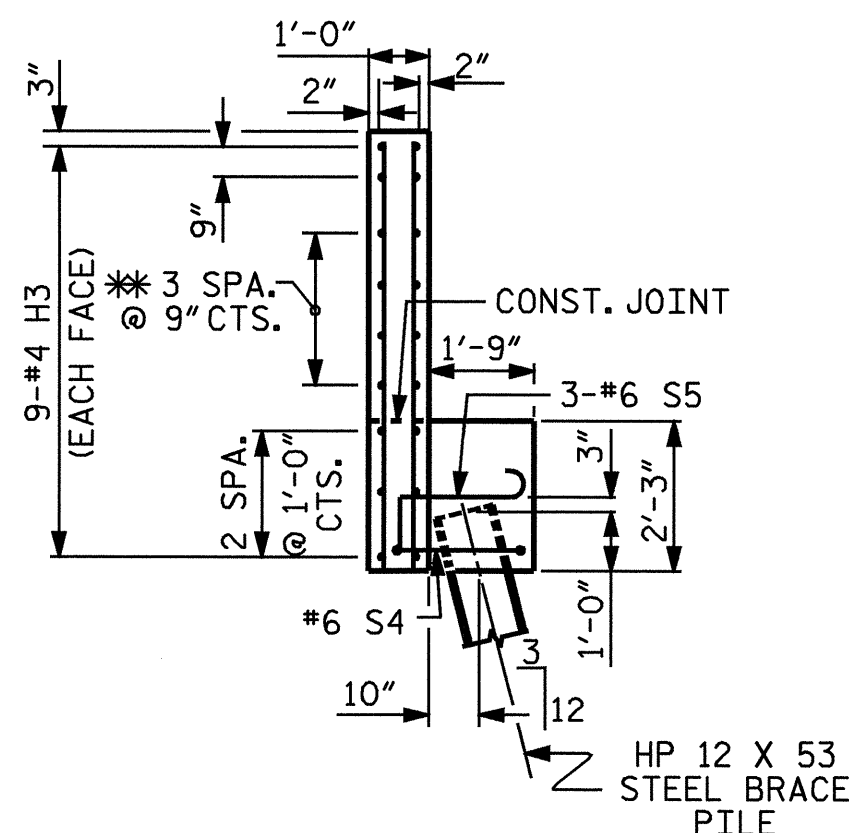
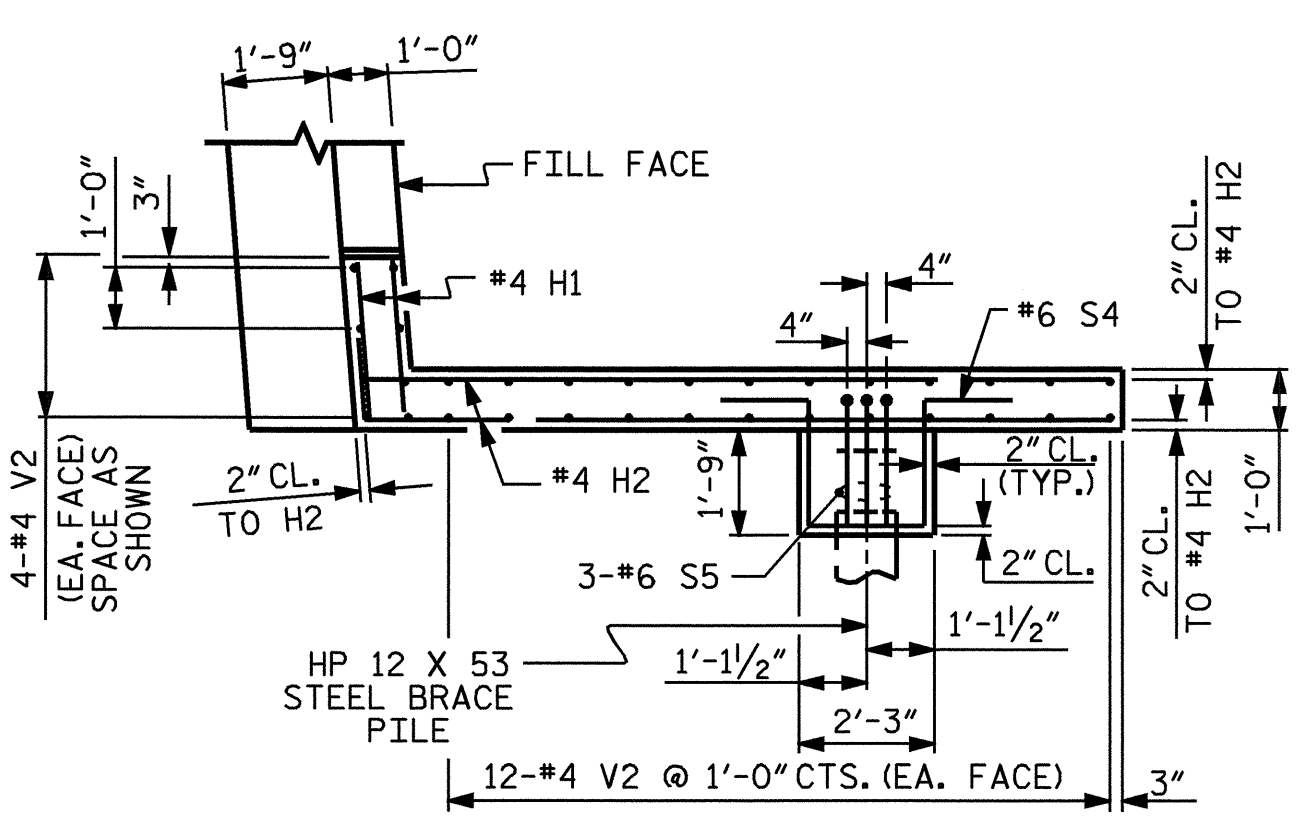


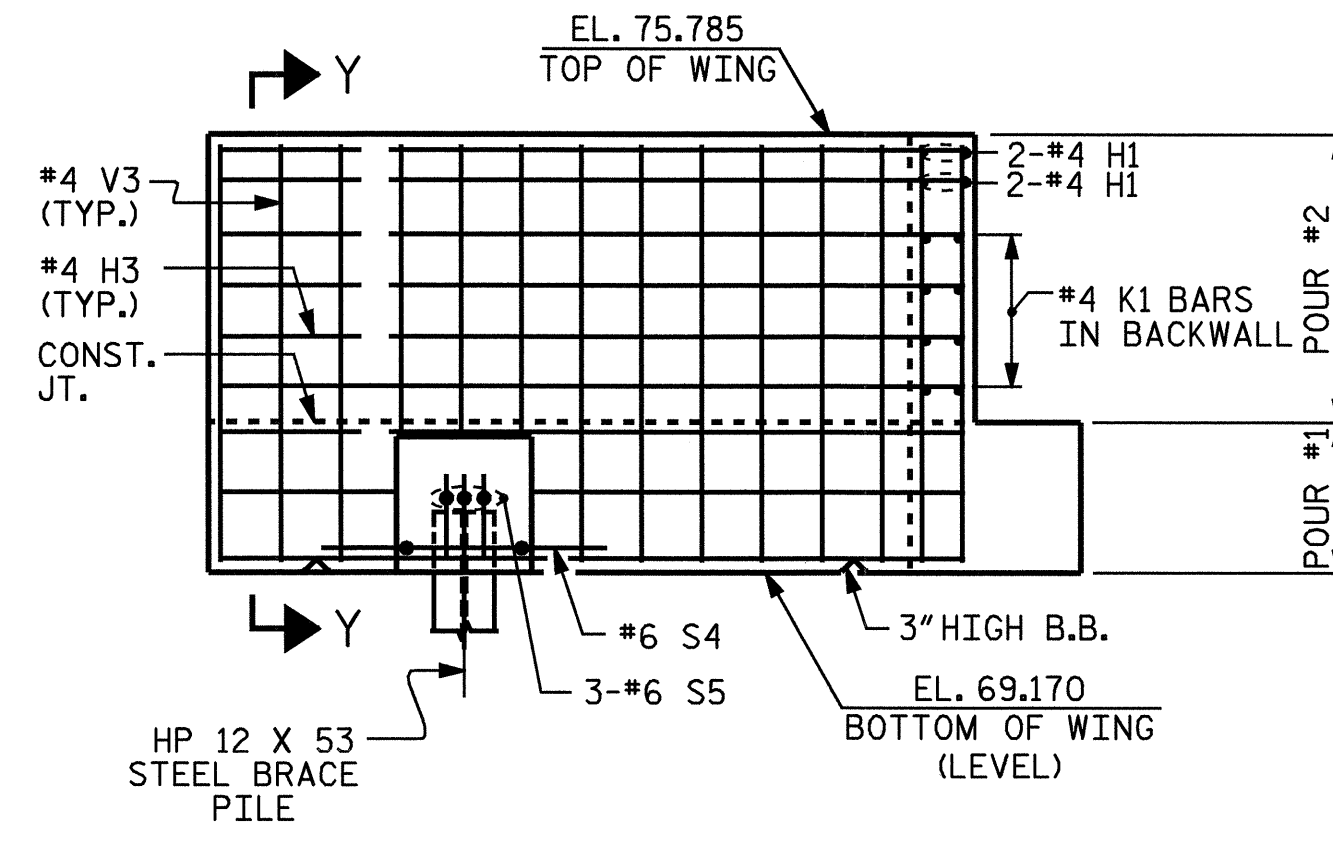
PLAN W1



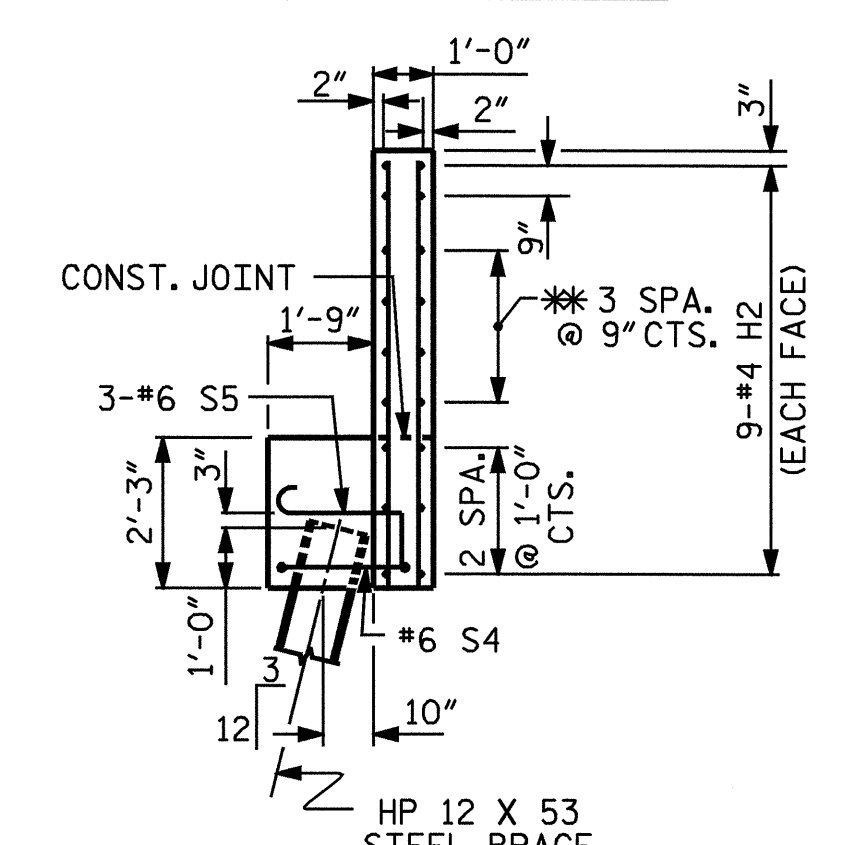
SECTION Y-Y



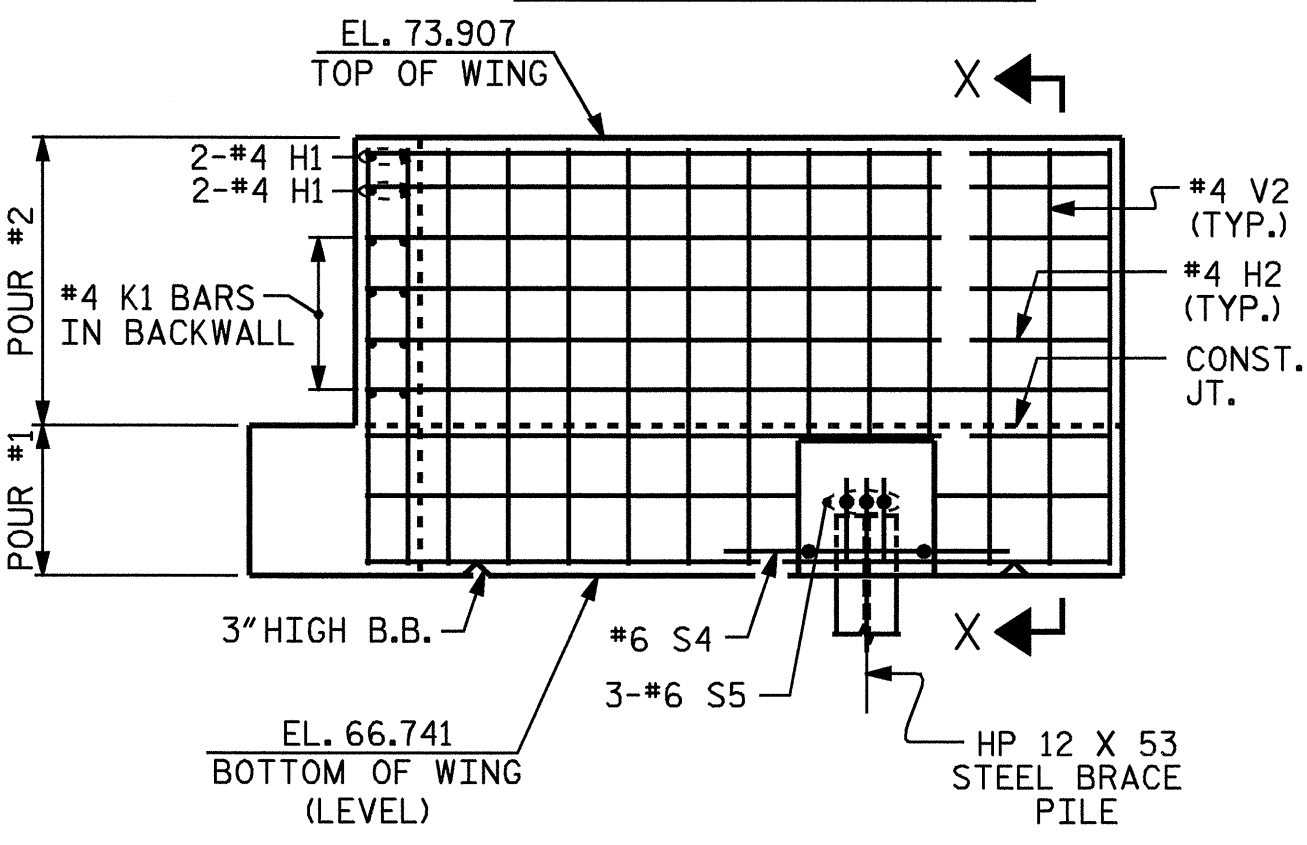
PLAN W2



ELEVATION W1

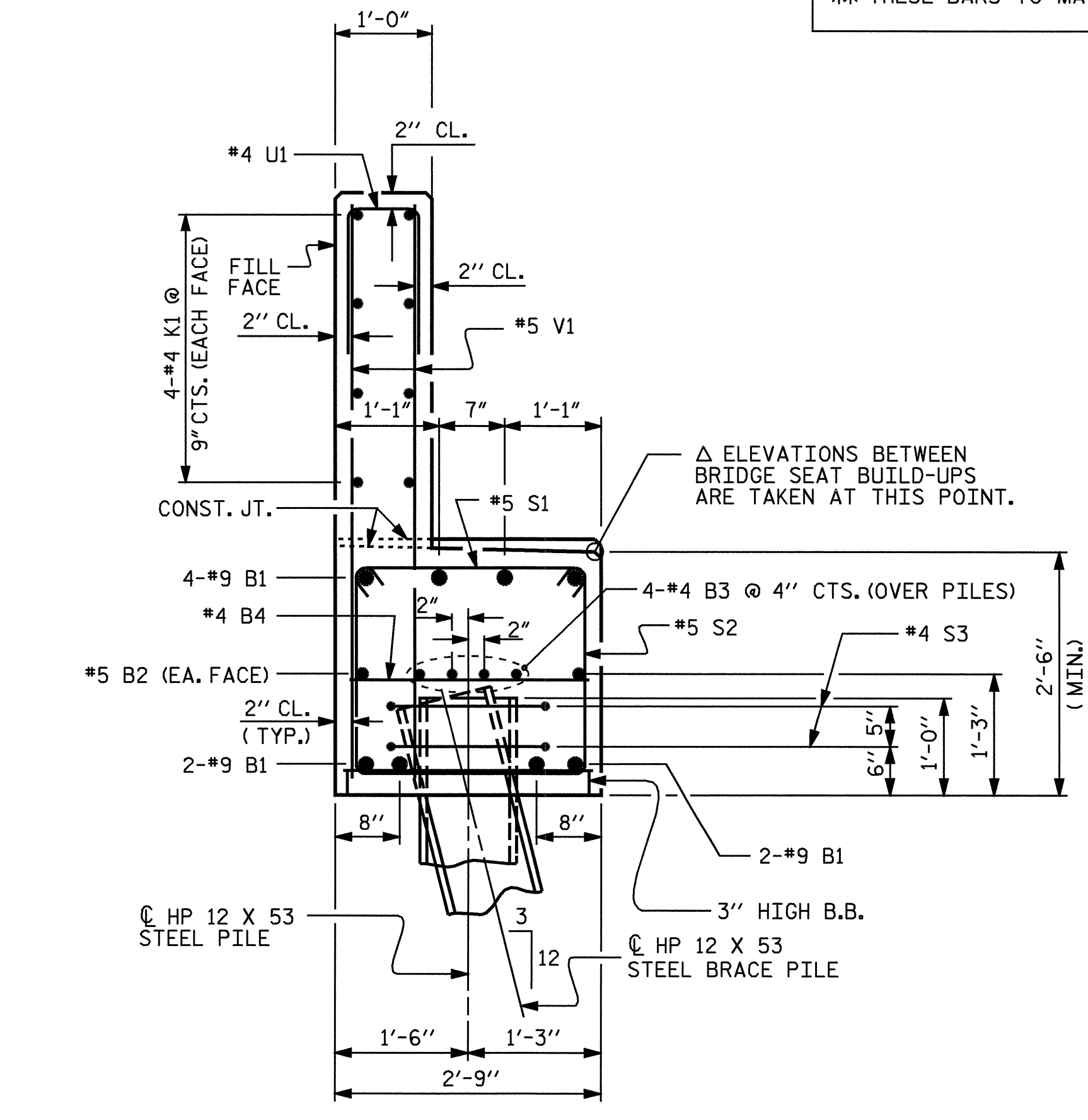


SECTION X-X

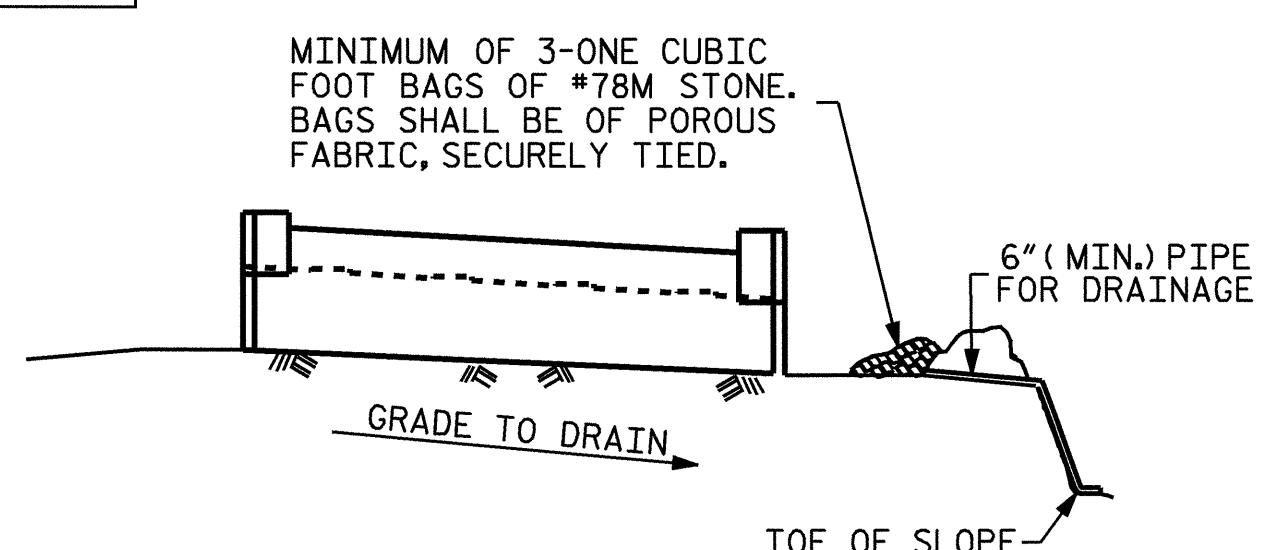


ELEVATION W2

* THESE BARS TO MATCH K1 BARS IN BACKWALL



SECTION A-A

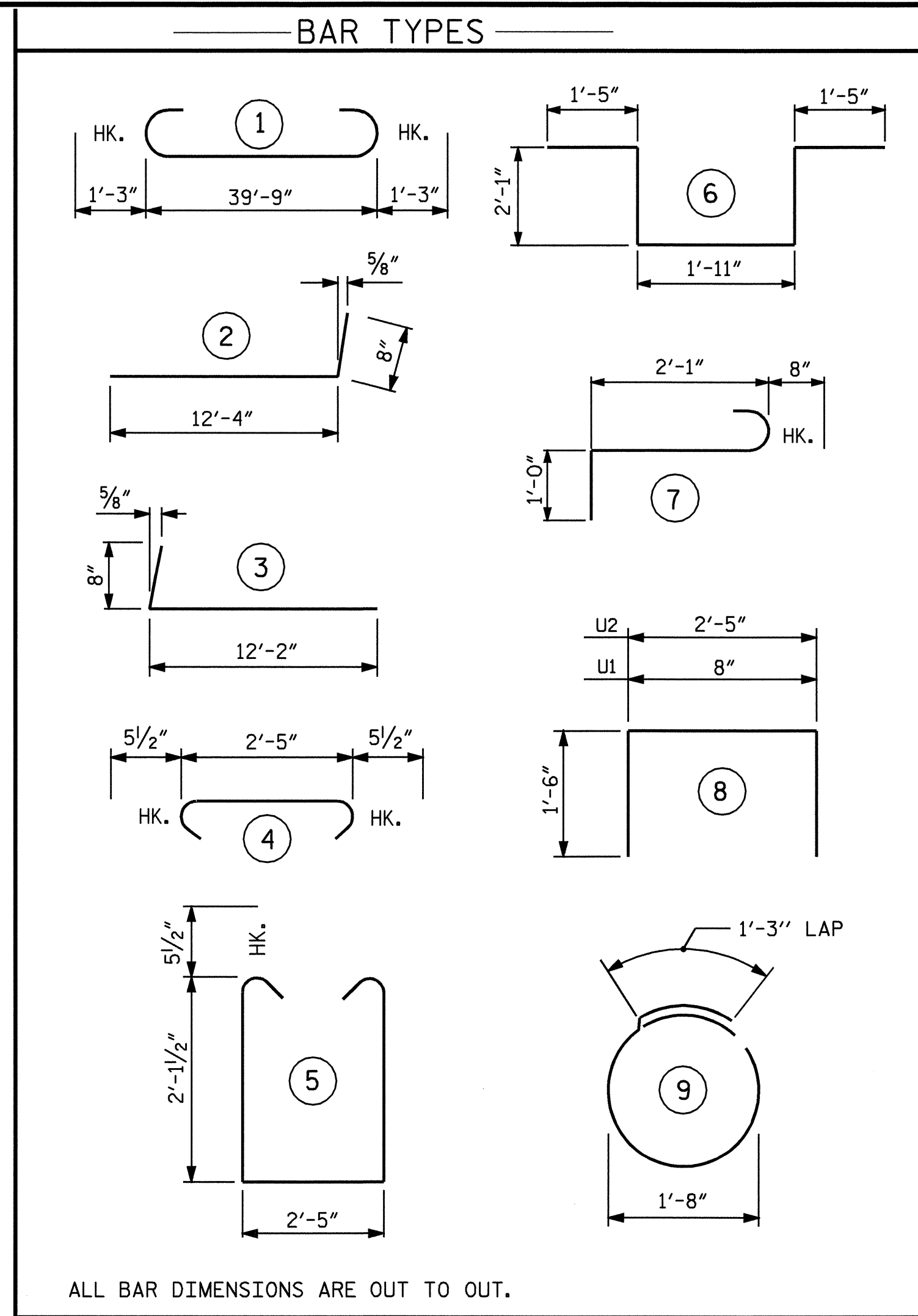


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

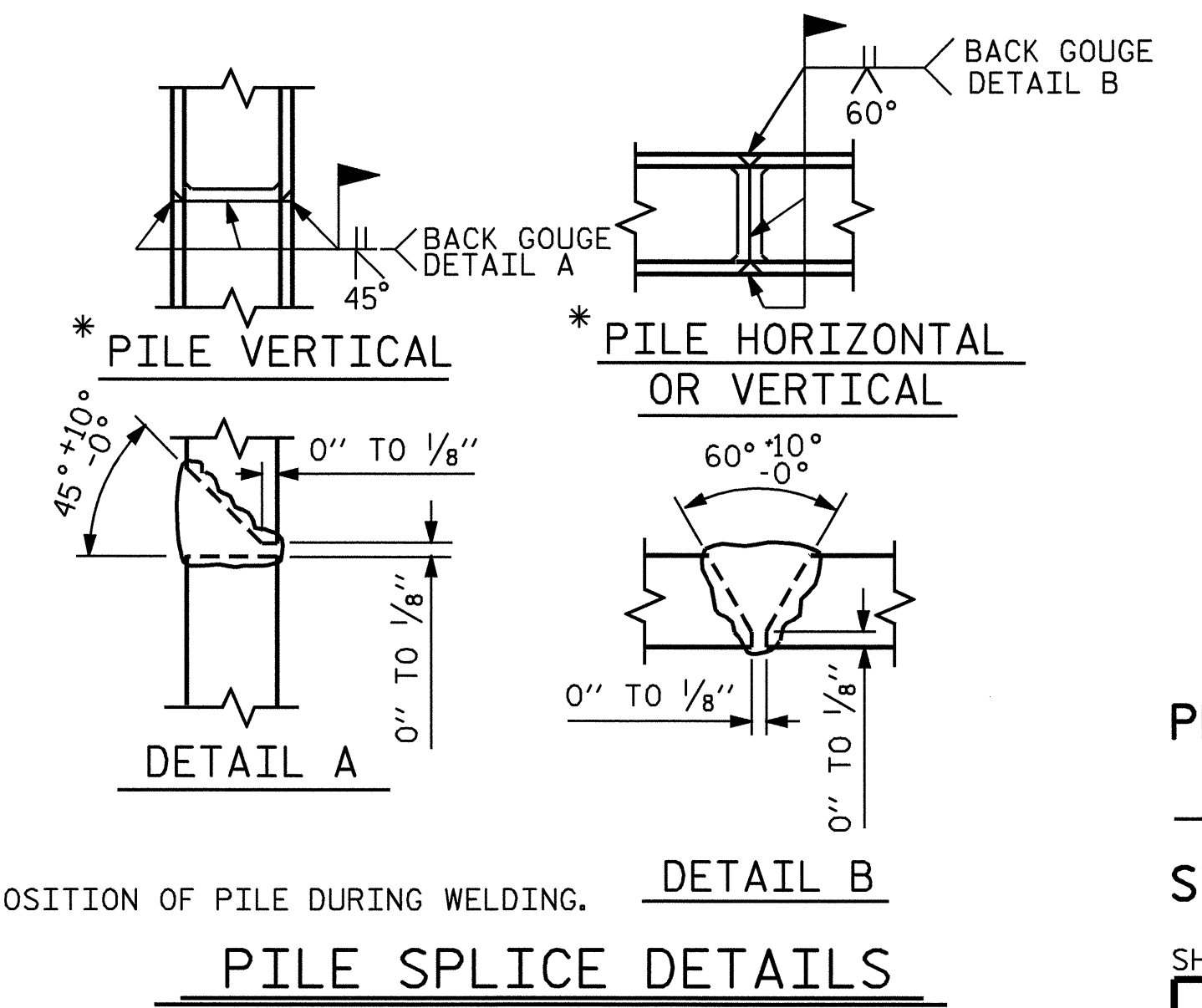
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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



ALL BAR DIMENSIONS ARE OUT TO OUT.



* POSITION OF PILE DURING WELDING.

PILE SPLICE DETAILS

BILL OF MATERIAL					
END BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9	1	42'-3"	1149
B2	2	#5	STR	39'-11"	83
B3	8	#4	STR	21'-2"	113
B4	10	#4	STR	2'-5"	16
B5	16	#4	STR	2'-7"	28
H1	8	#4	STR	2'-5"	13
H2	18	#4	2	13'-0"	156
H3	18	#4	3	12'-10"	154
K1	16	#4	STR	21'-2"	226
S1	35	#5	4	3'-4"	78
S2	35	#5	5	7'-7"	277
S3	12	#4	9	6'-6"	52
S4	2	#6	6	8'-11"	27
S5	6	#6	7	3'-9"	34
U1	35	#4	8	3'-8"	86
U2	12	#4	8	5'-5"	43
V1	70	#5	STR	5'-1"	371
V2	32	#4	STR	6'-10"	146
V3	32	#4	STR	6'-3"	134
REINFORCING STEEL				LBS. 3230	
CLASS A CONCRETE					
POUR #1: (CAP & WINGS)				13.3 CU.YD.	
POUR #2: (BACKWALL & WINGS)				8.5 CU.YD.	
TOTAL				21.8 CU.YD.	
HP 12 x 53 STEEL PILES					
NO. 8				LIN. FT. 400	

PROJECT NO. B-3467
HALIFAX COUNTY
 STATION: 20+75.00 -L-
 SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 END BENT 2

3-08-05
 ENGINEER
 JOSEPH W. MILLER
 029507

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-26
2			4			TOTAL SHEETS 60

DRAWN BY: B.N.BARODAWALA DATE: 4-1-03
 CHECKED BY: J.H.MILLER DATE: 1-10-05

07-MAR-2005 14:48
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STR. #1