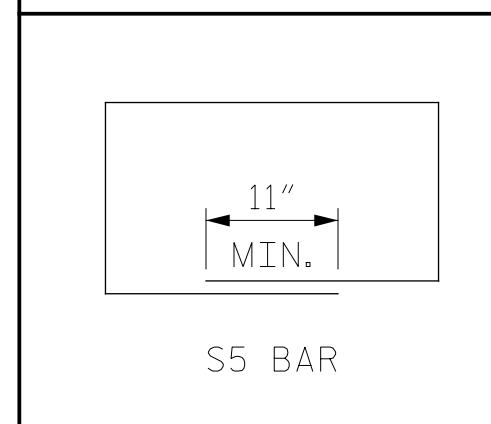
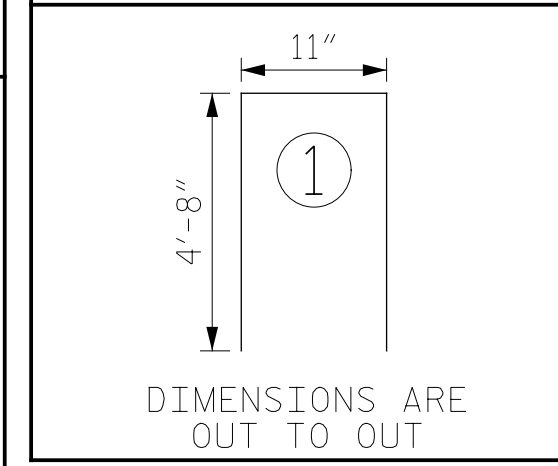


FIELD BEND CHART



- BAR TYPES -



STRUT & COLUMN BILL OF MATERIAL

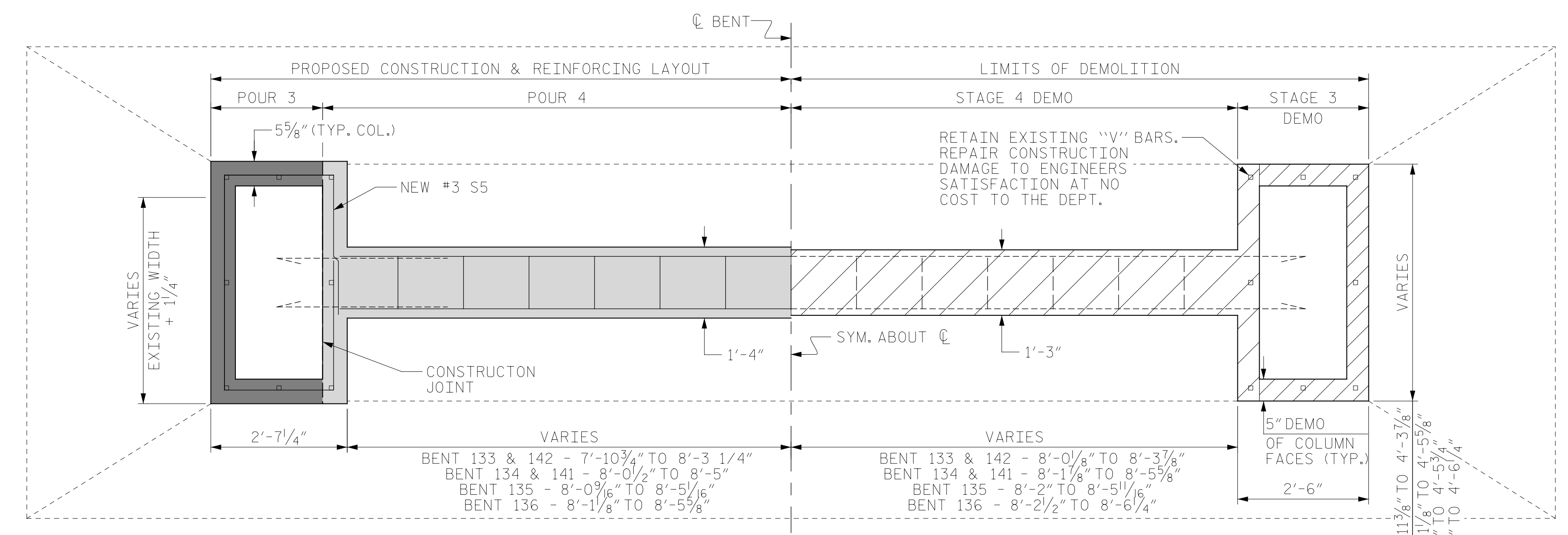
BENT 133 & 142					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	10	#5	STR.	16'-4"	170 LBS
S5	14	#3	* STR.	13'-2"	70 LBS
S6	13	#4	1	14'-3"	125 LBS
REINFORCING STEEL					365 LBS
CLASS AA CONCRETE					6.5 C.Y.

BENT 134 & 141					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	10	#5	STR.	16-8"	174 LBS
S5	14	#3	* STR.	13'-5"	72 LBS
S6	13	#4	1	14'-3"	125 LBS
REINFORCING STEEL					371 LBS
CLASS AA CONCRETE					6.6 C.Y.

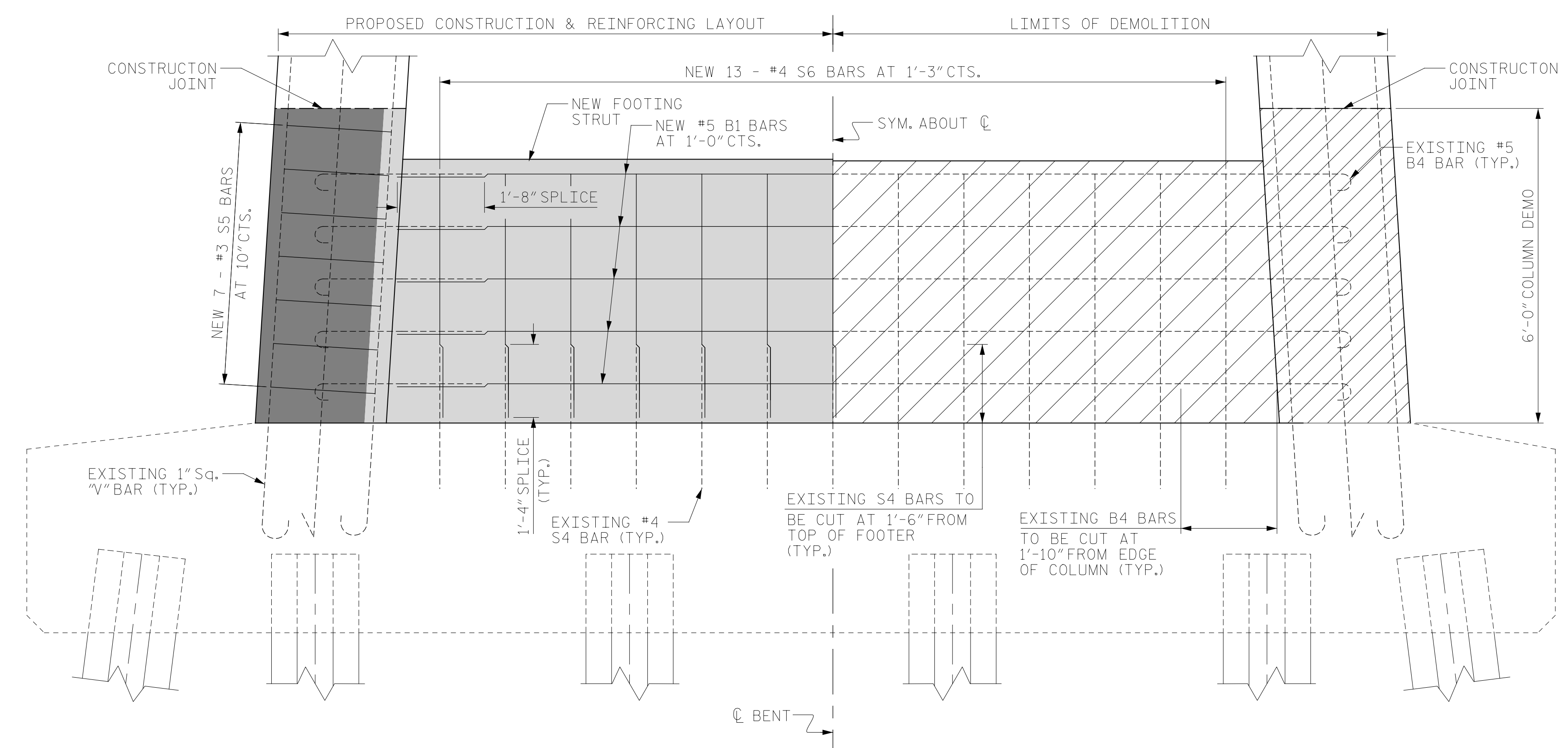
BENT 135					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	10	#5	STR.	16'-8"	174 LBS
S5	14	#3	* STR.	13'-8"	73 LBS
S6	13	#4	1	14'-3"	125 LBS
REINFORCING STEEL					372 LBS
CLASS AA CONCRETE					6.6 C.Y.

BENT 136					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	10	#5	STR.	16'-8"	174 LBS
S5	14	#3	* STR.	13'-11"	74 LBS
S6	13	#4	1	14'-3"	125 LBS
REINFORCING STEEL					373 LBS
CLASS AA CONCRETE					6.6 C.Y.

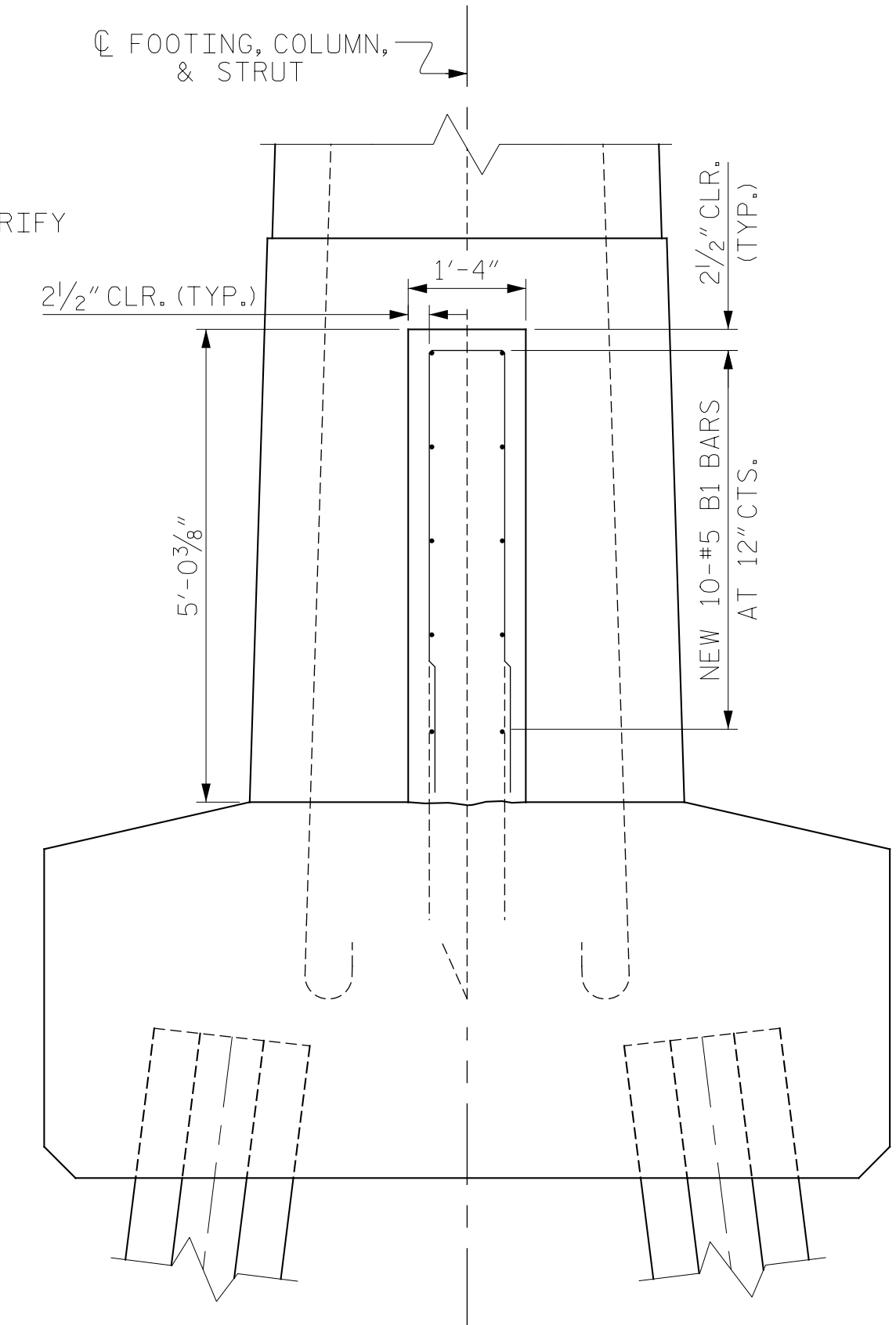
NOTES:
 *FIELD BEND BARS BASED ON FIELD MEASUREMENTS. OVERALL LENGTH IS BASED ON ANTICIPATED MAXIMUM DIMENSIONS. SEE FIELD BEND CHART.
 FIELD CUT AS REQUIRED FOR FIT.



PLAN
 COLUMN & STRUT RESTORATION

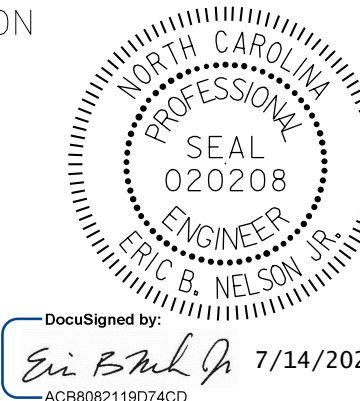


ELEVATION
 COLUMN & STRUT RESTORATION



SIDE VIEW
 PROPOSED COLUMN & STRUT

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



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 133 THRU 136
 141 AND 142

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-348
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