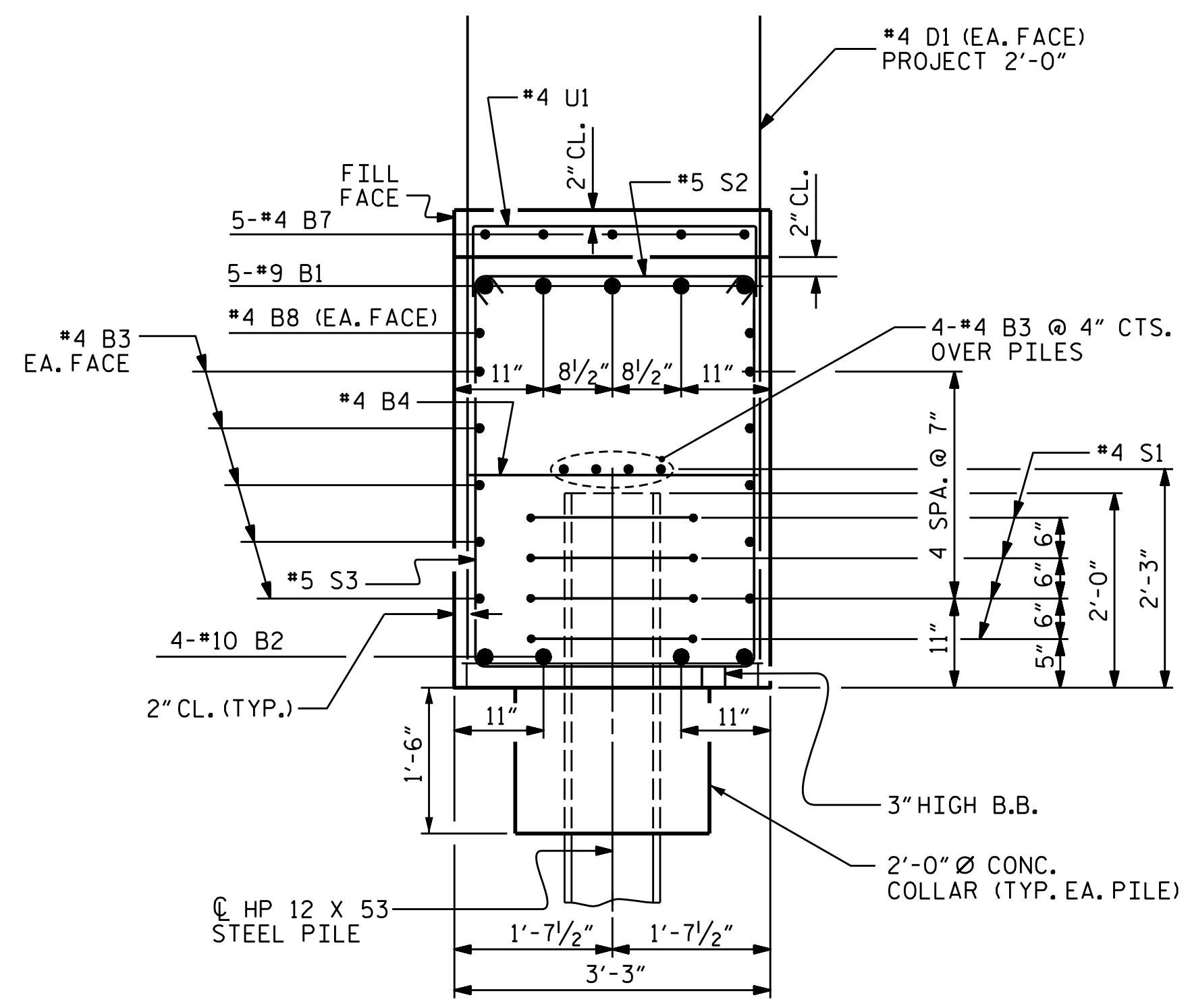
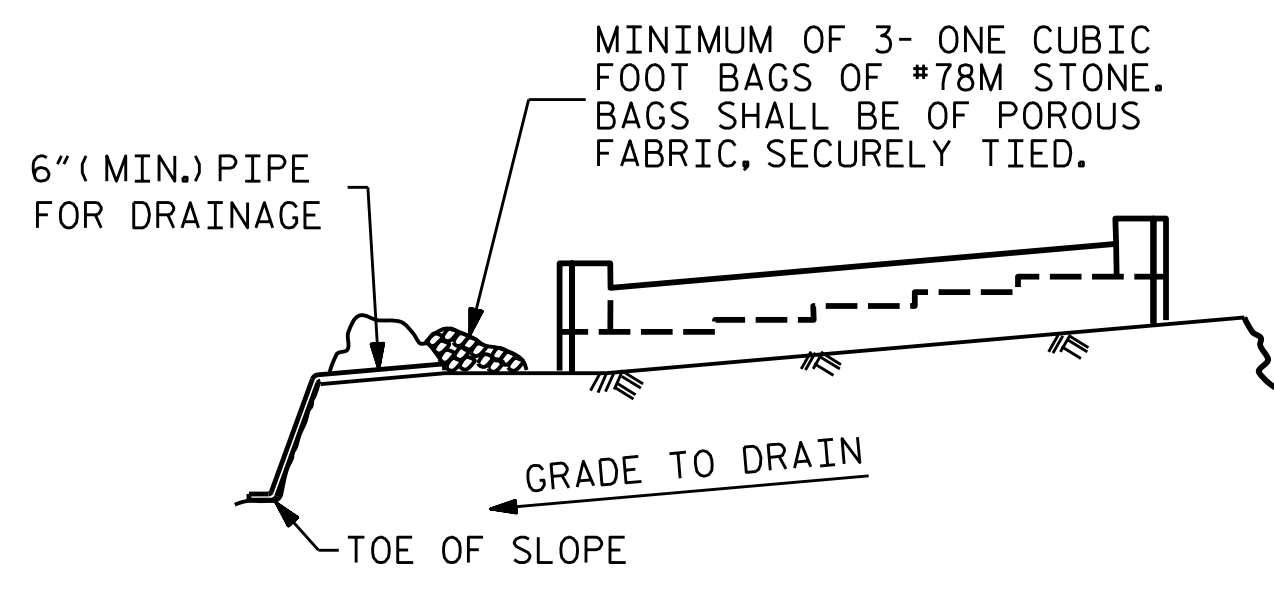


SECTION A-A



SECTION B-B

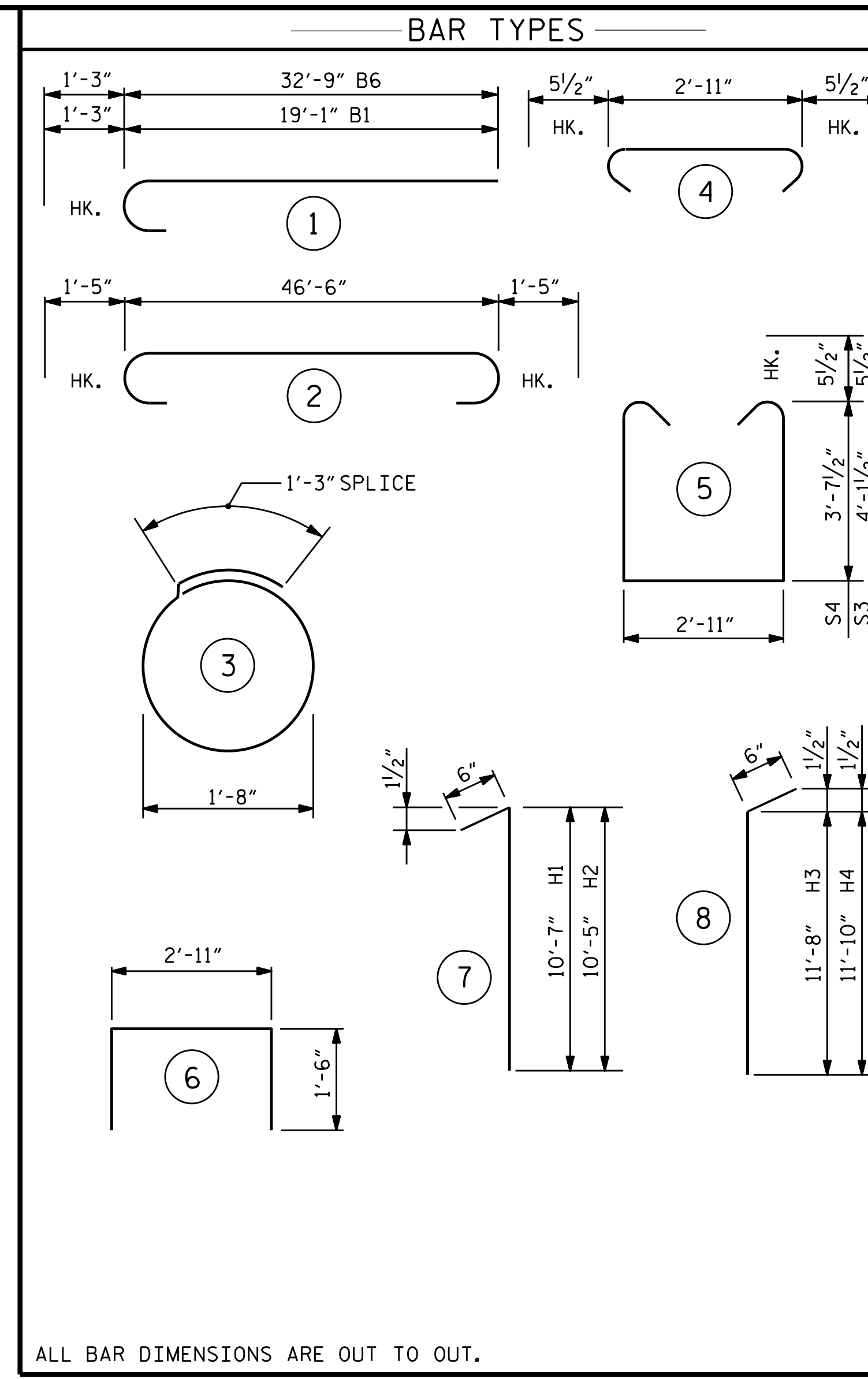


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
END BENT 2					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	5	9	1	20'-4"	346
B2	4	10	2	49'-4"	849
B3	28	4	STR.	24'-6"	458
B4	13	4	STR.	2'-11"	25
B5	5	4	STR.	11'-10"	40
B6	5	9	1	34'-0"	578
B7	5	4	STR.	8'-1"	27
B8	2	4	STR.	16'-3"	22
D1	62	4	STR.	5'-10"	242
H1	14	5	7	11'-1"	162
H2	14	5	7	10'-11"	159
H3	21	5	8	12'-2"	266
H4	21	5	8	12'-4"	270
K1	24	4	STR.	2'-9"	44
S1	28	4	3	6'-6"	122
S2	36	5	4	3'-10"	144
S3	15	5	5	12'-1"	189
S4	21	5	5	11'-1"	243
U1	14	4	6	5'-11"	55
V1	28	4	STR.	9'-7"	179
V2	30	5	STR.	10'-5"	326
REINFORCING STEEL, LBS.				4746	
CLASS A CONCRETE, CY					
POUR 1 (CAP, LOWER PORTION OF WINGS AND COLLARS)				29.0	
POUR 2 (UPPER PORTION OF WINGS)				6.0	
TOTAL				35.0	
HP 12X53 STEEL PILES				NO. 7	
				L.F. 315	
PILE DRIVING EQUIPMENT SETUP FOR HP 12X53 STEEL PILES, EA.				7	
PILE REDRIVES, EA.				4	

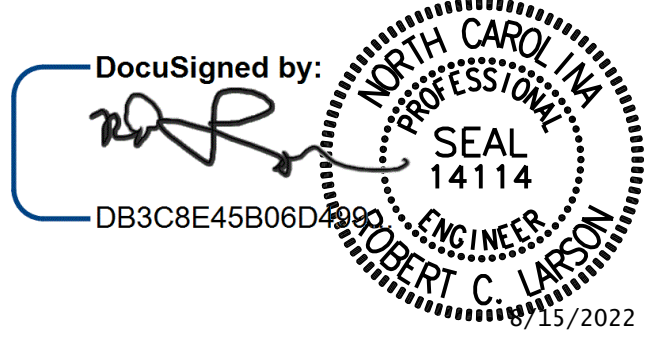
PROJECT NO. R-2561CA
COLUMBUS COUNTY
 STATION: 70+34.00 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUBSTRUCTURE
 END BENT 2**

LEFT LANE



DESIGN ENGINEER OF RECORD:	DATE:
<i>RCL</i>	8/15/2022
DRAWN BY:	DATE:
A. K. ALLANKI	07/28/20
CHECKED BY:	DATE:
R. C. LARSON	07/29/20

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



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

TOTAL SHEETS: 30

\$FILEL\$ \$DATE\$ \$TIME\$ \$USERS\$ \$PENTBL\$ \$PLTDVRS\$
 KCI PROJECT NO. 241704391.04