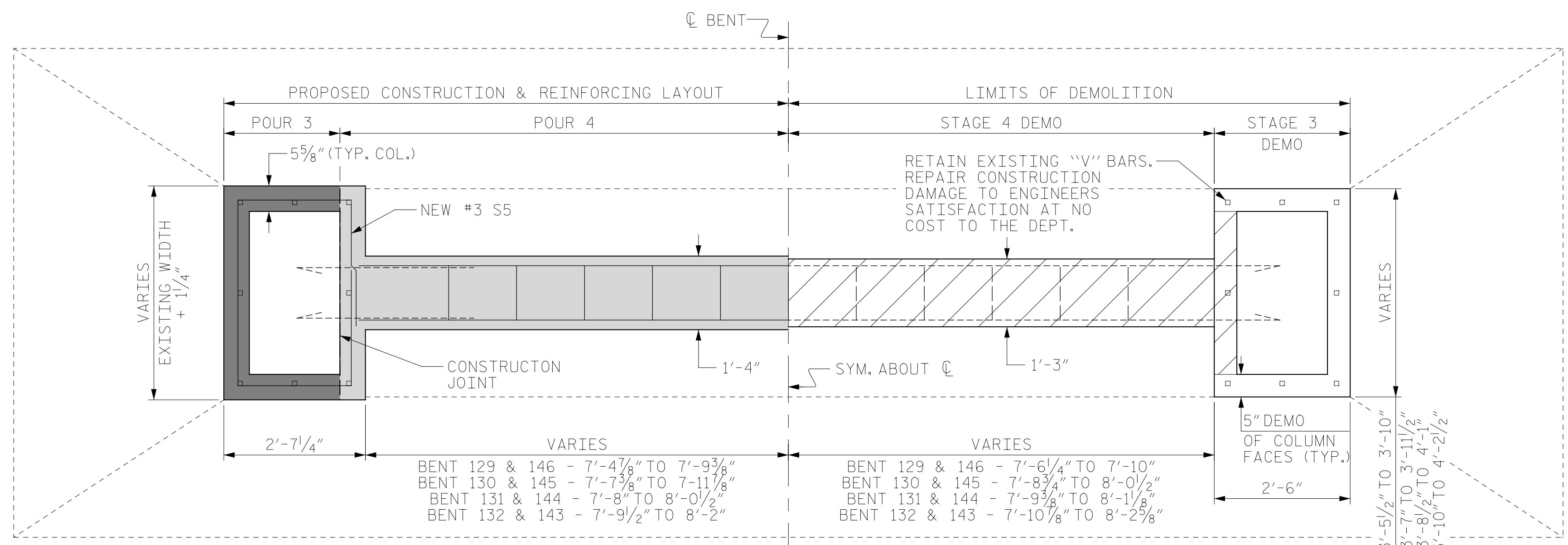


- BAR TYPES -

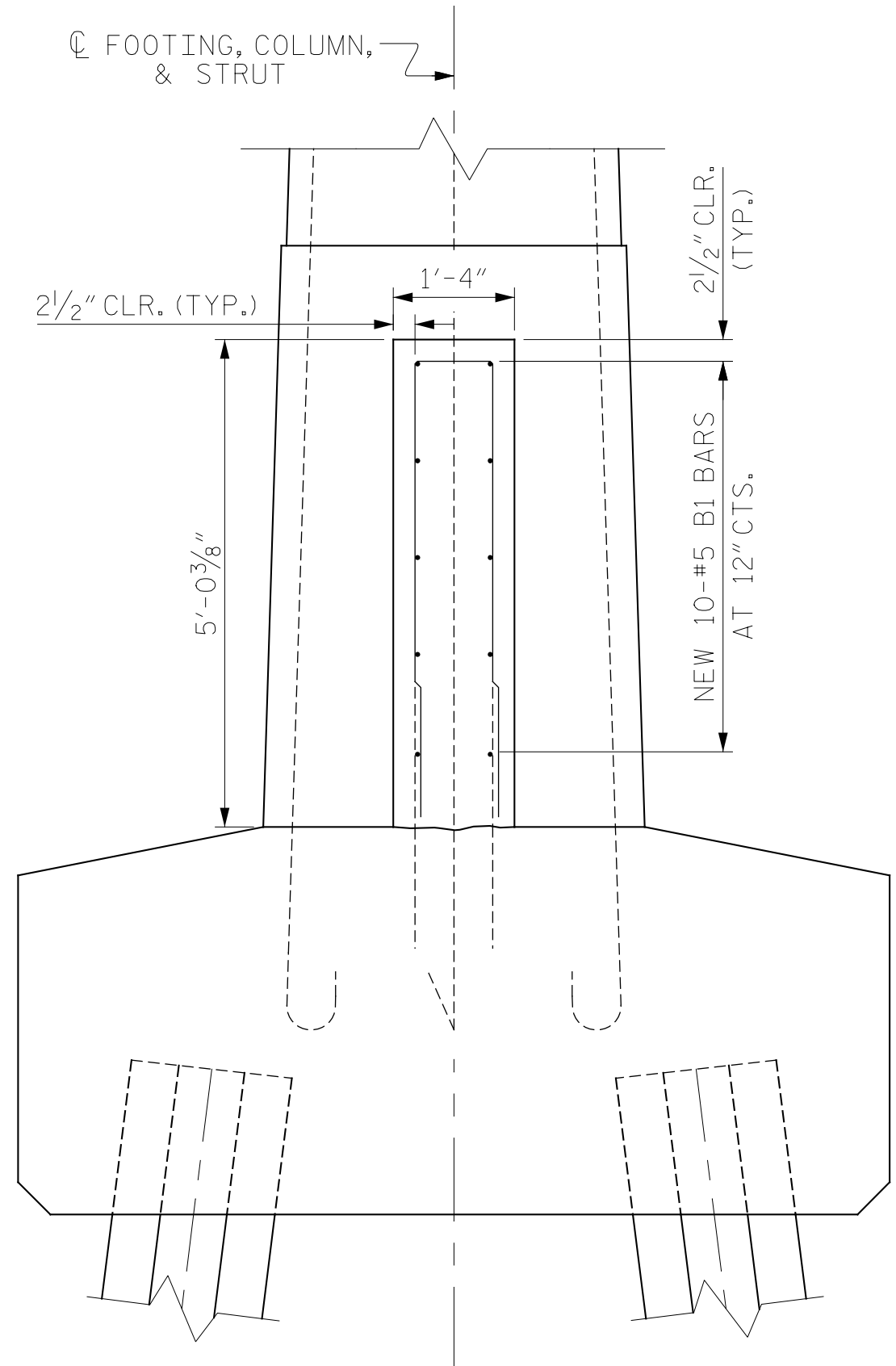


STRUT & COLUMN BILL OF MATERIAL

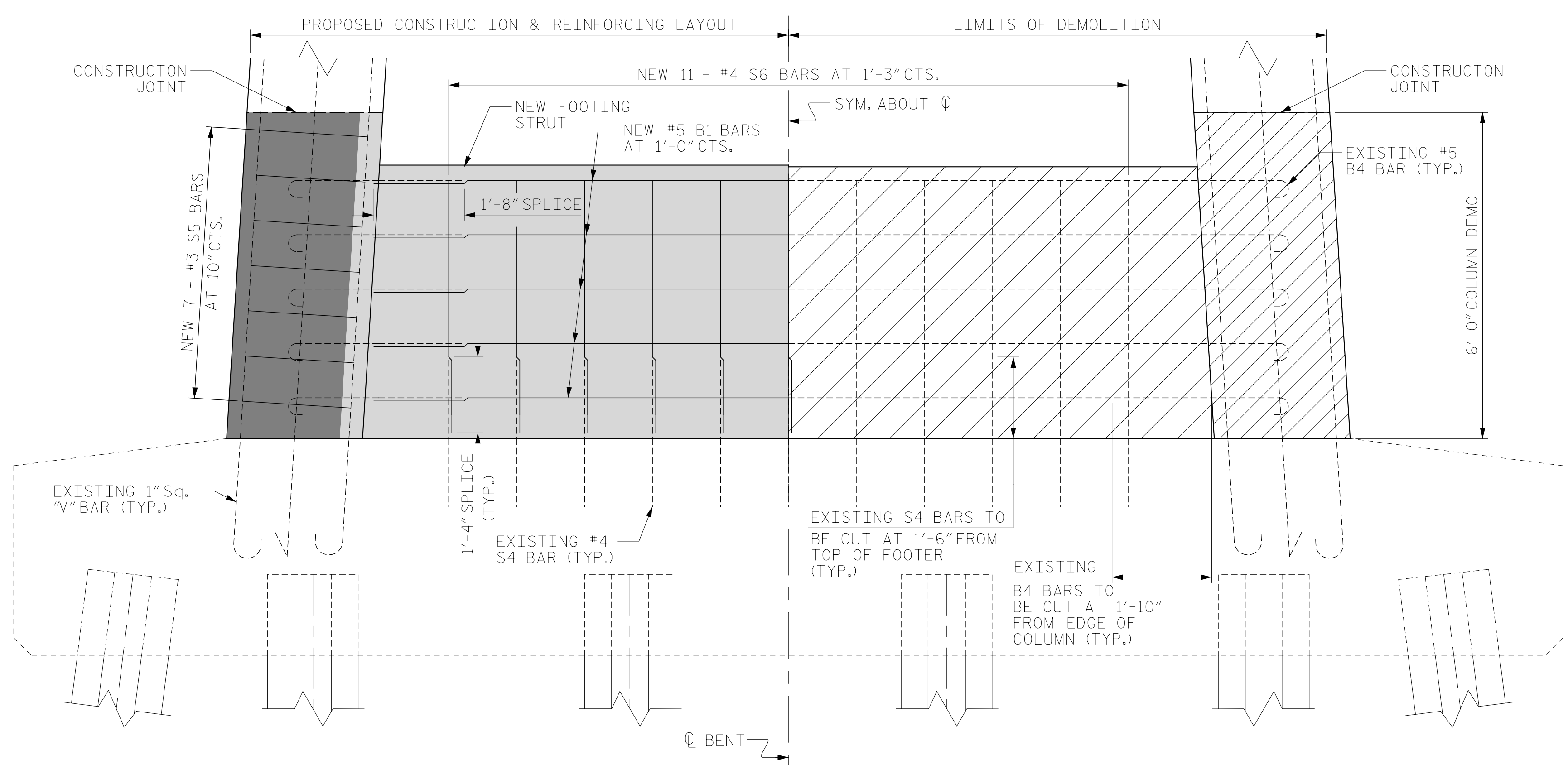
BENT 129 & 146					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	#5	STR.	15'-4"	160 LBS
S5	14	#3	* STR.	12'-2"	63 LBS
S6	11	#4	1	14'-3"	105 LBS
REINFORCING STEEL				330 LBS	
CLASS AA CONCRETE				6.0 C.Y.	
BENT 130 & 145					
B1	10	#5	STR.	15'-8"	163 LBS
S5	14	#3	* STR.	12'-5"	66 LBS
S6	11	#4	1	14'-3"	105 LBS
REINFORCING STEEL				334 LBS	
CLASS AA CONCRETE				6.1 C.Y.	
BENT 131 & 144					
B1	10	#5	STR.	15'-10"	165 LBS
S5	14	#3	* STR.	12'-8"	68 LBS
S6	11	#4	1	14'-3"	105 LBS
REINFORCING STEEL				338 LBS	
CLASS AA CONCRETE				6.2 C.Y.	
BENT 132 & 143					
B1	10	#5	STR.	16'-2"	168 LBS
S5	14	#3	* STR.	12'-11"	69 LBS
S6	11	#4	1	14'-3"	105 LBS
REINFORCING STEEL				342 LBS	
CLASS AA CONCRETE				6.3 C.Y.	



PLAN
COLUMN & STRUT RESTORATION

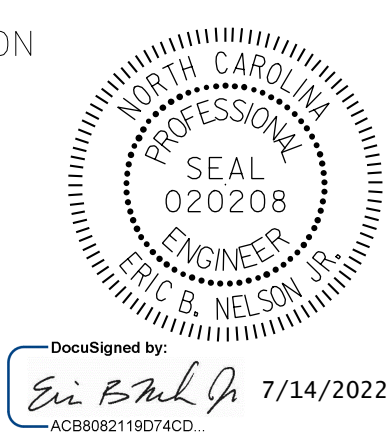


SIDE VIEW
PROPOSED COLUMN & STRUT



ELEVATION
COLUMN & STRUT RESTORATION

- STAGE 3 DEMOLITION
- STAGE 4 DEMOLITION
- POUR 3
- POUR 4



NOTES:
*FIELD BEND BARS BASED ON FIELD MEASUREMENTS. OVERALL LENGTH IS BASED ON ANTICIPATED MAXIMUM DIMENSIONS. SEE FIELD BEND CHART.
FIELD CUT AS REQUIRED FOR FIT.

PROJECT NO. HB-0017
DARE COUNTY
BRIDGE NO. 270009

SHEET 3 OF 3
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
PILE FOOTING RESTORATION
BENT 129 THRU 132
AND 143 THRU 146

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-345
1			3			TOTAL SHEETS
2			4			355

DRAWN BY: T. HARTLEY DATE: 4/2019
CHECKED BY: R. NELSON DATE: 4/2019



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED