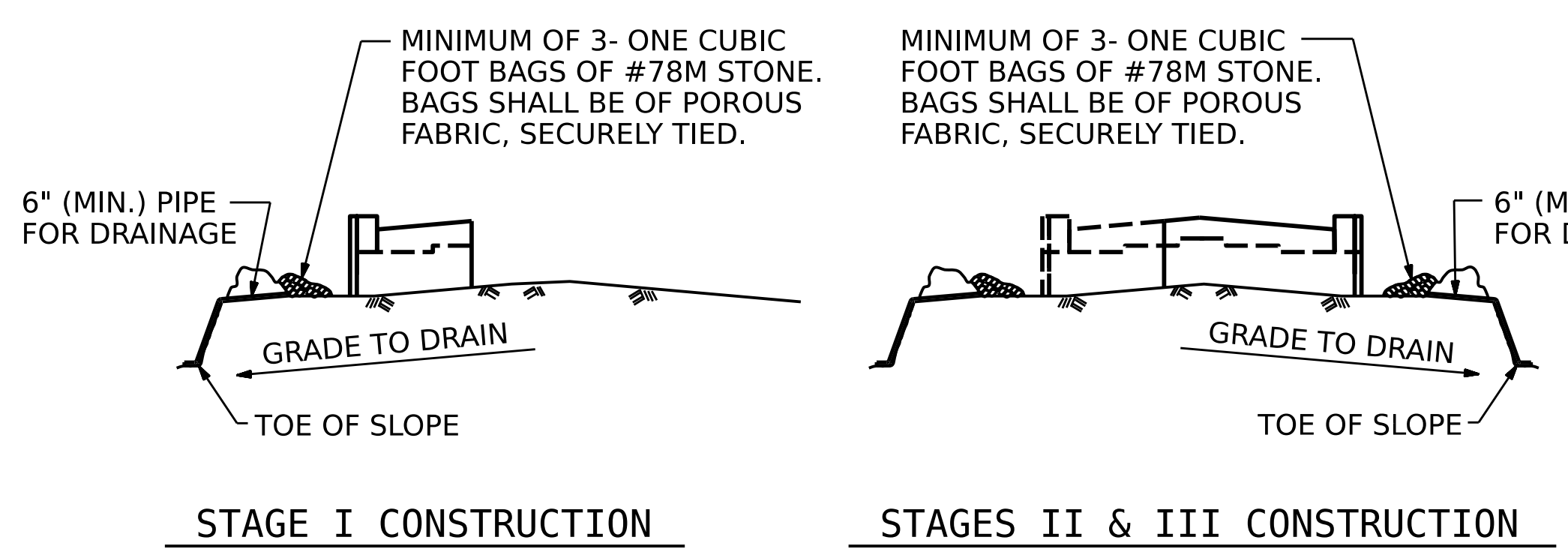
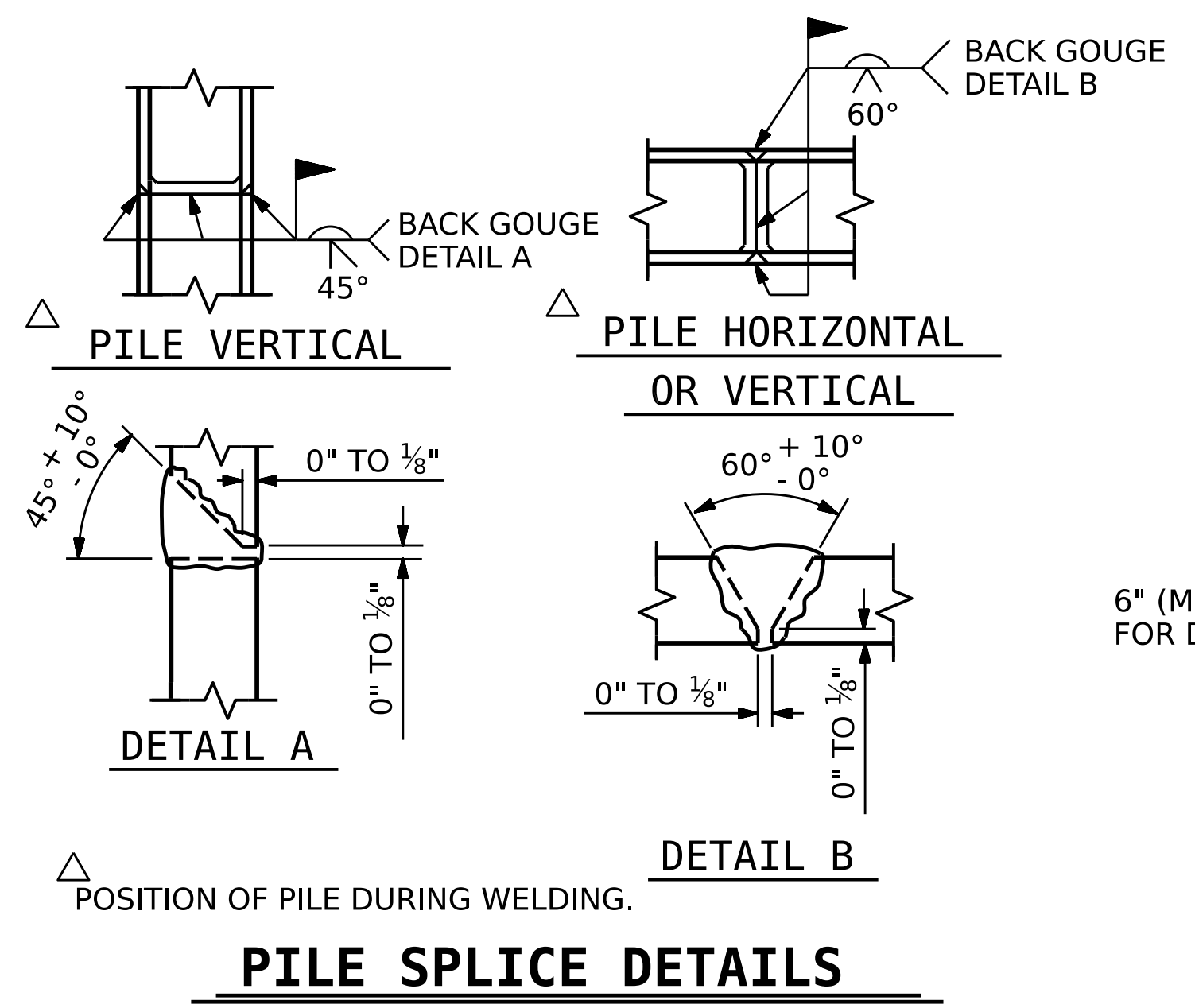


BILL OF MATERIAL

INTEGRAL END BENT 2

STAGE I						STAGE II					STAGE III						
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	1	9	1	48'-6"	165	B13	11	4	STR	3'-11"	29	B13	12	4	STR	3'-11"	31
B2	1	9	1	46'-9"	159	B14	6	9	STR	47'-7"	971	B21	1	9	1	49'-3"	167
B3	1	9	1	48'-10"	166	B15	12	5	STR	46'-6"	582	B22	1	9	1	49'-0"	167
B4	1	9	1	47'-3"	161	B16	6	9	STR	10'-4"	211	B23	1	9	1	48'-11"	166
B5	1	9	1	49'-4"	168	B17	2	5	STR	29'-8"	62	B24	1	9	1	48'-6"	165
B6	1	9	1	47'-7"	162	B18	6	9	STR	43'-0"	877	B25	1	9	1	48'-4"	164
B7	20	5	STR	25'-9"	537	B19	6	4	STR	3'-2"	13	B26	1	9	1	48'-2"	164
B8	6	9	1	33'-1"	675	B20	6	9	STR	13'-10"	282	B27	20	5	STR	25'-7"	534
B9	2	5	STR	19'-6"	41	B33	8	4	STR	25'-3"	135	B28	2	5	STR	19'-2"	40
B10	3	9	STR	22'-10"	233							B29	6	9	STR	24'-6"	500
B11	3	9	STR	24'-10"	253	S1	126	5	4	4'-5"	580	B30	6	4	STR	7'-0"	28
B12	6	4	STR	4'-4"	17	S4	126	5	5	13'-3"	1741	B31	12	4	STR	8'-4"	67
B13	11	4	STR	3'-11"	29	S5	36	4	6	7'-7"	183	B32	6	9	1	33'-4"	680
B33	8	4	STR	25'-3"	135							B33	8	4	STR	25'-3"	135
H1	23	5	2	11'-9"	282	U1	3	4	7	6'-1"	12	H3	23	5	3	12'-8"	304
H2	23	5	2	11'-7"	278	V1	70	4	STR	6'-10"	320	H4	23	5	3	12'-10"	308
K1	30	4	STR	2'-9"	55							K1	30	4	STR	2'-9"	55
S1	132	5	4	4'-5"	608							S1	136	5	4	4'-5"	626
S2	66	5	5	11'-7"	797							S2	64	5	5	11'-7"	773
S3	66	5	5	12'-3"	843							S3	72	5	5	12'-3"	920
S5	36	4	6	7'-7"	183							S5	40	4	6	7'-7"	203
U1	3	4	7	6'-1"	12							U1	17	4	7	6'-1"	69
V1	66	4	STR	6'-10"	301							V1	74	4	STR	6'-10"	338
V2	32	5	STR	11'-2"	373							V3	34	5	STR	11'-4"	402
REINFORCING STEEL					6,633 LBS.	REINFORCING STEEL					5,998 LBS.	REINFORCING STEEL					7,006 LBS.
CLASS A CONCRETE					33.6 C.Y.	CLASS A CONCRETE					35.9 C.Y.	CLASS A CONCRETE					37.2 C.Y.
POUR #1 (CAP, COLLARS, & LOWER WINGWALLS)						POUR #1 (CAP, COLLARS, & LOWER WINGWALLS)						POUR #1 (CAP, COLLARS, & LOWER WINGWALLS)					
POUR #2 (UPPER WINGWALL)					3.7 C.Y.	POUR #2 (UPPER WINGWALL)						POUR #2 (UPPER WINGWALL)					3.7 C.Y.
TOTAL = 37.3 C.Y.						TOTAL = 35.9 C.Y.						TOTAL = 40.9 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.

PROJECT NO. **B-4442**
BUNCOMBE COUNTY
 STATION: **315+72.39 -L-**
 SHEET 6 OF 6

DocuSigned by:
 John E. Sloan
 8/17/2022

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			58
2			4			58

DRAWN BY: D.R. DRUM DATE: 03/2022
 CHECKED BY: J.C. MORRISON DATE: 05/2022
 DESIGN ENGINEER OF RECORD: J.E. SLOAN DATE: 05/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED