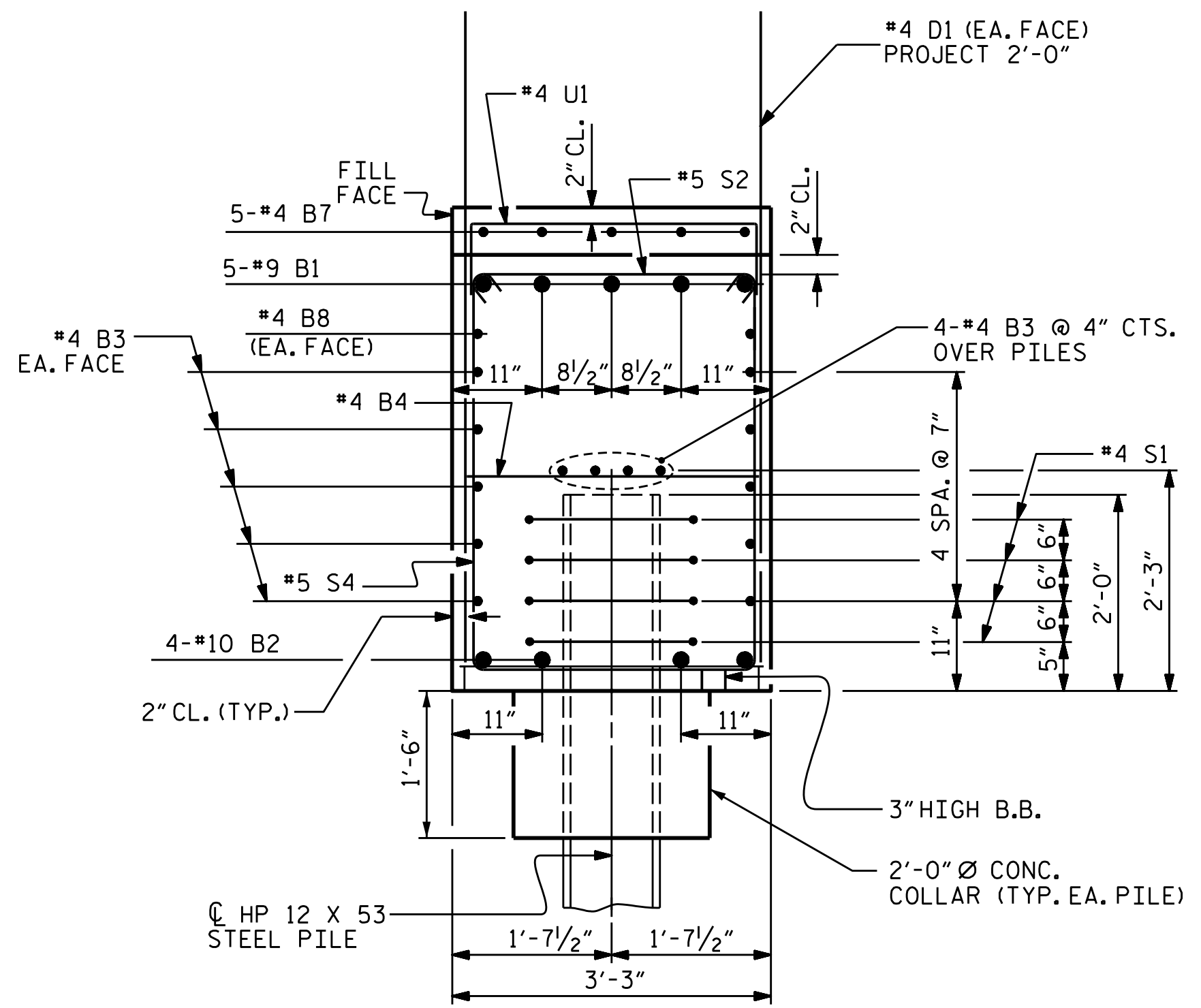
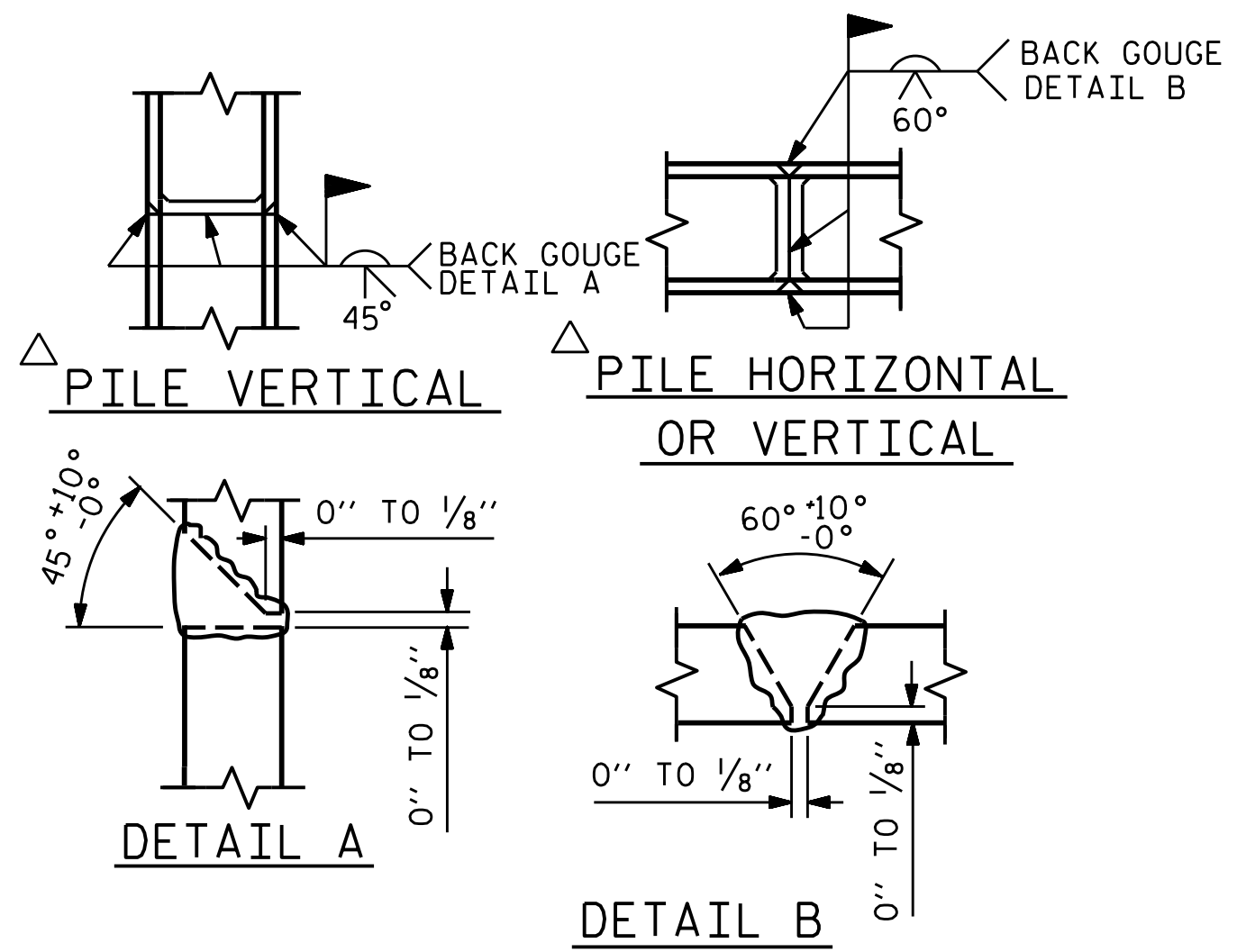


SECTION A-A

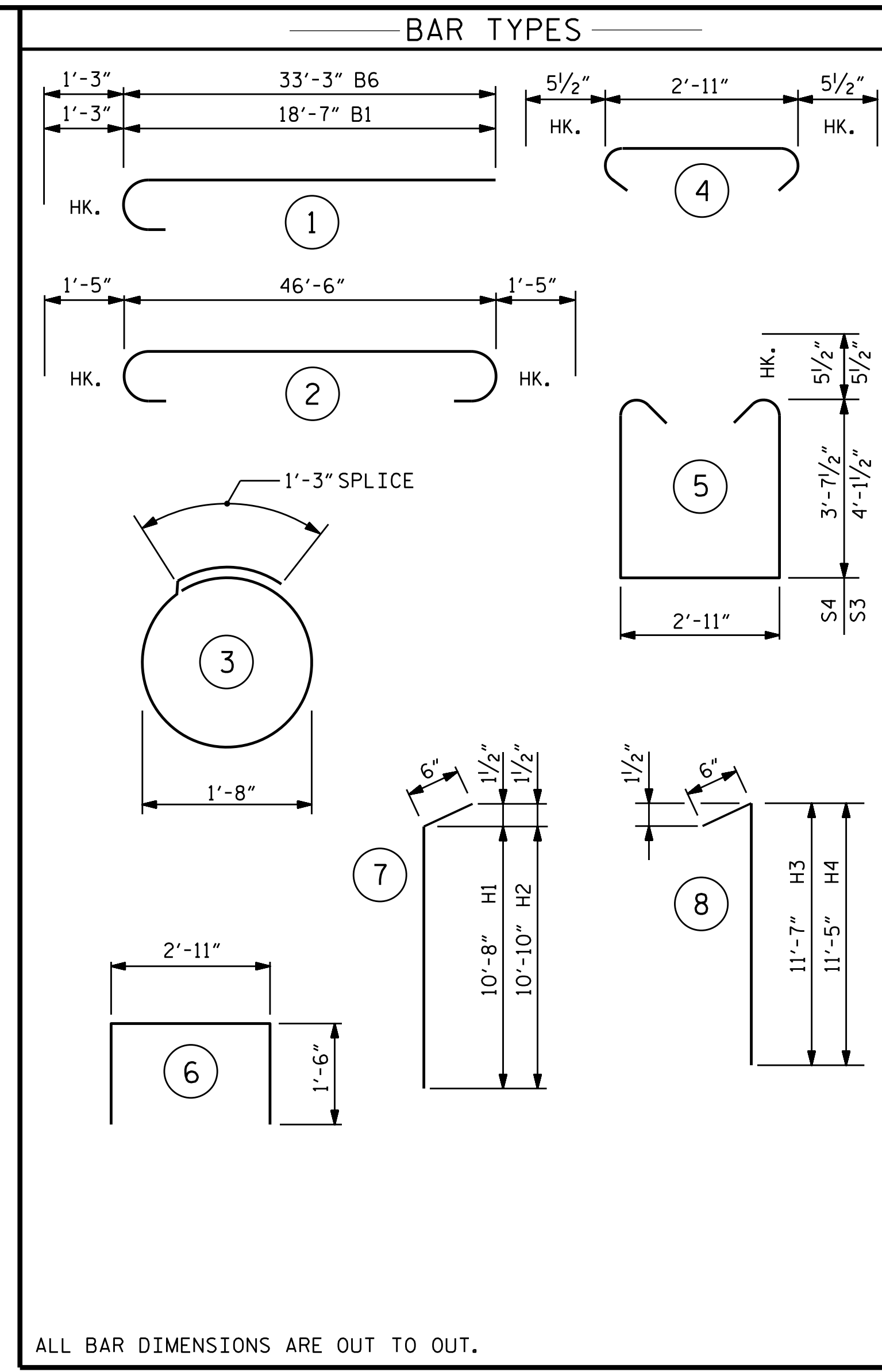


SECTION B-B



△ POSITION OF PILE DURING WELDING.

PILE SPLICE DETAILS



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
END BENT 1					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	5	9	1	19'-10"	337
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'-6"	587
B7	5	4	STR.	8'-6"	28
B8	2	4	STR.	15'-9"	21
D1	62	4	STR.	5'-10"	242
H1	14	5	7	11'-2"	163
H2	14	5	7	11'-4"	165
H3	21	5	8	12'-1"	265
H4	21	5	8	11'-11"	261
K1	24	4	STR.	2'-9"	44
S1	24	4	3	6'-6"	104
S2	40	5	4	3'-10"	160
S3	16	5	5	12'-1"	202
S4	24	5	5	11'-1"	277
U1	14	4	6	5'-11"	55
V1	28	4	STR.	9'-7"	179
V2	30	5	STR.	10'-5"	326
REINFORCING STEEL, LBS.					4788
CLASS A CONCRETE, CY					
POUR 1 (CAP, LOWER PORTION OF WINGS AND COLLARS)					28.8
POUR 2 (UPPER PORTION OF WINGS)					6.0
TOTAL					34.8
HP 12X53 STEEL PILES					NO. 6
					L.F. 360
PILE DRIVING EQUIPMENT SETUP FOR HP 12X53 STEEL PILES, EA.					6
PILE REDRIVES, EA.					3

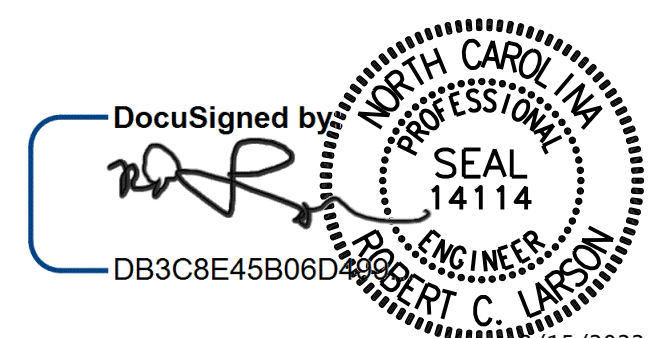
PROJECT NO. R-2561CA
COLUMBUS COUNTY
 STATION: 70+34.00 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUBSTRUCTURE
 END BENT 1**

LEFT LANE



DESIGN ENGINEER OF RECORD	DATE
<i>[Signature]</i>	8/15/2022
DRAWN BY : A. K. ALLANKI	DATE : 07/17/20
CHECKED BY : R. C. LARSON	DATE : 07/27/20

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



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

TOTAL SHEETS: 30

\$FILEL\$ \$TIME\$ \$USERS\$ \$PLTDVRS\$ \$PENTBLS\$ \$PLTDVRS\$
 \$DATES\$ \$TIME\$ \$USERS\$ \$PLTDVRS\$ \$PENTBLS\$ \$PLTDVRS\$
 KCI PROJECT NO. 241704391.04