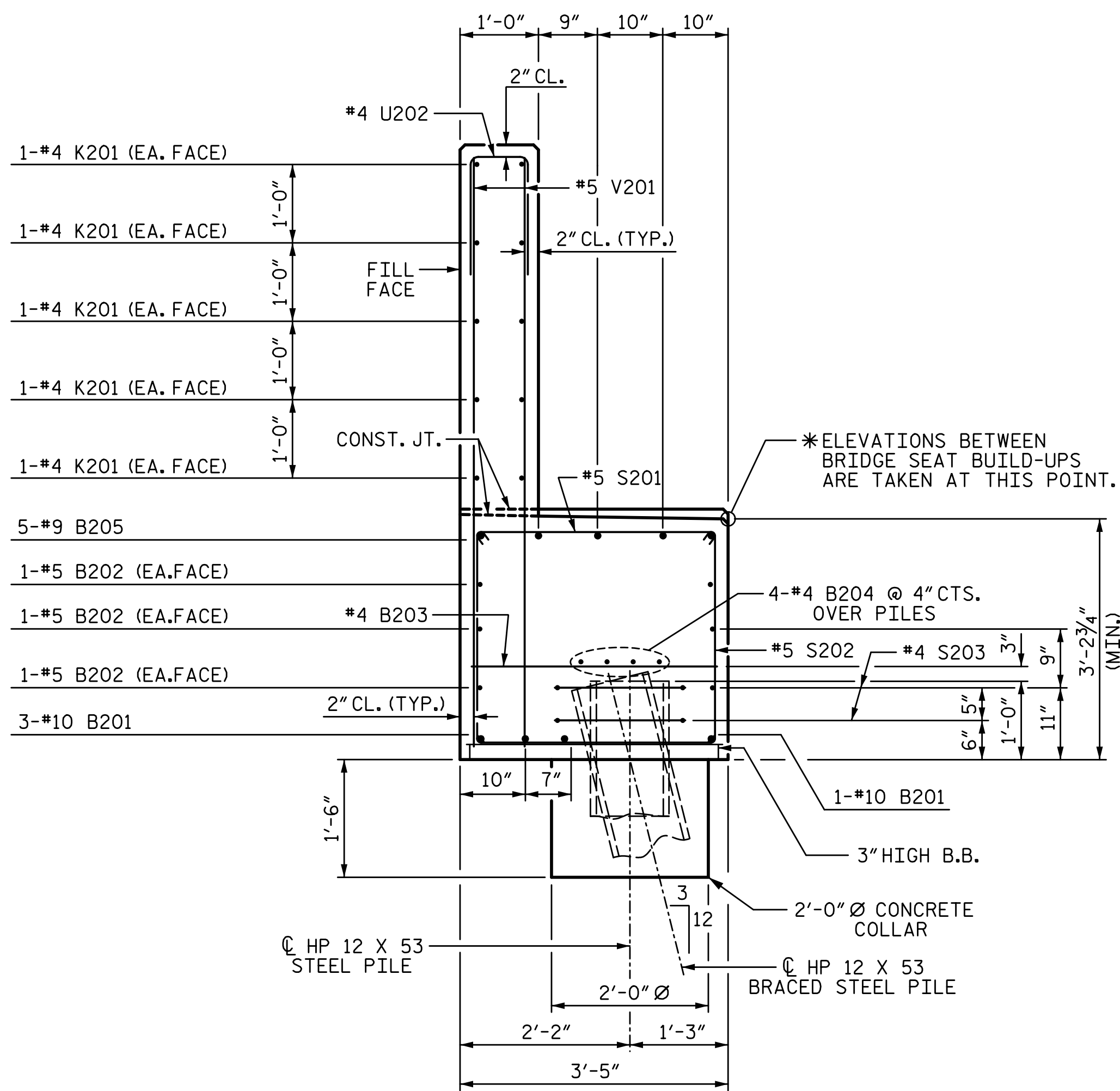
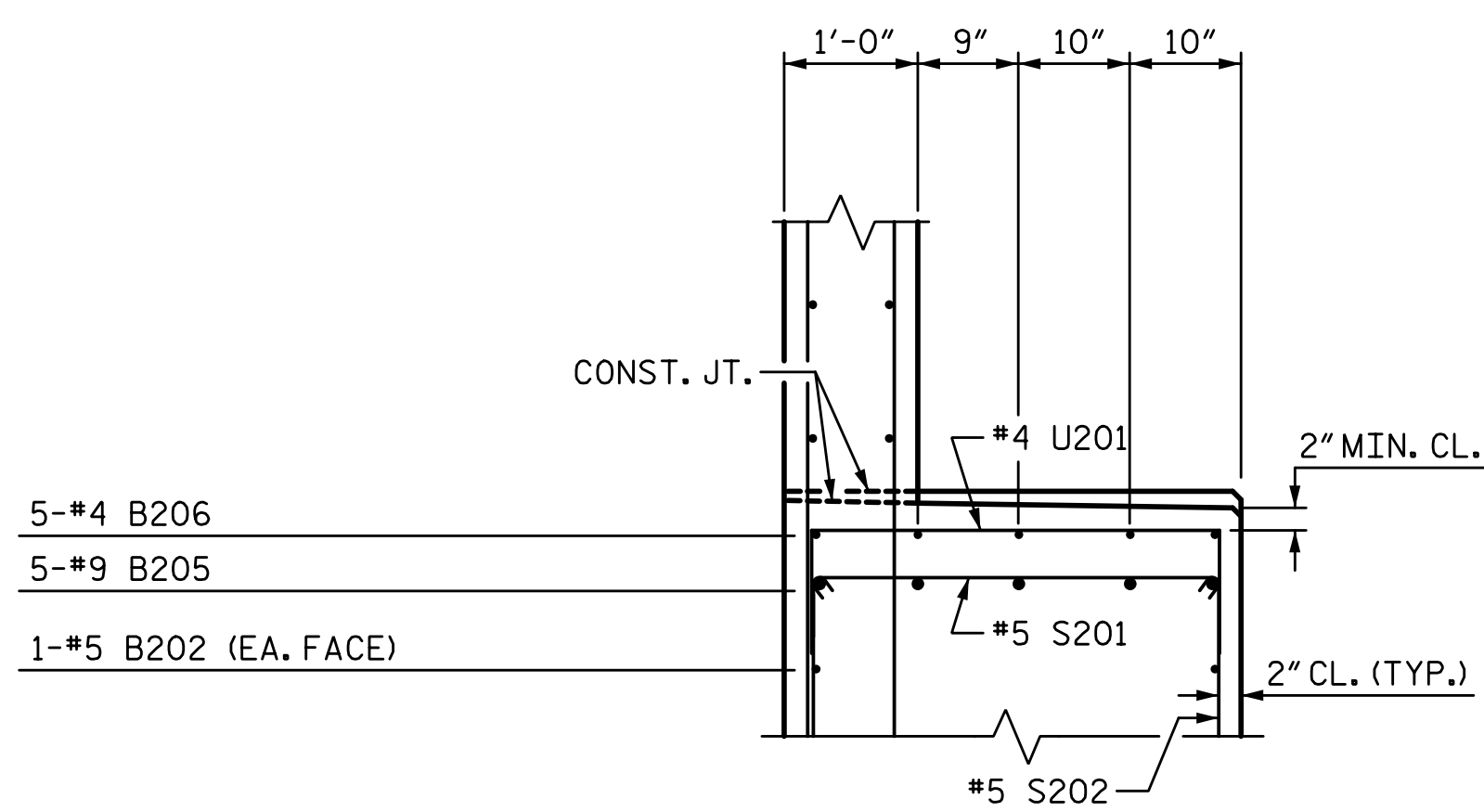


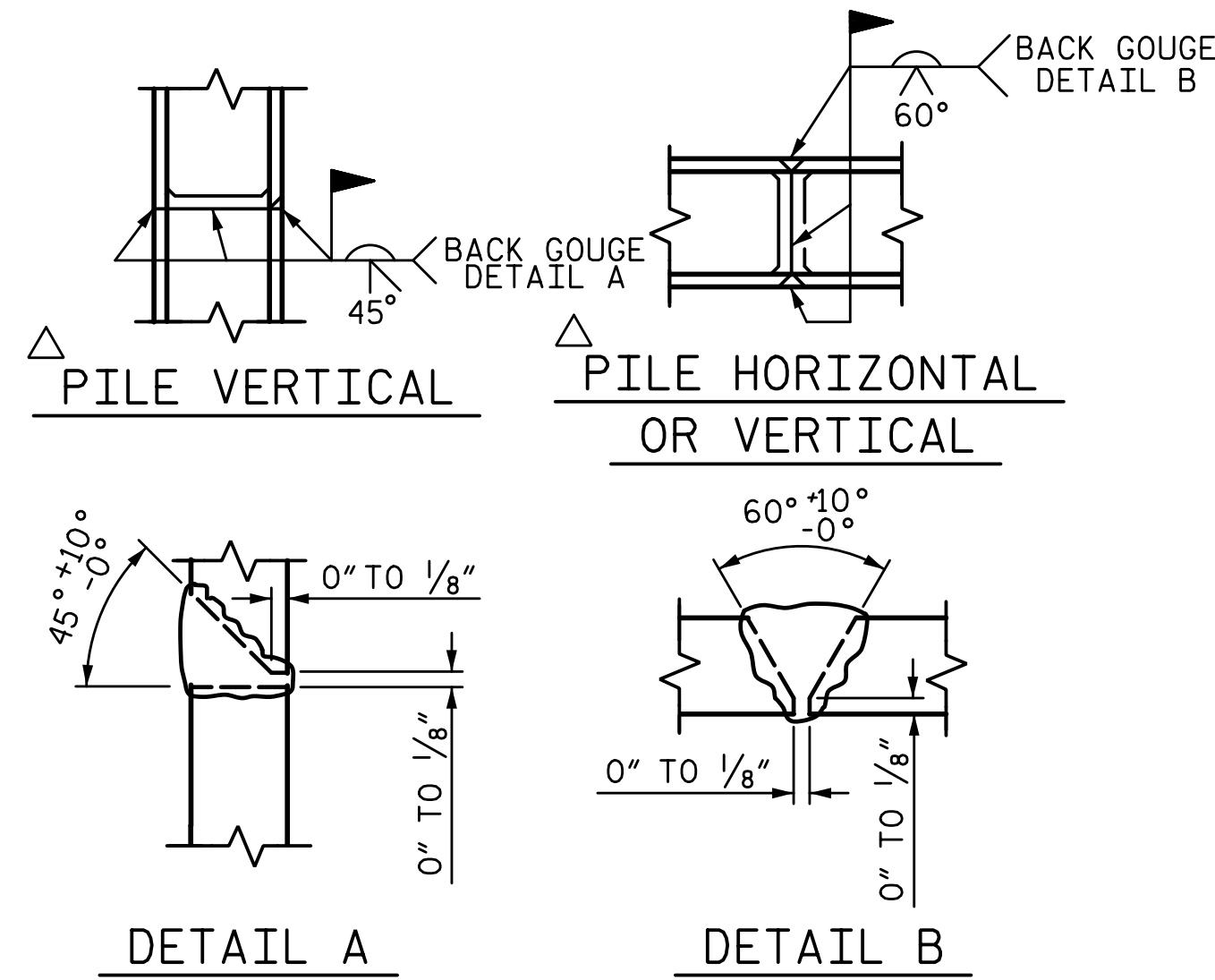
3/18/2022 11:06:57 AM G:\Projects\2020\Division 6 (Mott) Mac - NV5\I-5987B\Structures\Site 9 (L over Little Marsh Swamp)\Drawings\Final\I5987B_SMU_E2_770164.dgn



SECTION A2-A2



PART SECTION B2-B2



PILE SPLICE DETAILS

△ POSITION OF PILE DURING WELDING.

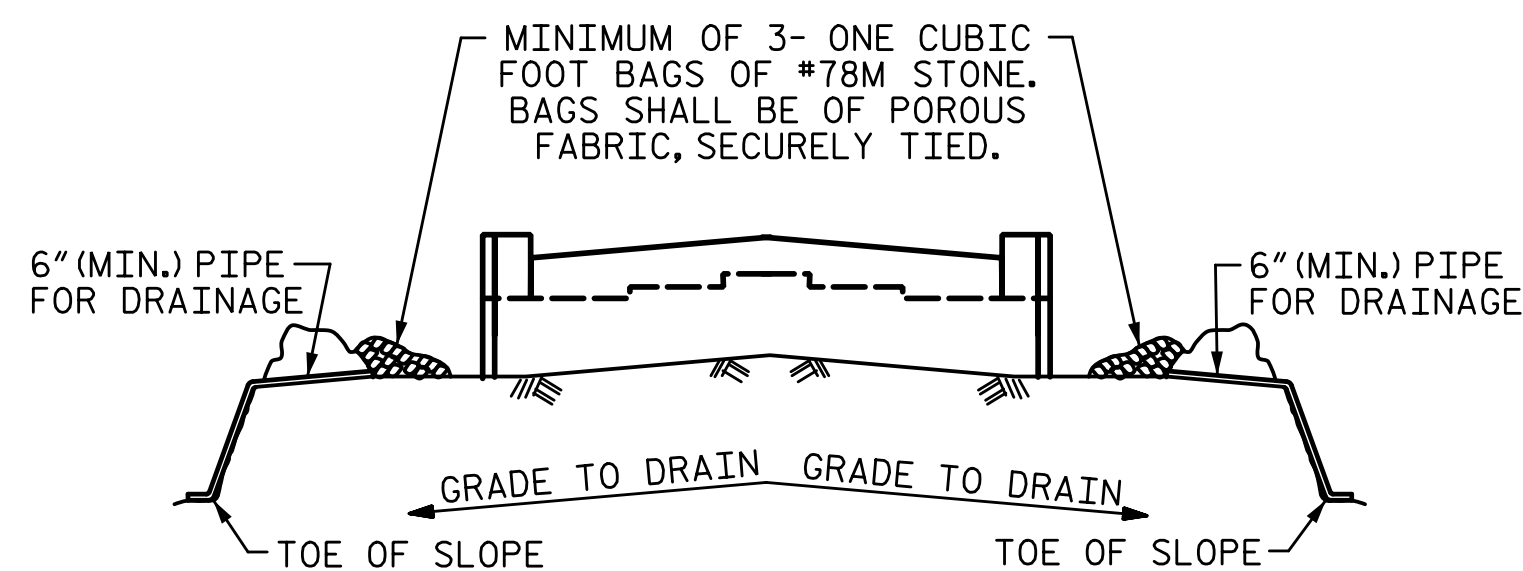
BAR TYPES

BILL OF MATERIAL

END BENT 2 - STAGE II

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B201	4	#10	STR	41'-8"	717
B202	6	#5	STR	39'-6"	247
B203	9	#4	STR	3'-1"	19
B204	4	#4	STR	39'-6"	106
B205	5	#9	STR	41'-0"	697
B206	10	#4	STR	9'-3"	62
B207	5	#4	STR	4'-4"	14
K201	10	#4	STR	39'-6"	264
S201	38	#5	1	4'-0"	159
S202	38	#5	2	9'-7"	380
S203	14	#4	3	6'-6"	61
U201	18	#4	4	6'-1"	73
U202	37	#4	4	3'-8"	91
V201	74	#5	STR	7'-5"	572
TOTAL REINFORCING STEEL					3462 LB
CLASS A CONCRETE BREAKDOWN					
POUR 1 (CAP & COLLARS)					17.3 CY
POUR 2 (BACKWALL)					6.3 CY
TOTAL CLASS A CONCRETE					23.6 CY

ALL BAR DIMENSIONS ARE OUT TO OUT



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

PROJECT NO. I-5987B
ROBESON COUNTY
 STATION: 803+15.00 -L-

SHEET 5 OF 8

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE

END BENT 2

STAGE II

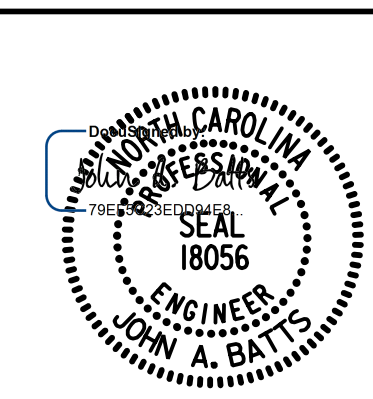
REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			TOTAL SHEETS
2			4			69



5640 Dillard Drive, Suite 200
 Cary, NC 27518

LICENSURE NO. C-4434



3/21/2022

DRAWN BY: S.D. COOPER DATE: 3-22
 CHECKED BY: J.A. BATTS DATE: 3-22
 DESIGN ENGINEER OF RECORD: J.A. BATTS DATE: 3-22

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED