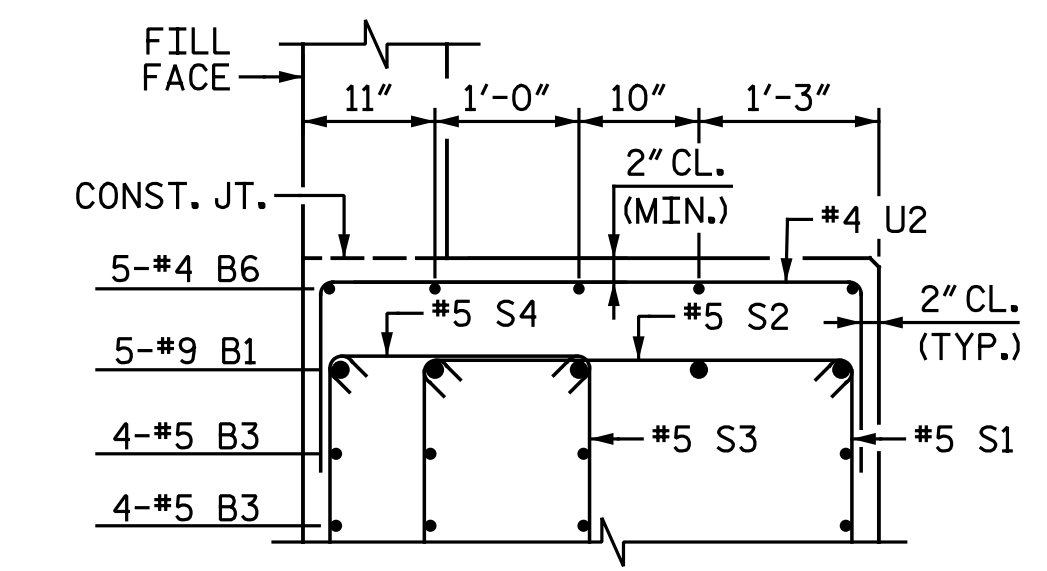
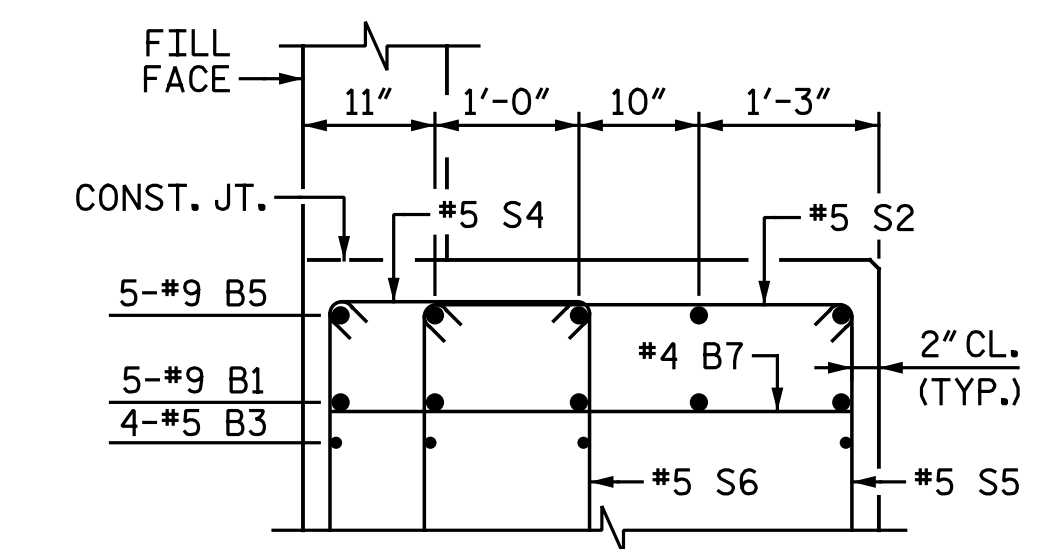


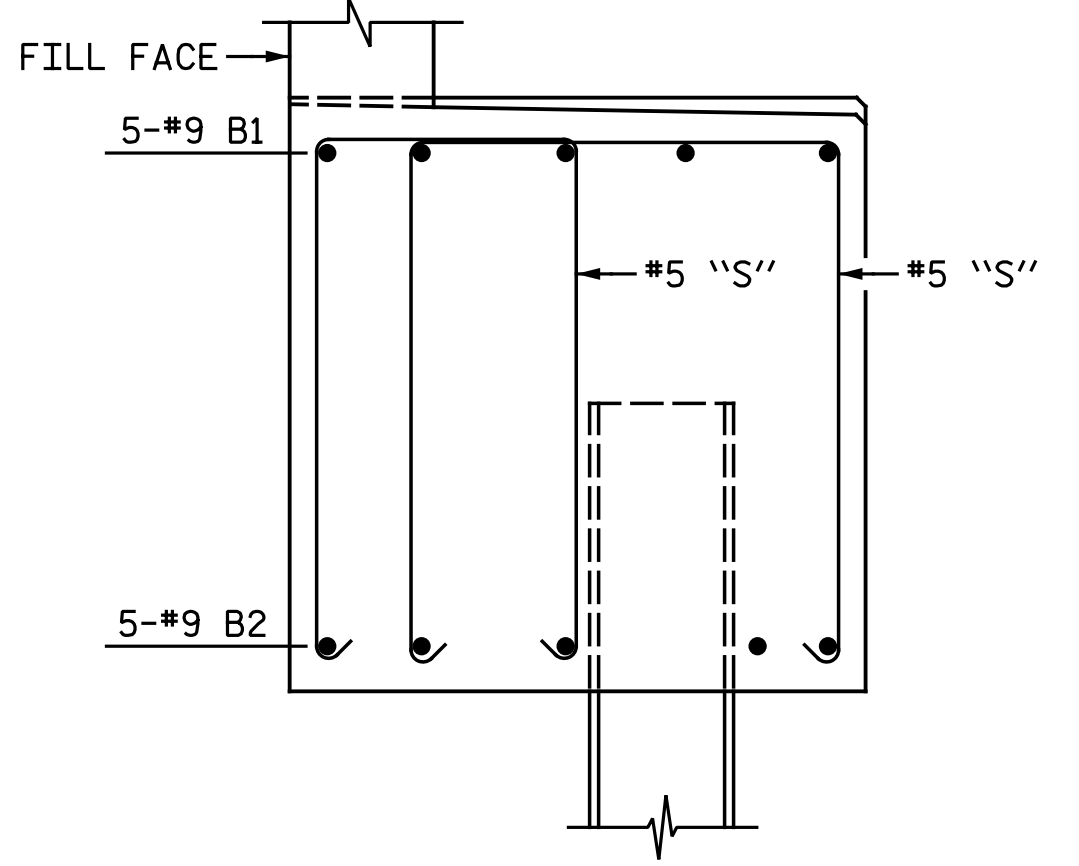
SECTION A-A



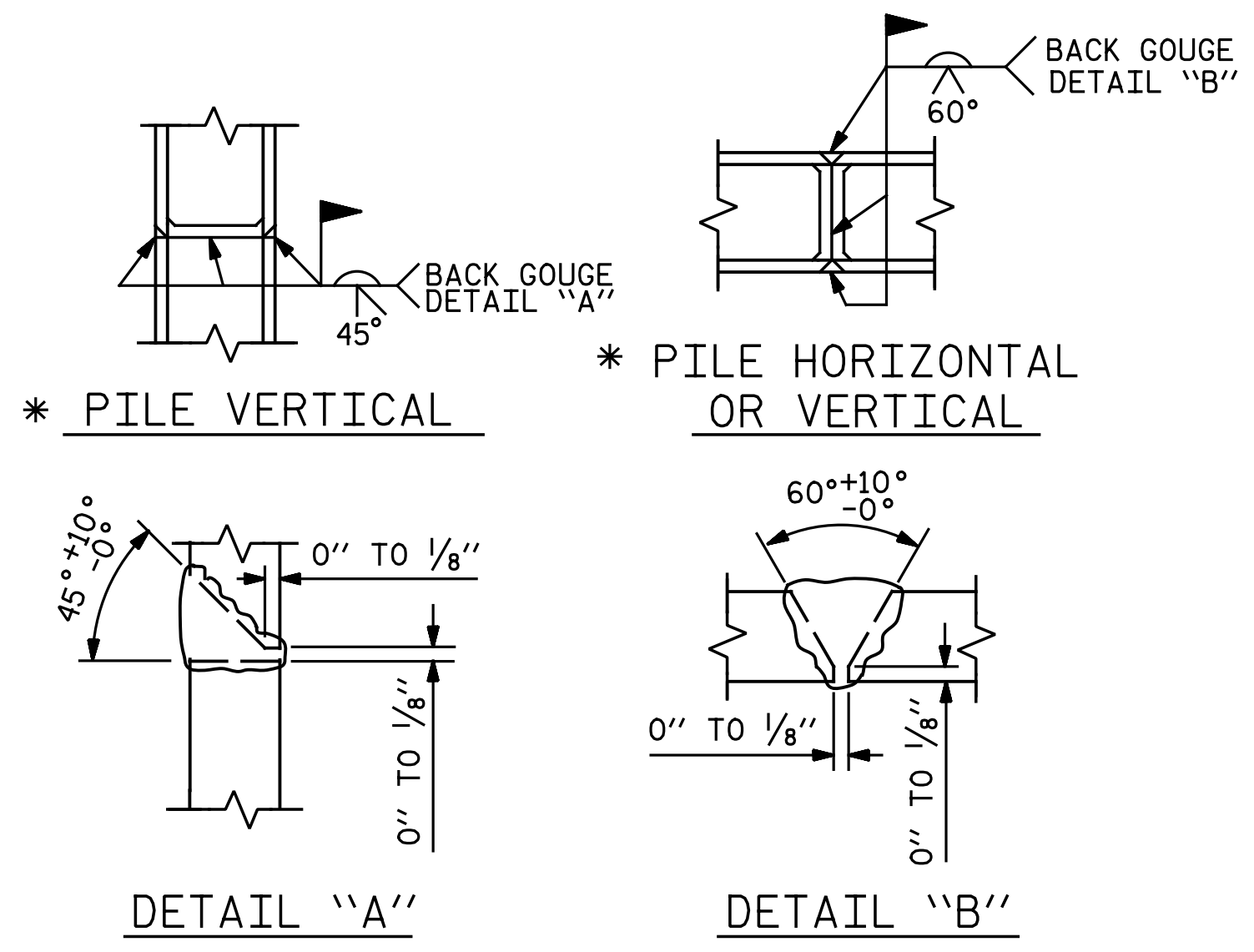
PARTIAL SECTION B-B  
"K" & "V" BARS NOT SHOWN FOR CLARITY



PARTIAL SECTION C-C  
"K" & "V" BARS NOT SHOWN FOR CLARITY

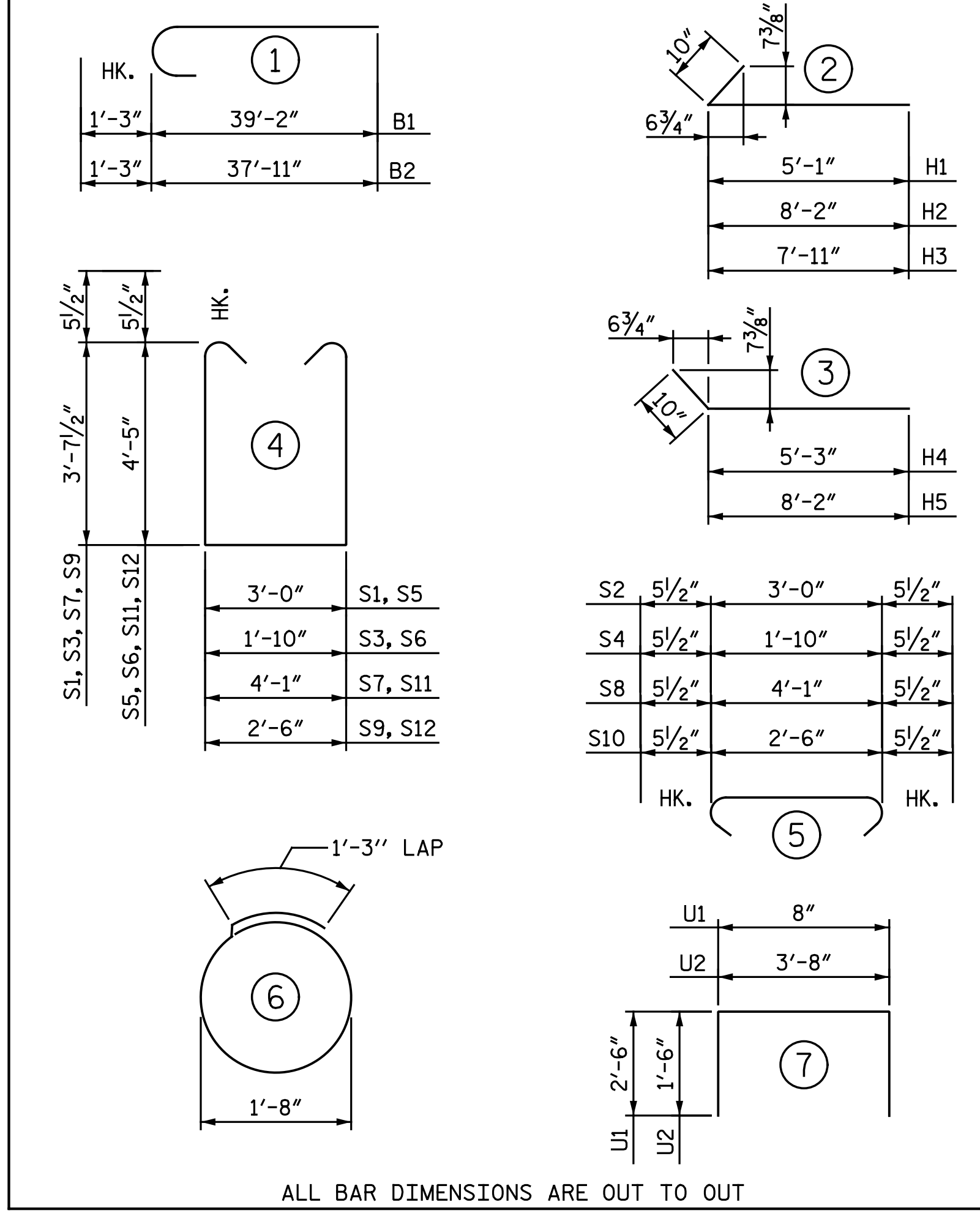


PARTIAL SECTION D-D  
ONLY #9 "B" & "S" BARS SHOWN FOR CLARITY (TYP. EA. PILE)



PILE SPLICE DETAILS  
\* POSITION OF PILE DURING WELDING

BAR TYPES



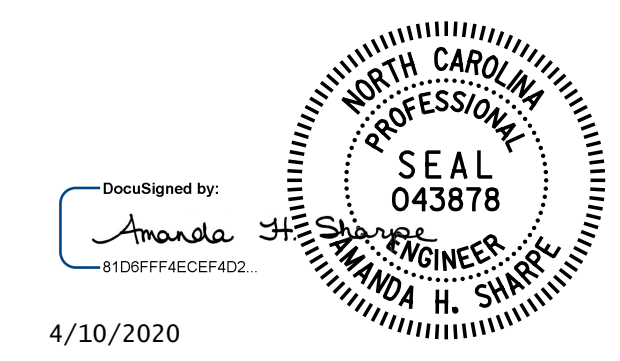
ALL BAR DIMENSIONS ARE OUT TO OUT

NOTE:  
FOR "MSE REINFORCING STRAP LOAD DETAIL", SEE "END BENT 1 DETAILS" SHEET.

BILL OF MATERIAL

END BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	#9	1	40' - 5"	1,374
B2	10	#9	1	39' - 2"	1,332
B3	40	#5	STR.	36' - 3"	1,512
B4	8	#4	STR.	36' - 0"	192
B5	10	#9	STR.	23' - 1"	785
B6	5	#4	STR.	12' - 5"	41
B7	26	#4	STR.	3' - 8"	64
H1	4	#5	2	5' - 11"	25
H2	23	#5	2	9' - 0"	216
H3	23	#5	2	8' - 9"	210
H4	4	#5	3	6' - 1"	25
H5	50	#5	3	9' - 0"	469
K1	20	#4	STR.	36' - 0"	481
K2	16	#4	STR.	3' - 8"	39
S1	48	#5	4	11' - 2"	559
S2	90	#5	5	3' - 11"	368
S3	48	#5	4	10' - 0"	501
S4	90	#5	5	2' - 9"	258
S5	52	#5	4	12' - 9"	692
S6	52	#5	4	11' - 7"	628
S7	1	#5	4	12' - 3"	13
S8	2	#5	5	5' - 0"	10
S9	1	#5	4	10' - 8"	11
S10	2	#5	5	3' - 5"	7
S11	1	#5	4	13' - 10"	14
S12	1	#5	4	12' - 3"	13
S13	40	#4	6	6' - 6"	174
U1	59	#5	7	5' - 8"	349
U2	9	#4	7	6' - 8"	40
V1	118	#5	STR.	8' - 9"	1,077
V2	30	#5	STR.	10' - 10"	339
V3	30	#5	STR.	11' - 9"	368
REINFORCING STEEL				LBS. 12,186	
CLASS A CONCRETE					
POUR 1 - CAP & LOWER PART OF WINGS				C.Y.	47.9
POUR 2 - BACKWALL & UPPER PART OF WINGS				C.Y.	18.4
TOTAL				C.Y.	66.3
PILE DRIVING EQUIPMENT SETUP FOR HP 12x53 STEEL PILES				EA.	10
HP 12x53 STEEL PILES					
NO. 10				LIN. FT.	750
PILE REDRIVES				EA.	5

PROJECT NO. I-5878  
HARNETT COUNTY  
STATION: 26+05.28 -Y14-



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
SUBSTRUCTURE  
END BENT 2 DETAILS

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SI-30
1			3			TOTAL SHEETS
2			4			35

DRAWN BY: M. D. MAYHEW DATE: 10-21-19  
CHECKED BY: A. H. SHARPE DATE: 3-2-20