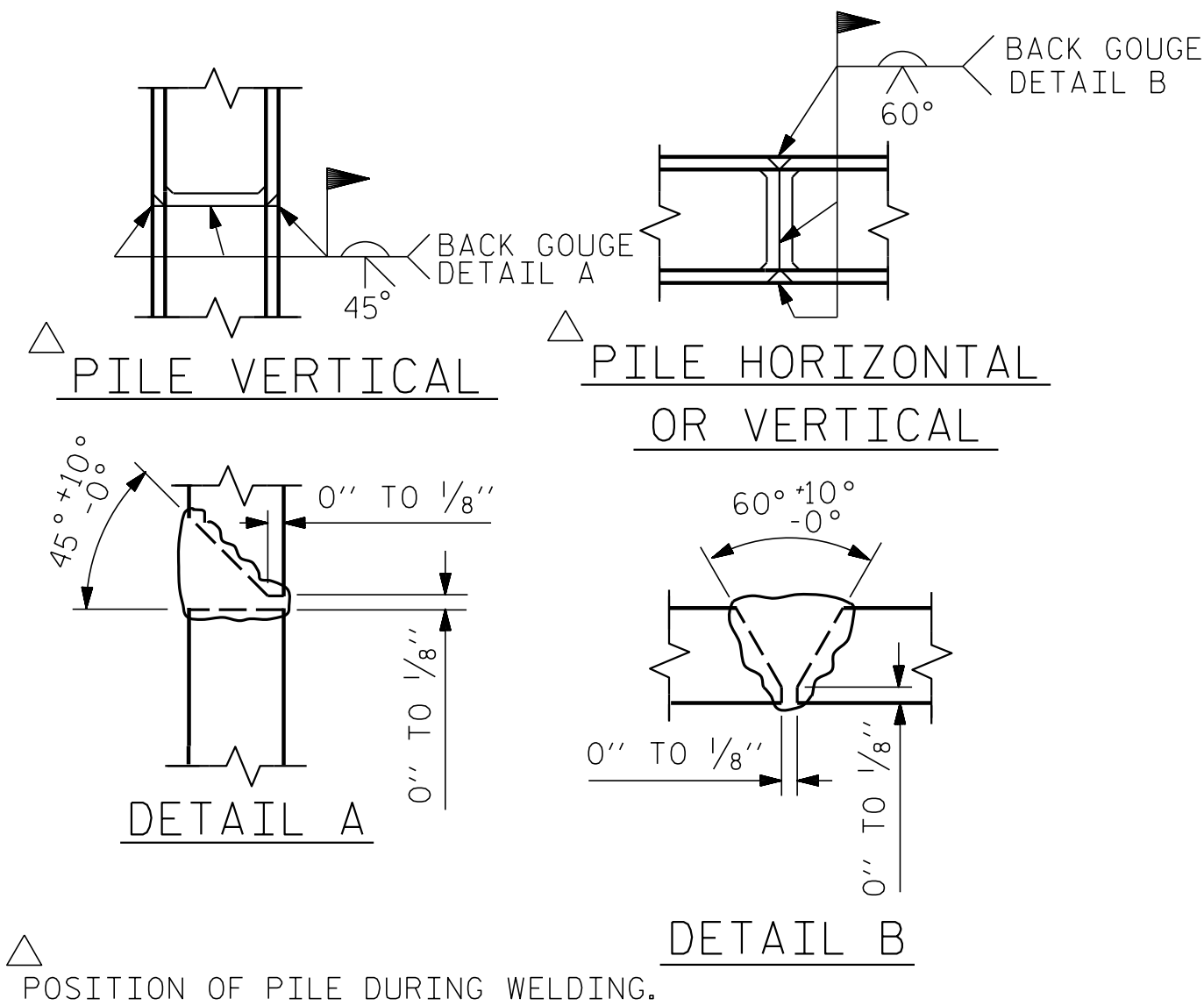


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

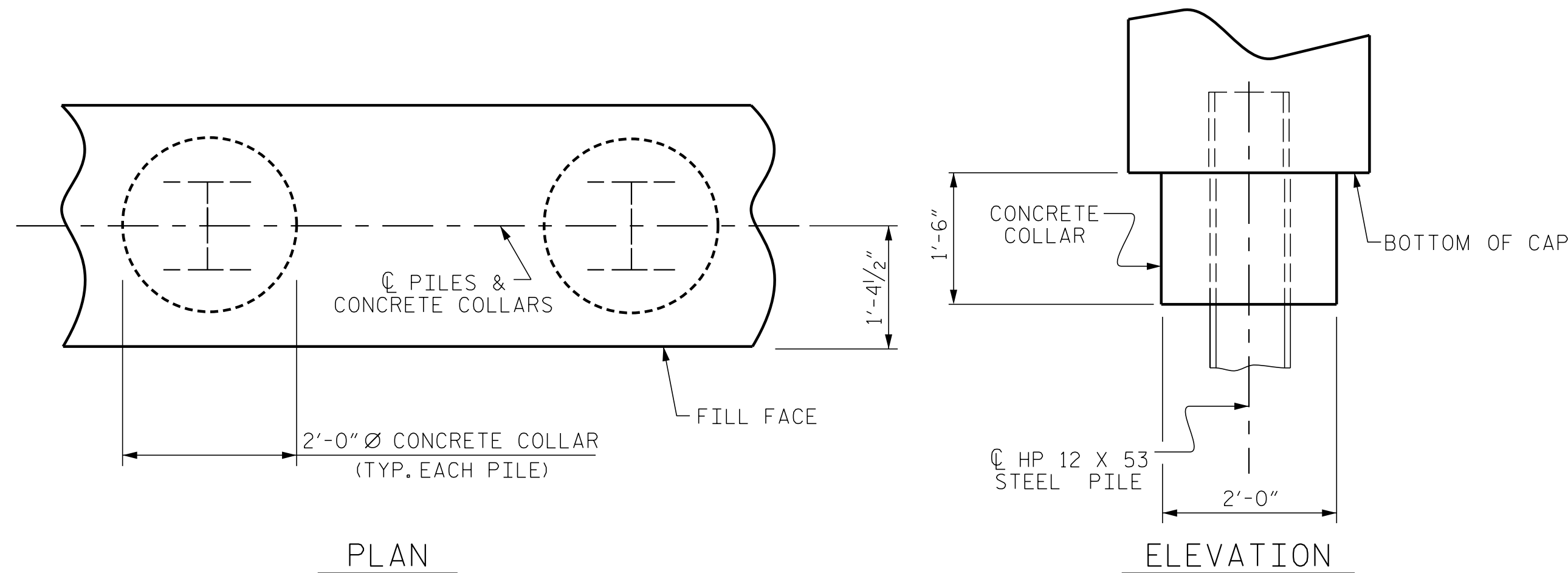
NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT



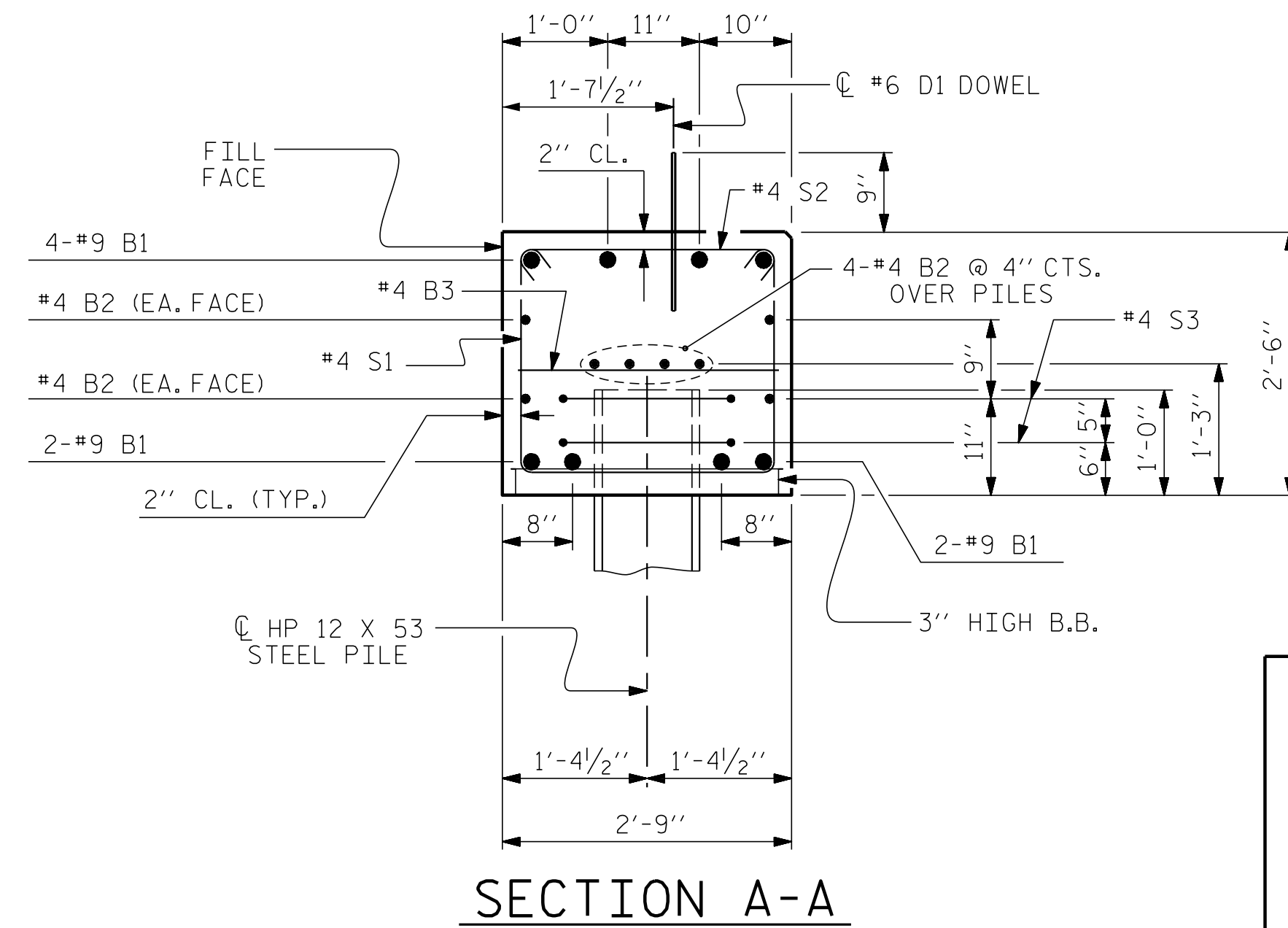
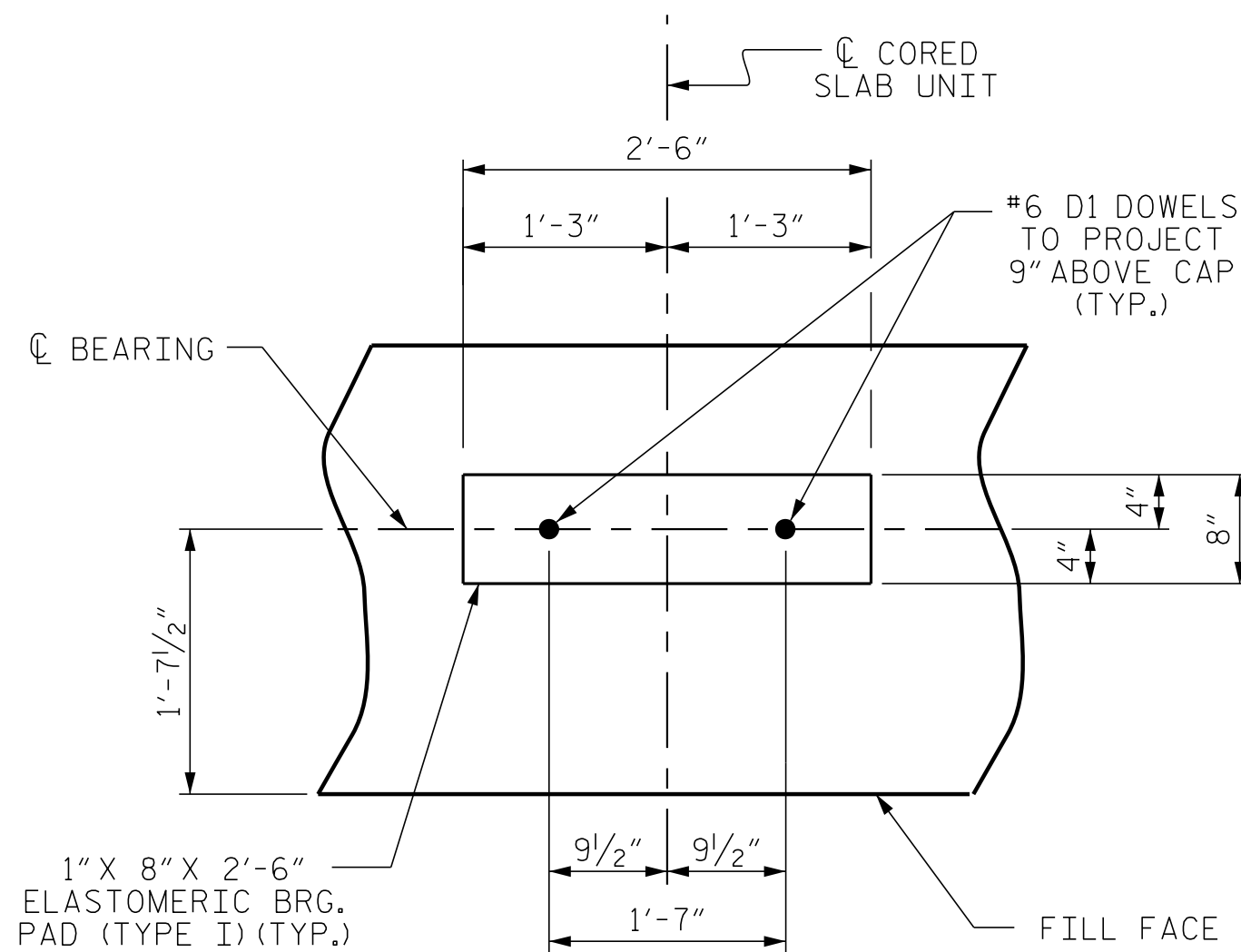
PILE SPLICE DETAILS

BAR TYPES					BILL OF MATERIAL FOR ONE END BENT				
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	#8		41'-0"	1115	B1	#8		41'-0"	1115
B2	#4	STR	20'-7"	220	B2	#4	STR	20'-7"	220
B3	#4	STR	2'-5"	16	B3	#4	STR	2'-5"	16
D1	#6	STR	1'-6"	50	D1	#6	STR	1'-6"	50
H1	#4	2	7'-10"	126	H1	#4	2	7'-10"	126
K1	#4	STR	2'-11"	23	K1	#4	STR	2'-11"	23
S1	#4	3	7'-5"	248	S1	#4	3	7'-5"	248
S2	#4	4	3'-2"	106	S2	#4	4	3'-2"	106
S3	#4	5	6'-6"	61	S3	#4	5	6'-6"	61
V1	#4	STR	4'-8"	150	V1	#4	STR	4'-8"	150
REINFORCING STEEL (FOR ONE END BENT)					2115 LBS.				
CLASS A CONCRETE BREAKDOWN (FOR ONE END BENT)									
POUR #1 CAP, LOWER PART OF WINGS & COLLARS					12.4 C.Y.				
POUR #2 UPPER PART OF WINGS					1.8 C.Y.				
TOTAL CLASS A CONCRETE					14.2 C.Y.				



CORROSION PROTECTION FOR STEEL PILES DETAIL

(END BENT No. 1 SHOWN, END BENT No. 2 SIMILAR BY ROTATION)



PROJECT NO. BR-0121
 SAMPSON COUNTY
 STATION: 15+46.50 -L-
 SHEET 4 OF 4

ENGINEER OF RECORD
 1/15/2020
 NORTH CAROLINA PROFESSIONAL SEAL
 22072
 ENGINEER ARTHUR DILLON
 1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 Bus: 919 851 8077
 Fax: 919 851 8107
 LICENSE NO. F-0377

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-14
1			3			TOTAL SHEETS
2			4			18

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STD. NO. EB-33-90S