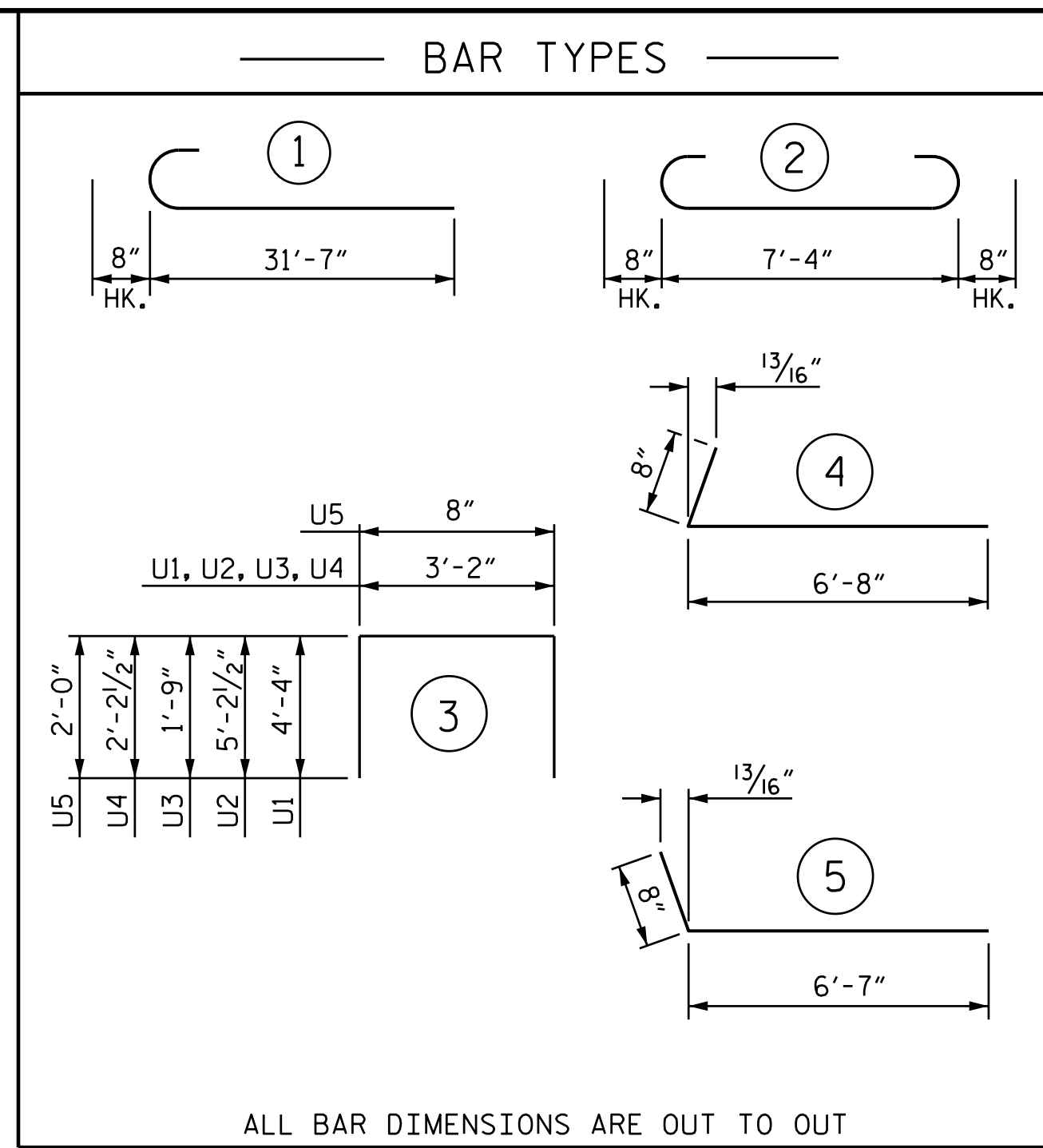
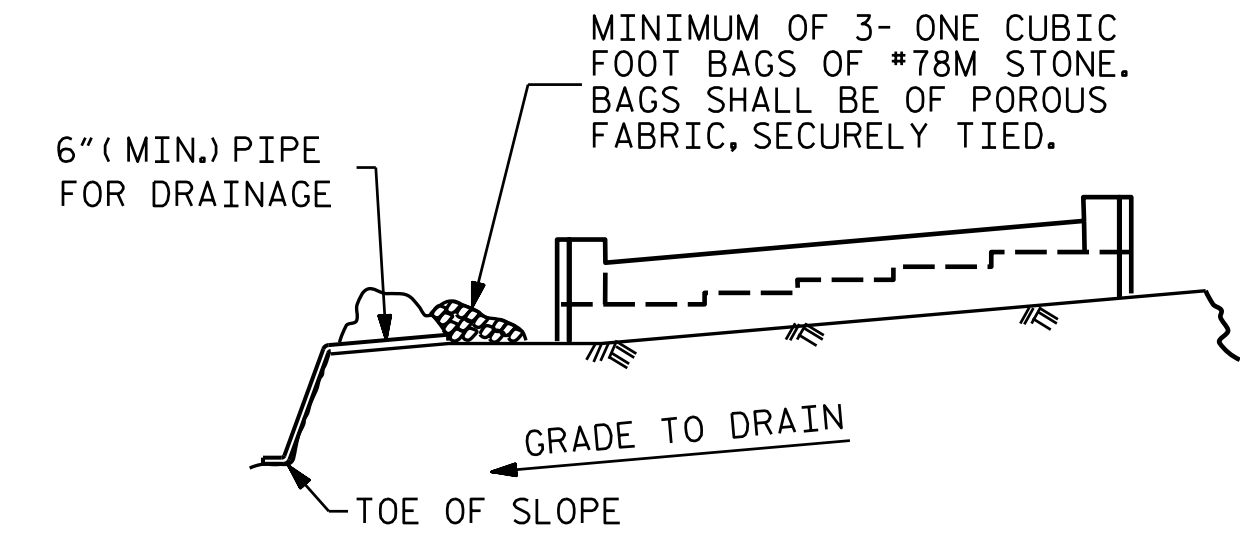


PLAN OF FOOTING



BILL OF MATERIAL					
END BENT 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	#9	STR	36'-7"	498
B2	4	#9	STR	29'-8"	403
B3	12	#4	STR	30'-0"	240
B4	2	#4	STR	23'-5"	31
B5	12	#4	STR	3'-4"	27
B6	1	#4	STR	3'-2"	2
H1	24	#4	4	7'-4"	118
H2	28	#4	5	7'-3"	136
K1	24	#4	STR	30'-0"	481
K2	4	#4	STR	2'-11"	8
K3	4	#4	STR	3'-2"	8
K4	2	#4	STR	3'-9"	5
T1	16	#6	1	32'-3"	775
T2	62	#6	2	8'-8"	807
T3	16	#5	STR	31'-9"	530
T4	62	#5	STR	7'-4"	474
U1	28	#5	3	11'-10"	346
U2	30	#5	3	13'-7"	425
U3	14	#4	3	6'-8"	62
U4	7	#4	3	7'-7"	35
U5	51	#4	3	4'-8"	159
V1	34	#5	STR	7'-6"	266
V2	34	#5	STR	8'-3"	293
V3	34	#5	STR	8'-11"	316
V4	20	#4	STR	9'-3"	124
V5	22	#4	STR	11'-3"	165
V6	2	#4	STR	13'-3"	18
REINFORCING STEEL =					6,752 LBS
CLASS A CONCRETE: POUR #1: FOOTING					39.7 CY
POUR #2: CAP & BOTTOM OF WINGS					24.6 CY
POUR #3: BACKWALL & TOP OF WINGS					15.9 CY
CLASS A CONCRETE TOTAL:					80.2 CY

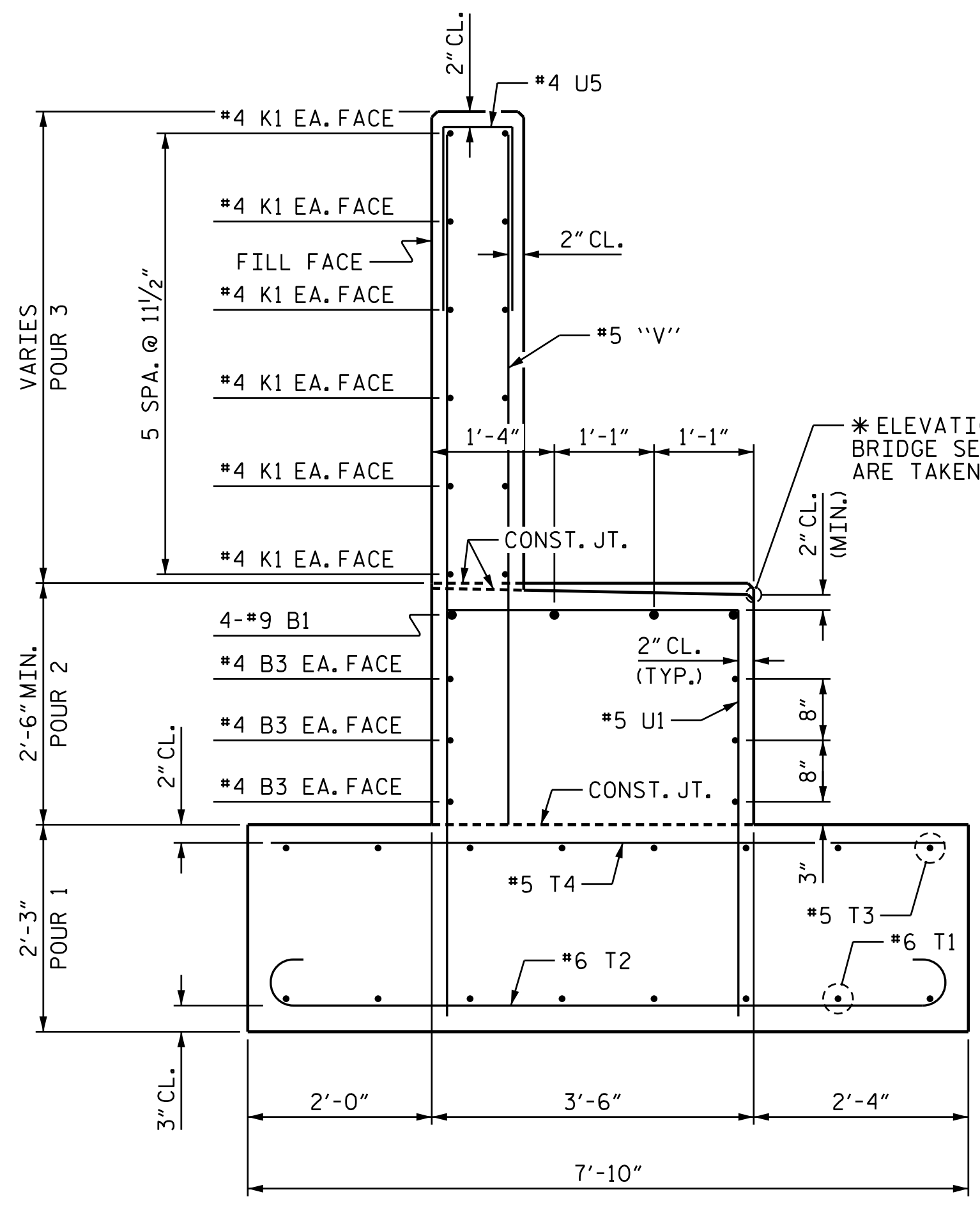


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

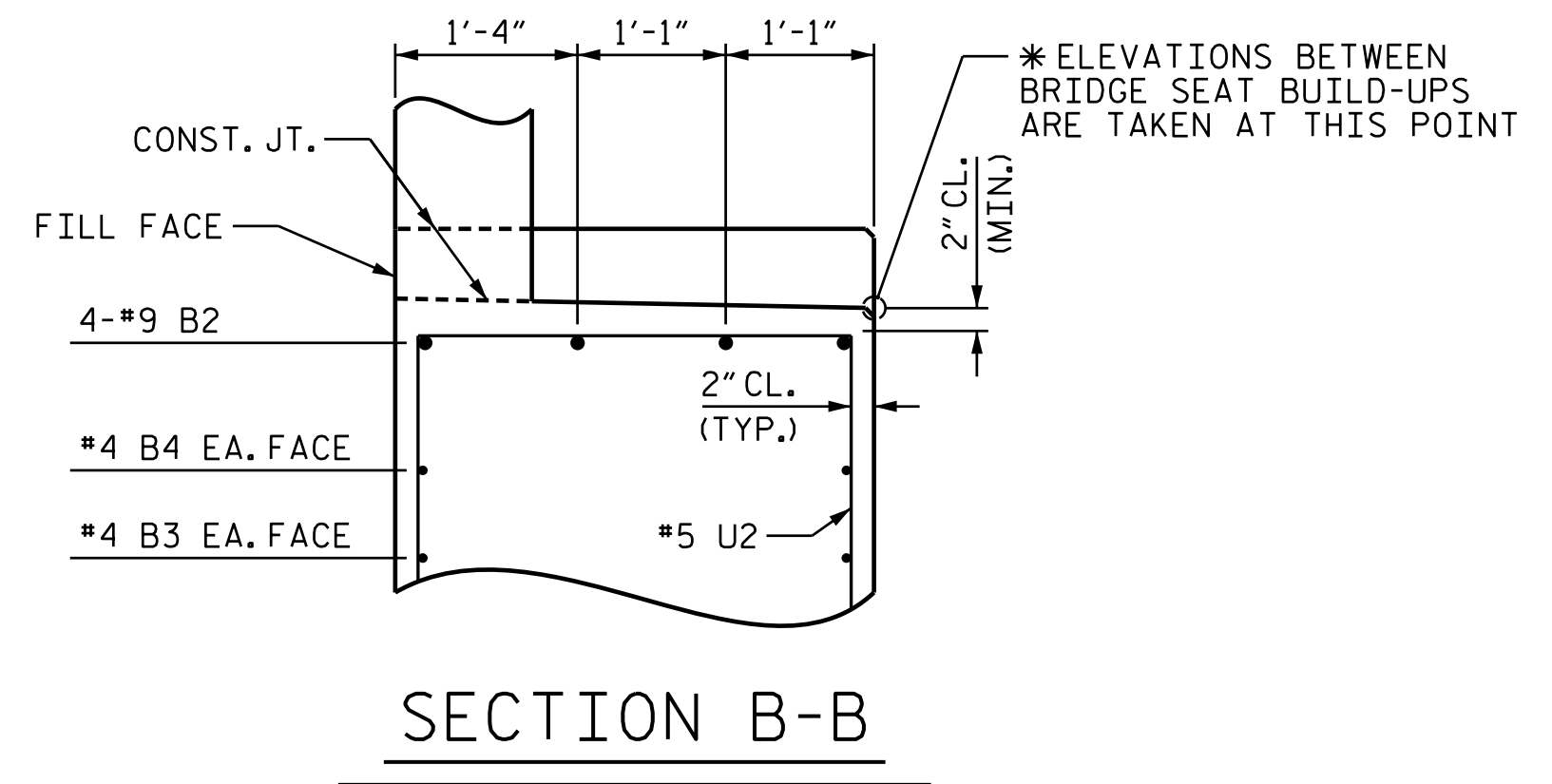
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR 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.

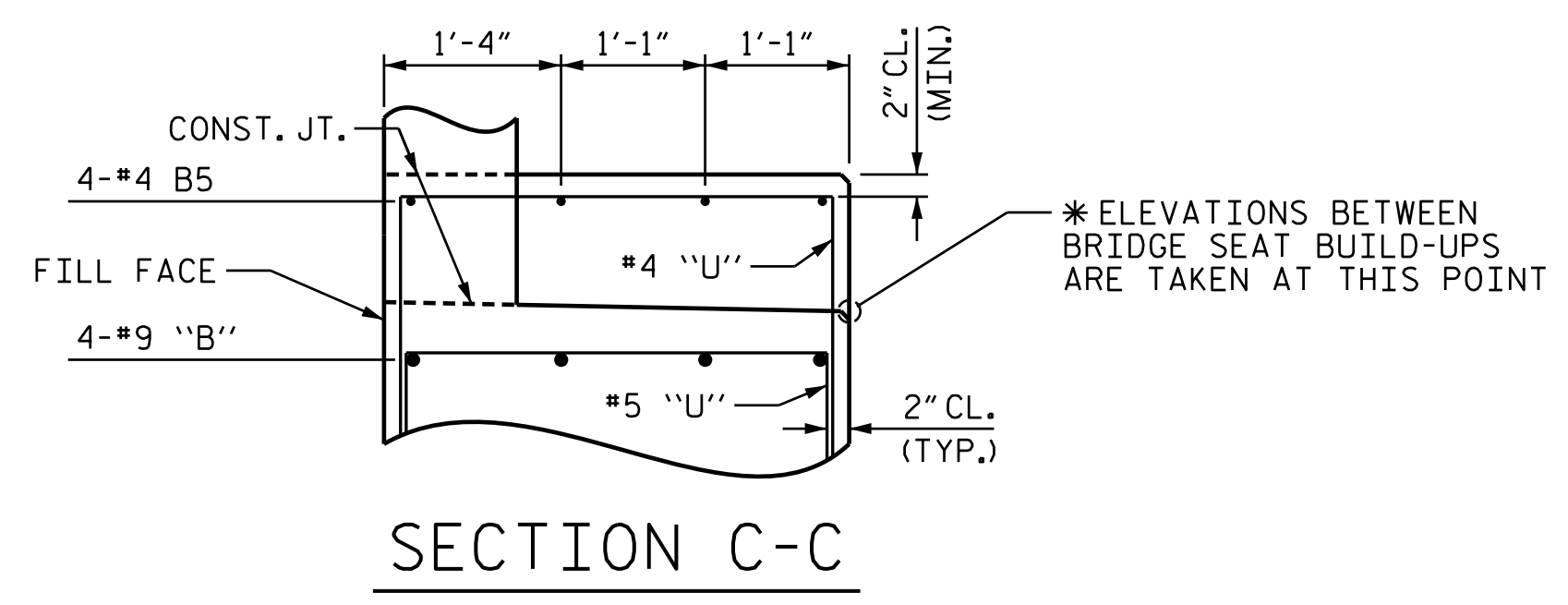
TEMPORARY DRAINAGE AT END BENT



SECTION A-A



SECTION B-B

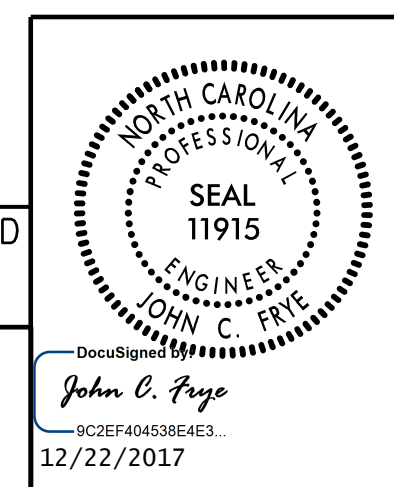


SECTION C-C

PROJECT NO. U-2525C  
GUILFORD COUNTY  
 STATION: 17+37.28 -Y16-

SHEET 3 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE END BENT 1					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:  
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 LICENSE NO. F-0669

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 3/3/2017 3:32:52 PM

DRAWN BY: J. T. WILLIAMS DATE: 9-2017  
 CHECKED BY: J. E. MONDOLFI DATE: 9-2017  
 DESIGN ENGINEER OF RECORD: J. E. MONDOLFI DATE: 11-2017