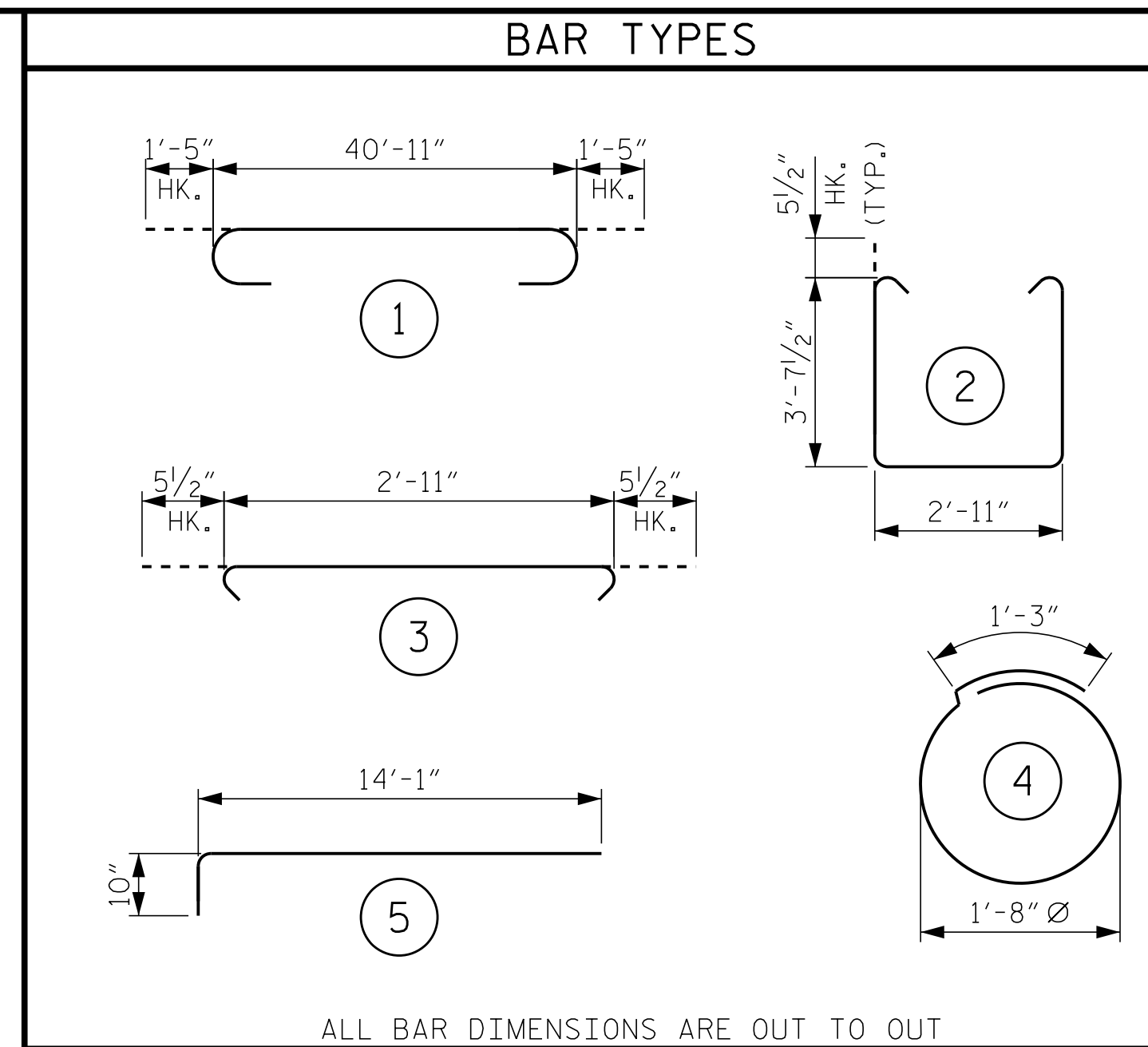
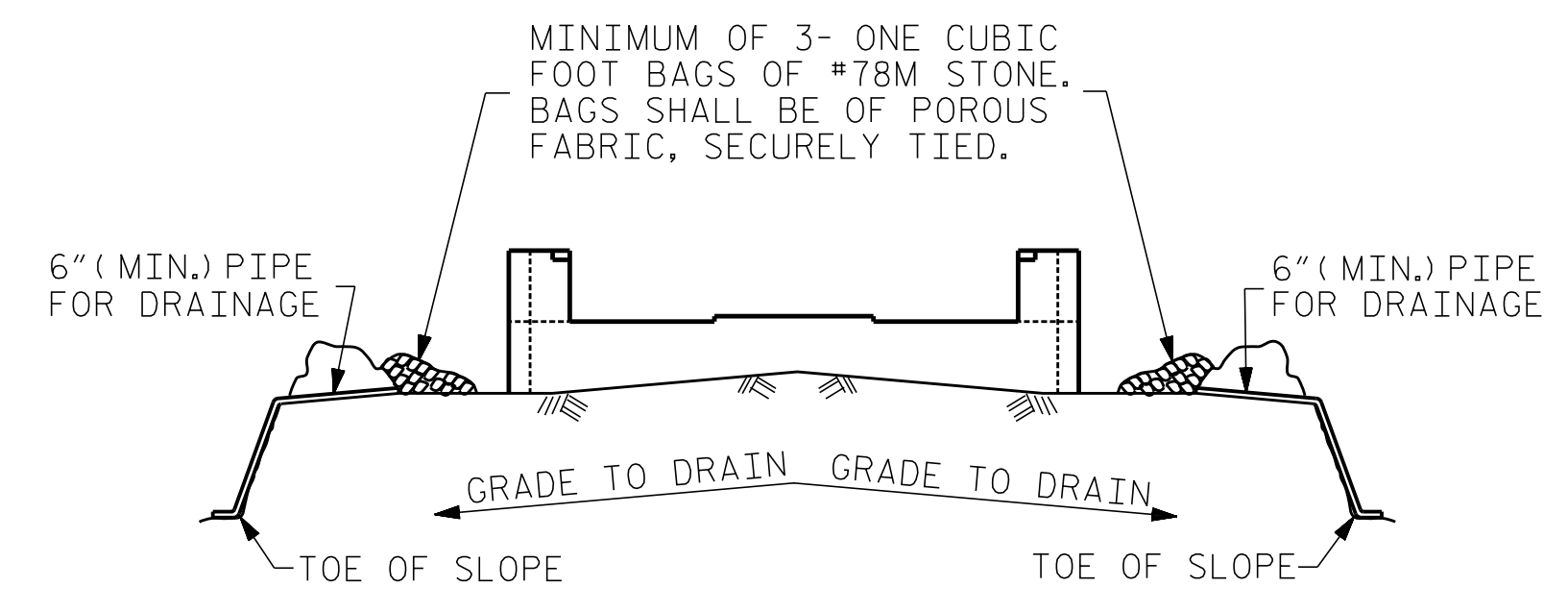


SECTION A-A



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL					
END BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	10	STR	40'-11"	1,056
B2	6	10	1	43'-9"	1,130
B3	6	5	STR	40'-11"	256
B4	8	4	STR	21'-8"	116
B5	11	4	STR	2'-11"	21
H1	32	5	5	14'-11"	498
S1	52	5	2	11'-1"	601
S2	52	5	3	3'-10"	208
S3	20	4	4	6'-6"	87
V1	72	4	STR	5'-6"	265
V2	56	4	STR	8'-8"	324
REINFORCING STEEL					4,562 LBS.
CLASS A CONCRETE BREAKDOWN					
POUR 1 (CAP, LOWER WING WALLS, & COLLARS)					24.3 C.Y.

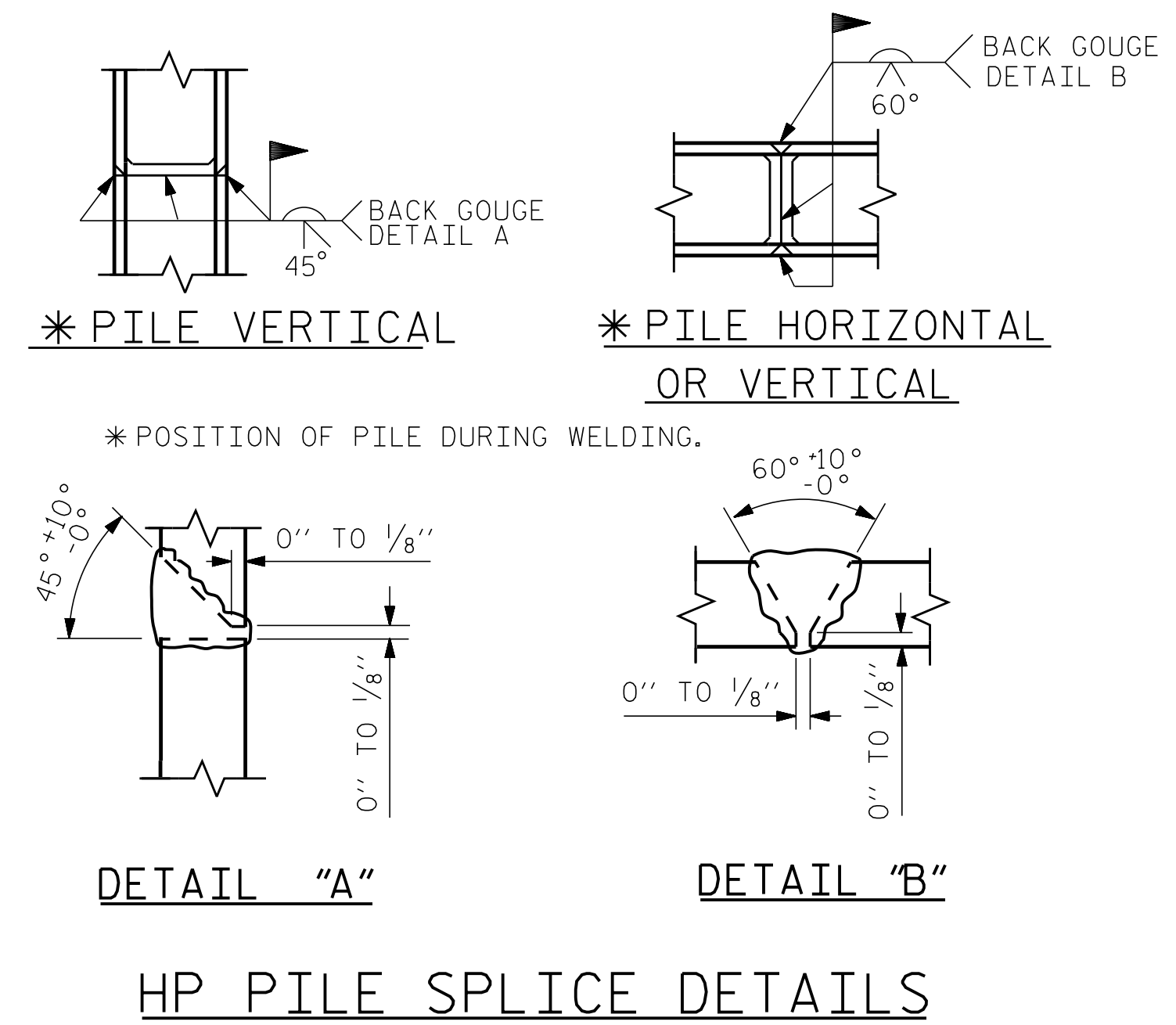


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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**



DETAIL "A"      DETAIL "B"

**HP PILE SPLICE DETAILS**

PROJECT NO. B-5156  
PENDER COUNTY  
 STATION: 22+90.50 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**END BENT 2  
 SECTION AND DETAILS**

Designed by:  
 Clay + Poole  
 1/10/2024

**NORTH CAROLINA**  
 PROFESSIONAL SEAL  
 047653  
**CLAY T. POOLE**  
 ENGINEER

**Kimley»Horn**  
 421 Fayetteville Street, Suite 600  
 Raleigh, NC 27601-1772  
 Phone (919) 677-2000 NC LICENSE # F-0102

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-41
1			3			TOTAL SHEETS
2			4			45

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

K:\BID Structures\Bridges\N.C. 011036491 - B-5156\Coord\Drawings\B5156\_SML.E6\_700208.dgn

DRAWN BY: <u>D. D. LOWERY</u>	DATE: <u>03/2023</u>
CHECKED BY: <u>A. L. PHILLIPS</u>	DATE: <u>03/2023</u>
DESIGN ENGINEER OF RECORD: <u>C. T. POOLE</u>	DATE: <u>03/2023</u>