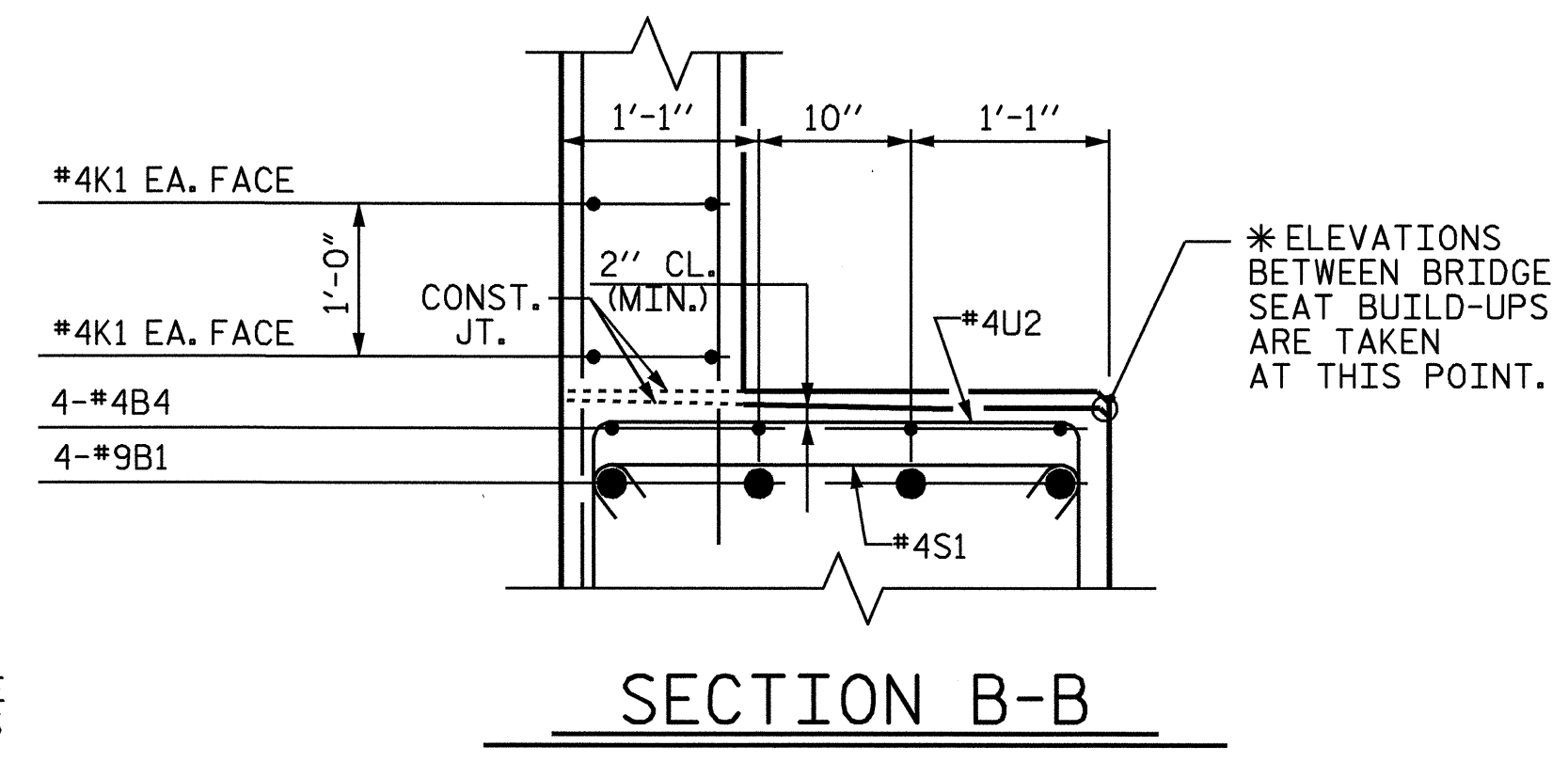


SECTION A-A

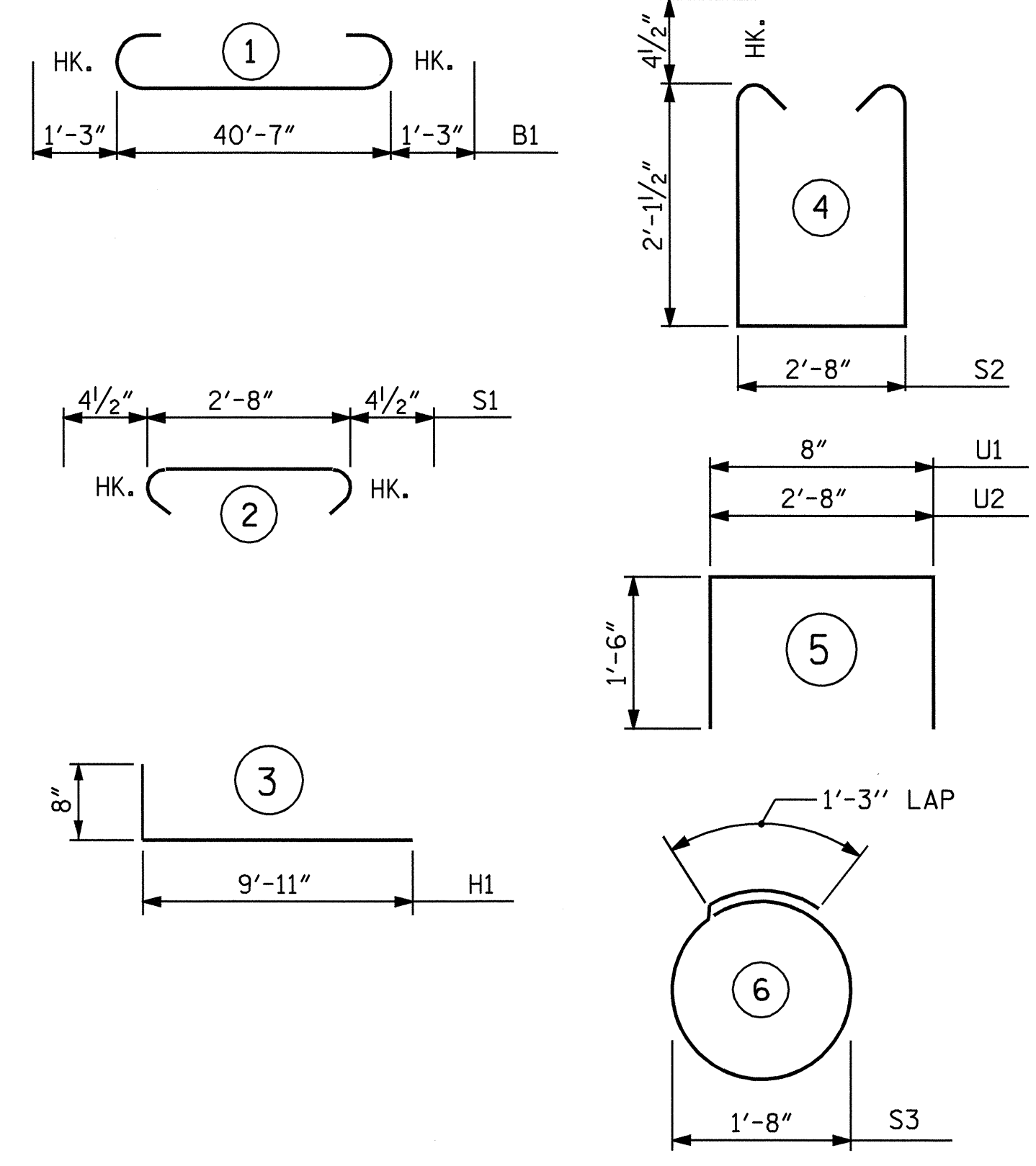


SECTION B-B

\* ELEVATIONS BETWEEN BRIDGE SEAT BUILD-UPS ARE TAKEN AT THIS POINT.

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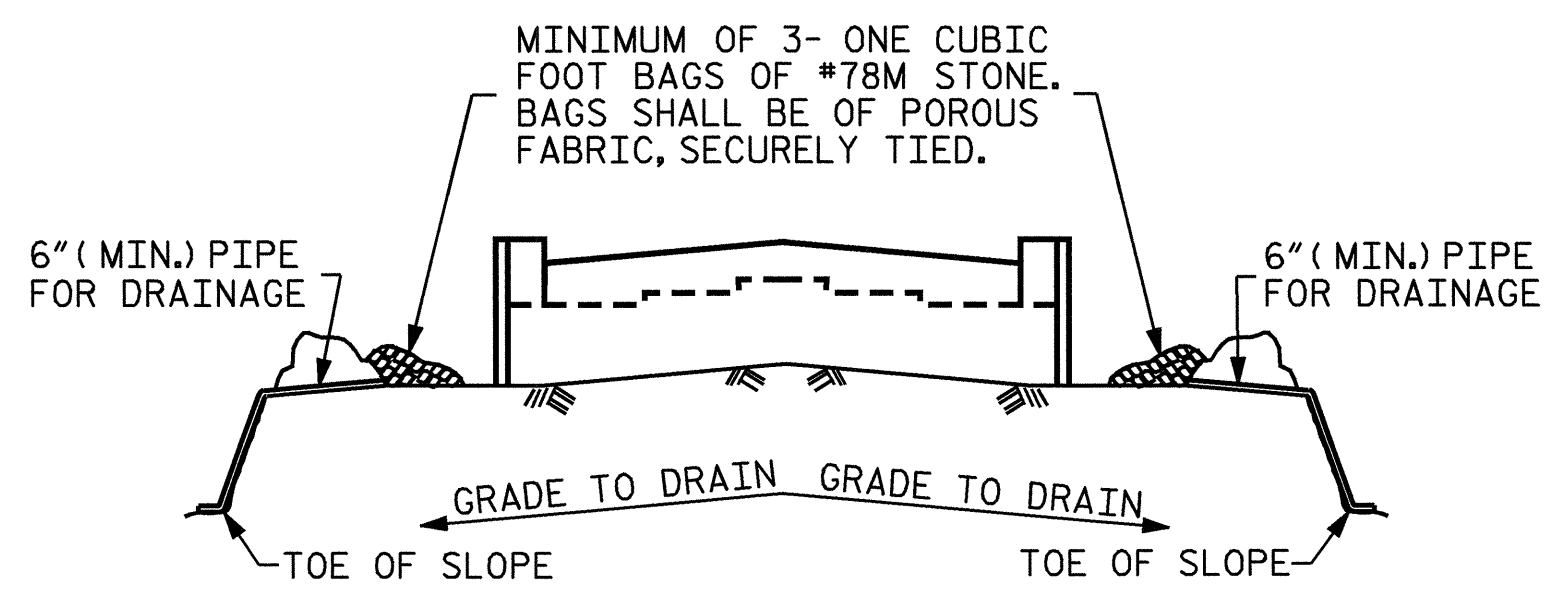
BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

END BENT #1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9	1	43'-1"	1172
B2	2	#5	STR	40'-9"	85
B3	8	#4	STR	21'-7"	115
B4	8	#4	STR	3'-3"	17
B5	11	#4	STR	2'-8"	20
H1	40	#5	3	10'-7"	442
K1	20	#4	STR	21'-7"	288
K2	8	#4	STR	2'-6"	13
S1	42	#4	2	3'-5"	96
S2	42	#4	4	7'-8"	215
S3	18	#4	6	6'-6"	78
U1	36	#4	5	3'-8"	88
U2	6	#4	5	5'-8"	23
V1	72	#5	STR	6'-9"	507
V2	52	#5	STR	7'-11"	429
REINFORCING STEEL					= 3588 LBS
CLASS A CONCRETE					
POUR #1					13.6 CU. YDS.
POUR #2					11.3 CU. YDS.
TOTAL					24.9 CU. YDS.
HP 12 x 53 STEEL PILES					180 FEET
NO. 9					

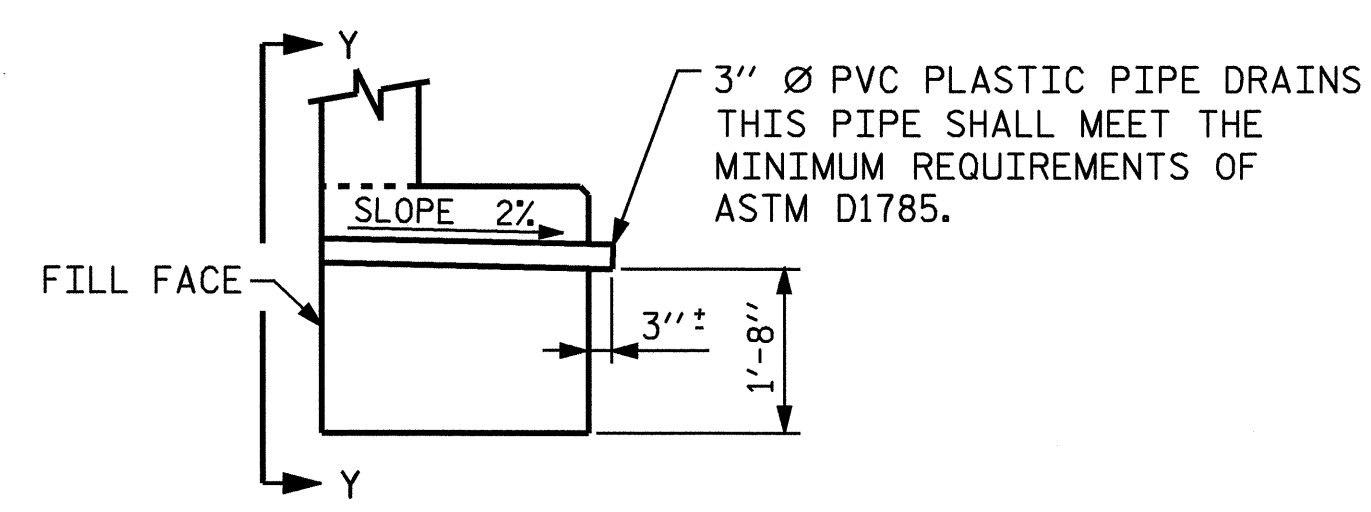


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

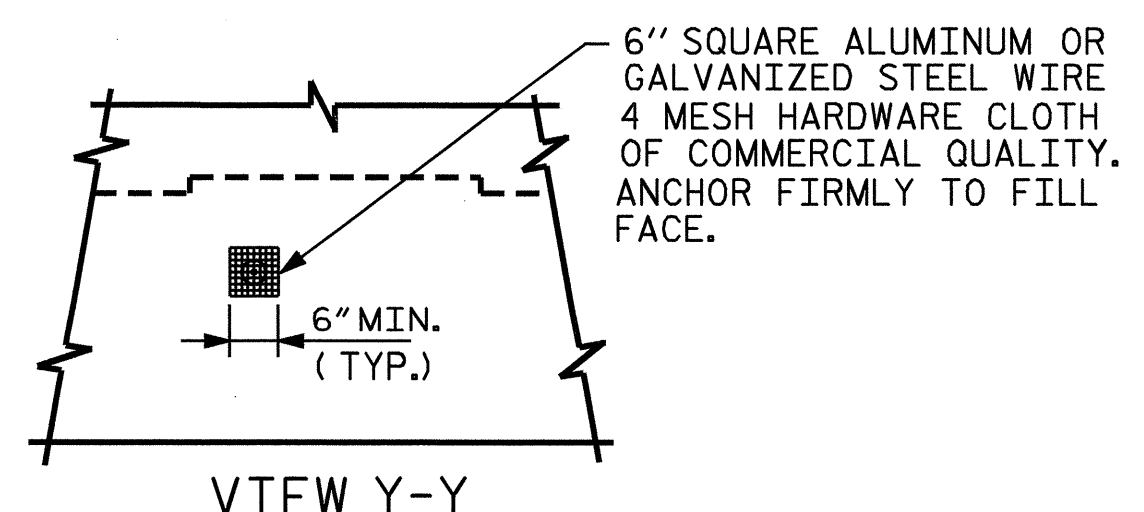
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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



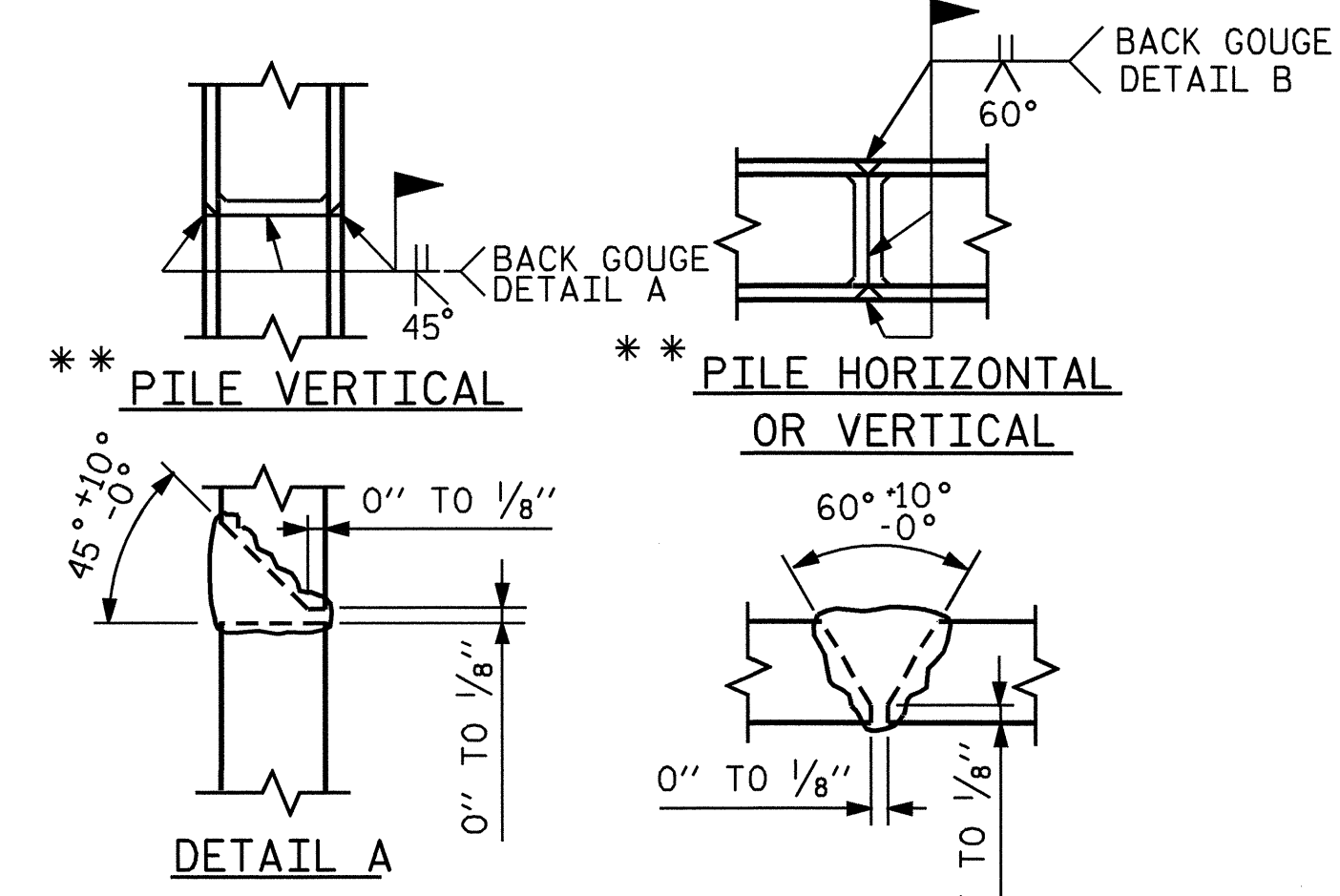
SECTION THRU CAP



VIEW Y-Y

NOTE: NO SEPARATE PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING THE PVC PLASTIC PIPE DRAINS, HARDWARE CLOTH AND FASTENERS. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE FOR THE SEVERAL PAY ITEMS.

PIPE DRAIN DETAILS



DETAIL A

DETAIL B

\*\* POSITION OF PILE DURING WELDING.

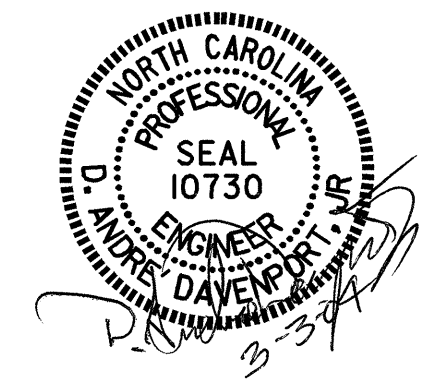
PILE SPLICE DETAILS

PROJECT NO. B-3865  
JOHNSTON COUNTY  
STATION: 28+48.00 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUBSTRUCTURE  
END BENT #1



REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		