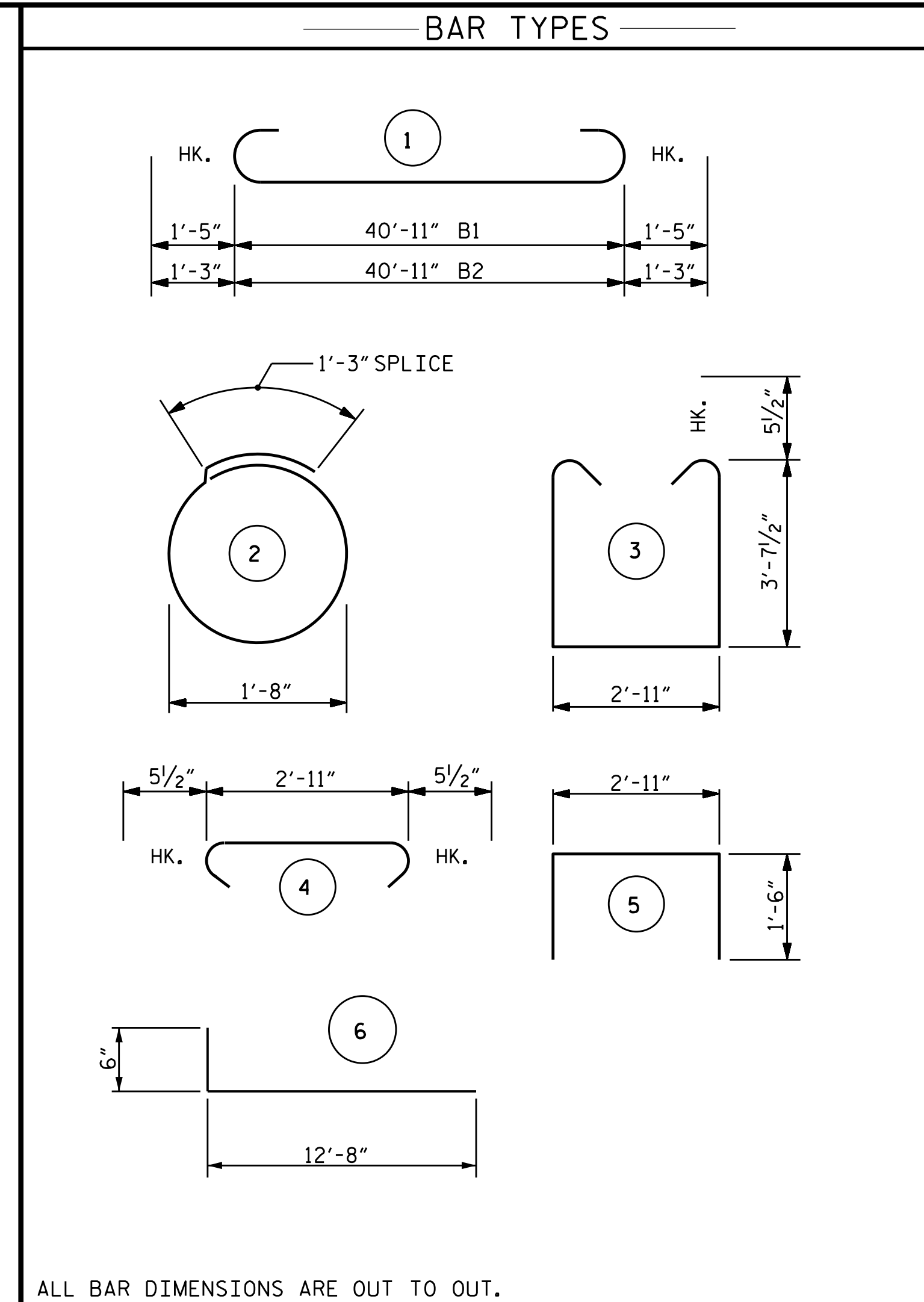
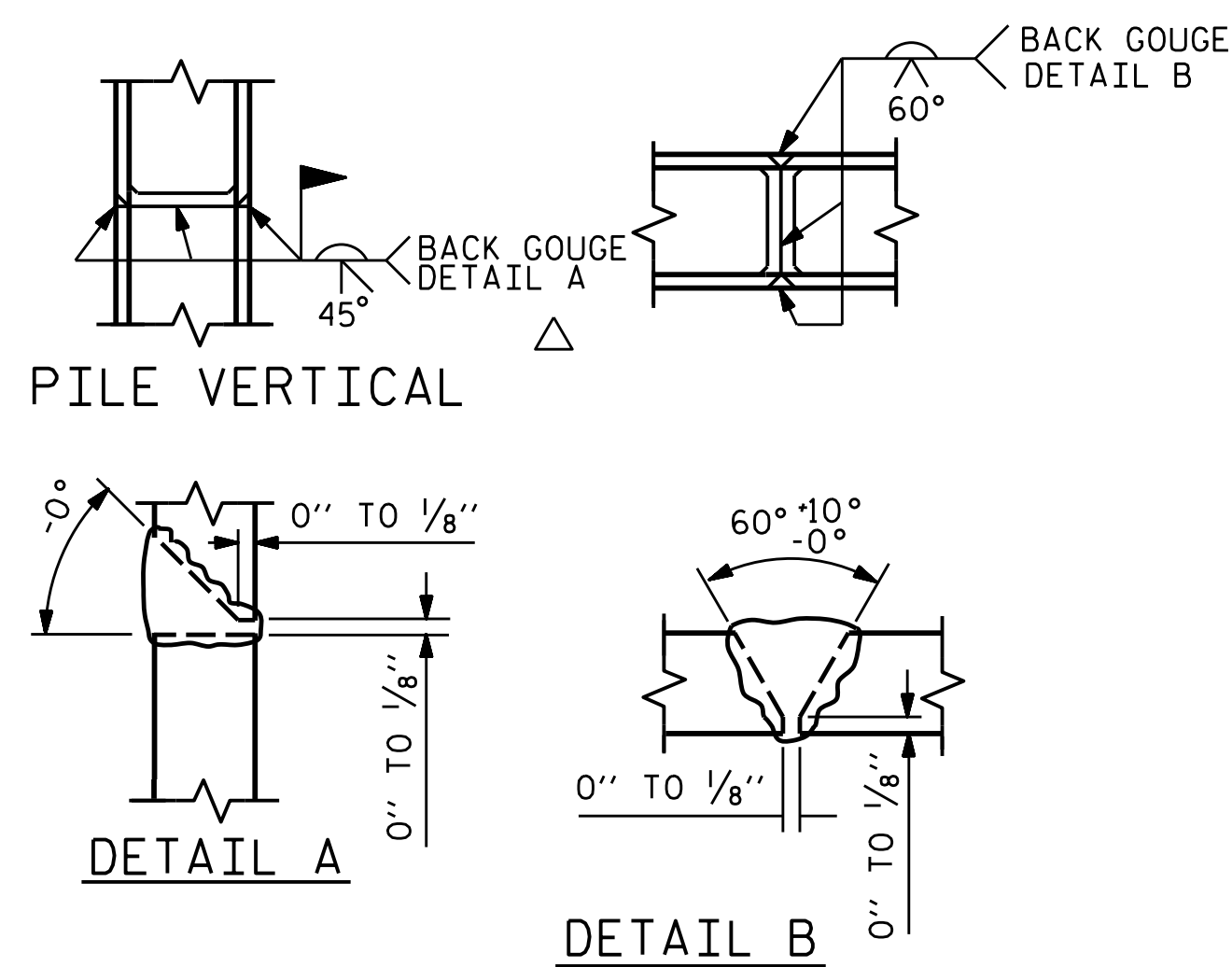


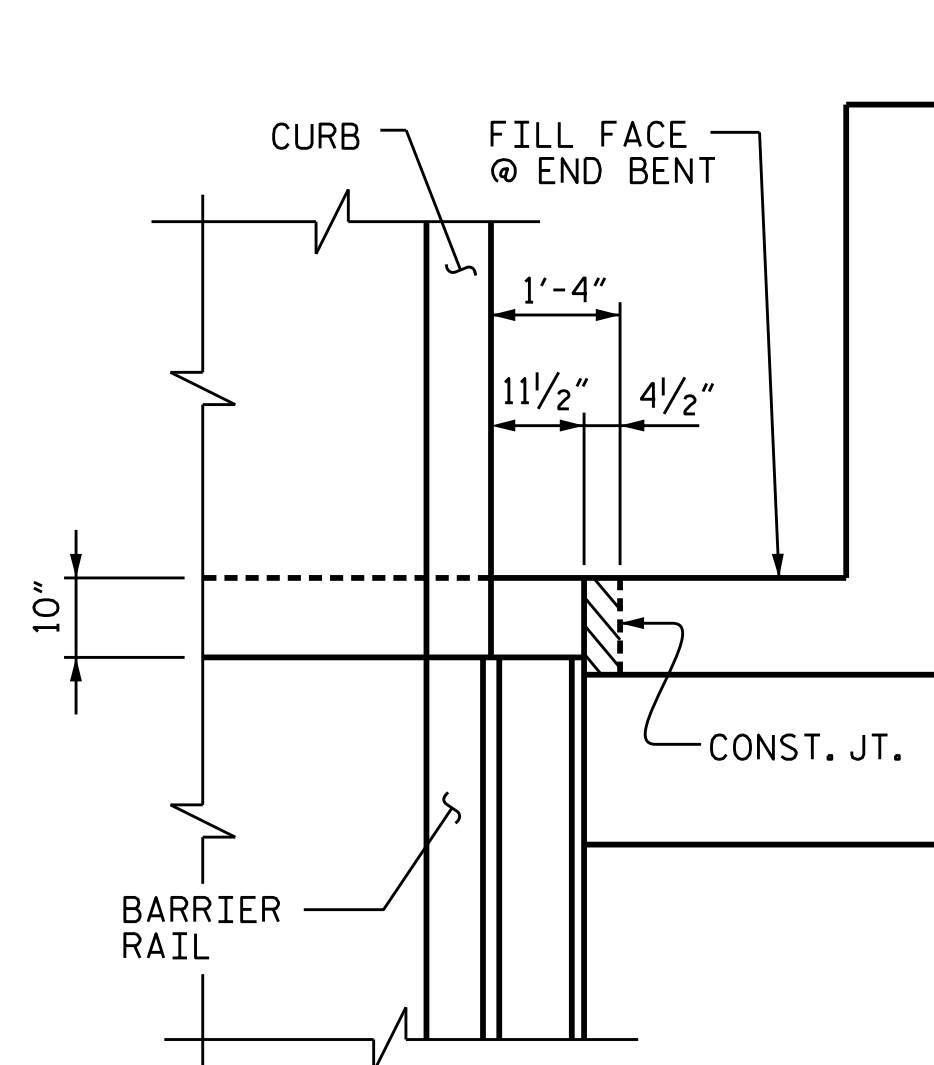
**SECTION A-A**



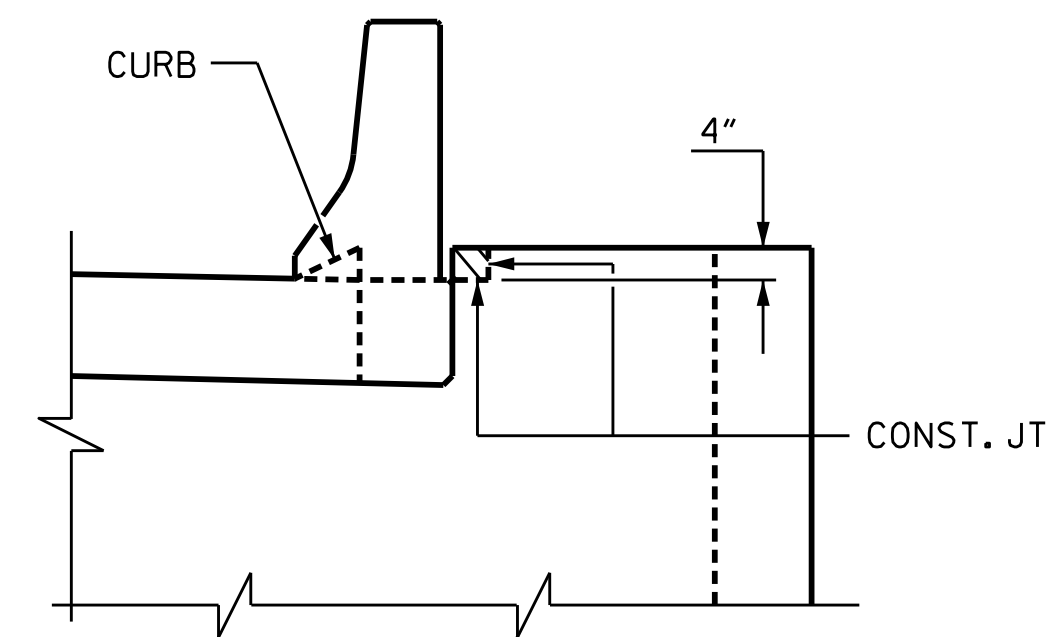
BILL OF MATERIAL					
END BENT 1					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	10	1	43'-9"	753
B2	5	9	1	43'-5"	738
B3	28	4	STR.	21'-8"	405
B4	11	4	STR.	2'-11"	21
B5	5	4	STR.	11'-8"	39
D1	56	4	STR.	5'-10"	218
H1	76	5	6	13'-2"	1044
K1	24	4	STR.	2'-8"	43
S1	20	4	2	6'-6"	87
S2	38	5	3	11'-1"	439
S3	38	5	4	3'-10"	152
U1	9	4	5	5'-11"	36
V1	64	4	STR.	9'-6"	406
REINFORCING STEEL, LB					4381
CLASS A CONCRETE, CY				POUR 1	24.6
				POUR 2	6.5
TOTAL					31.1
HP 12X53 STEEL PILES				NO.	5
				LF	275
PILE DRIVING EQUIPMENT SETUP FOR HP 12X53 STEEL PILES, EA.					5
PILE REDRIVES, EA.					3



**PILE SPLICE DETAILS**



**PLAN**



**ELEVATION**

**BLOCKOUT IN WING WALL**

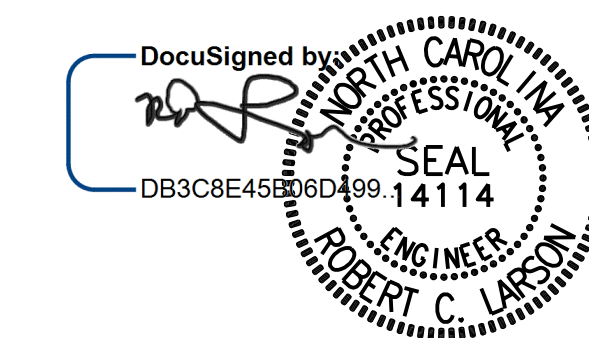
THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

PROJECT NO. B-5703  
CUMBERLAND/HARNETT COUNTY  
 STATION: 16+92.70 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUBSTRUCTURE  
 END BENT 1**



7/1/2021

DESIGN ENGINEER OF RECORD:	DATE:
<i>[Signature]</i>	7/1/2021
DRAWN BY: F. A. BARHAM	DATE: 03/12/19
CHECKED BY: R. C. LARSON	DATE: 09/21/20

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



NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			S-20
2			4			TOTAL SHEETS 29

KCI JOB NO: 251801945.13