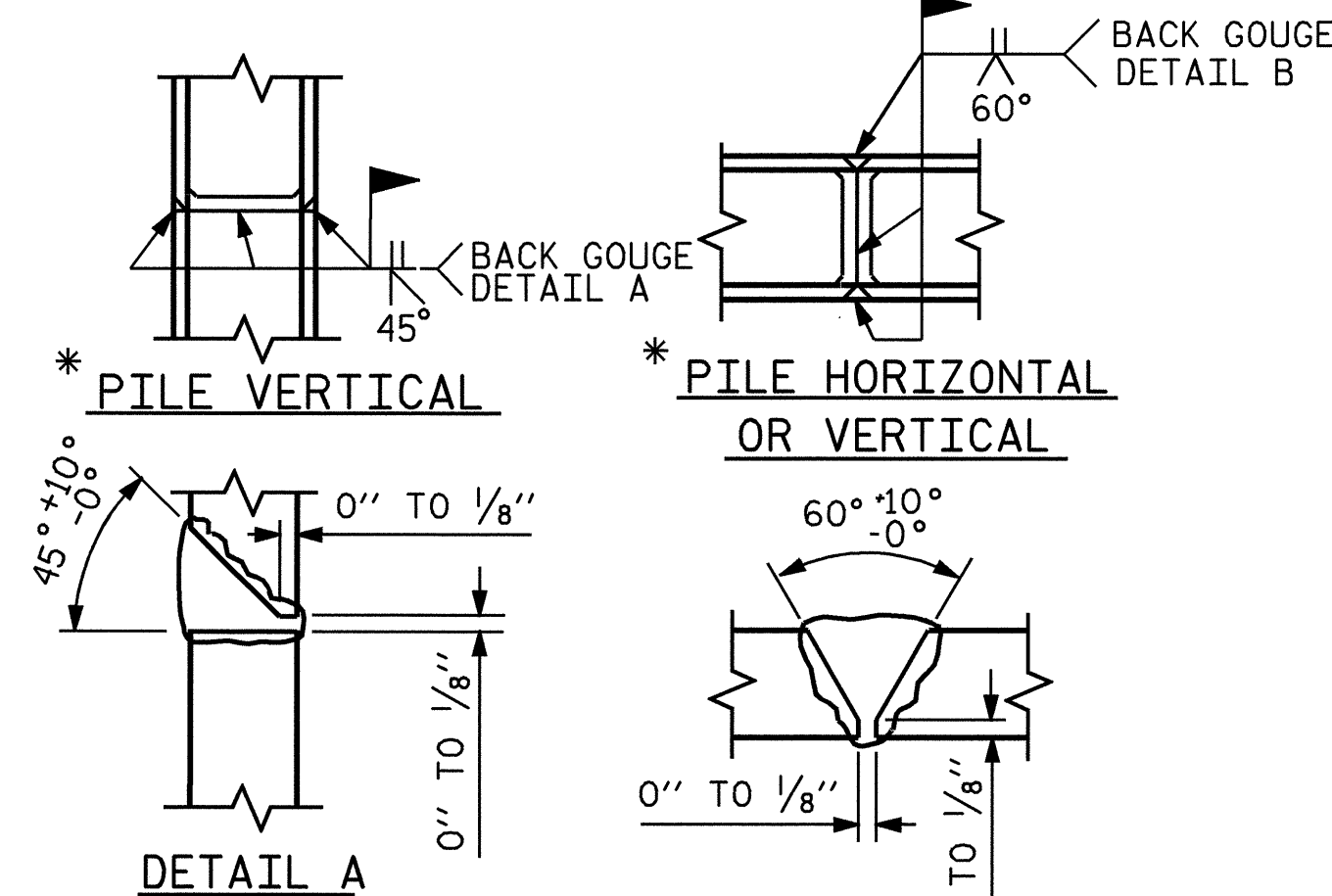


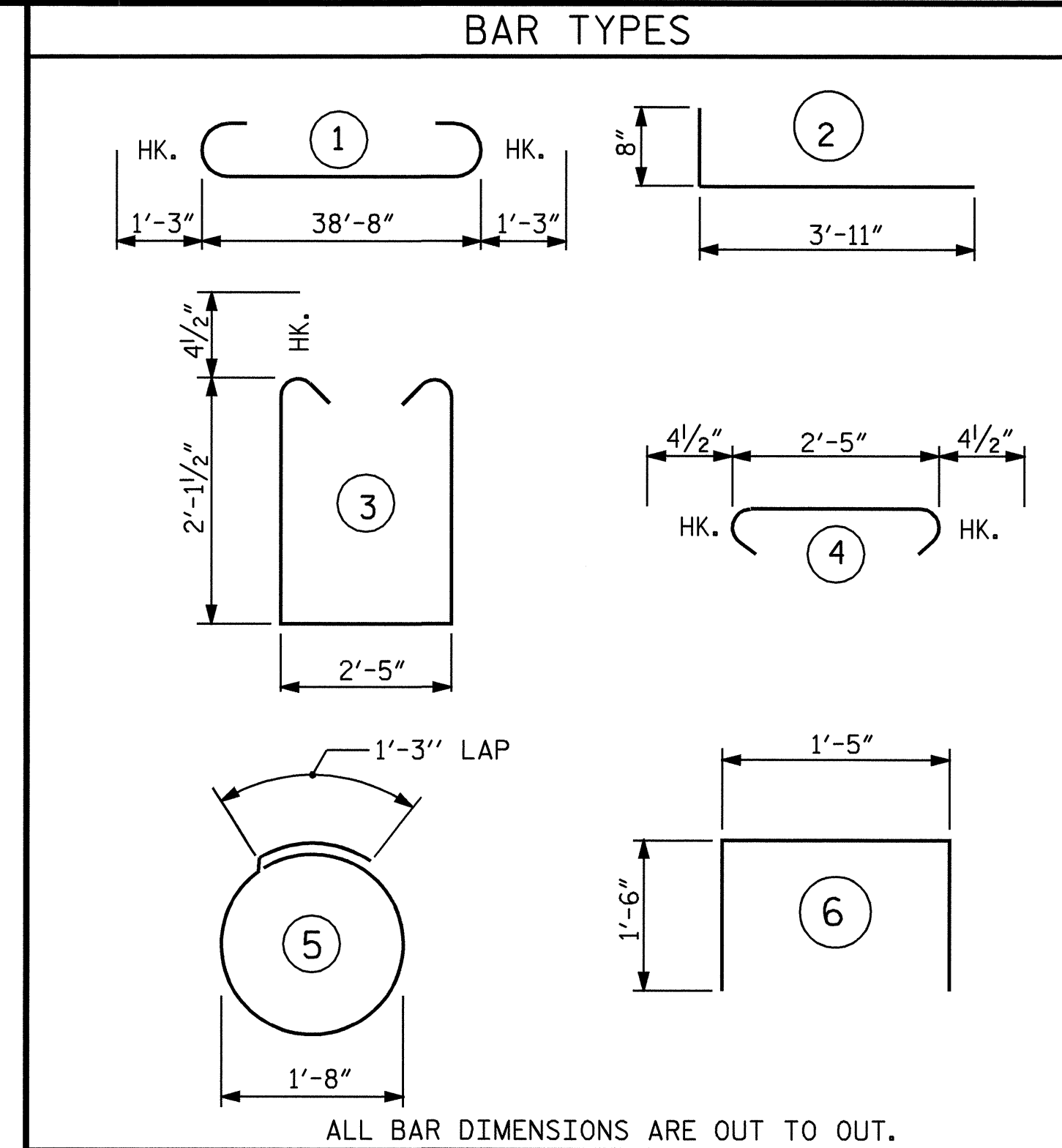
PLAN OF WING W1

WING W1 SHOWN, WING W2 SIMILAR

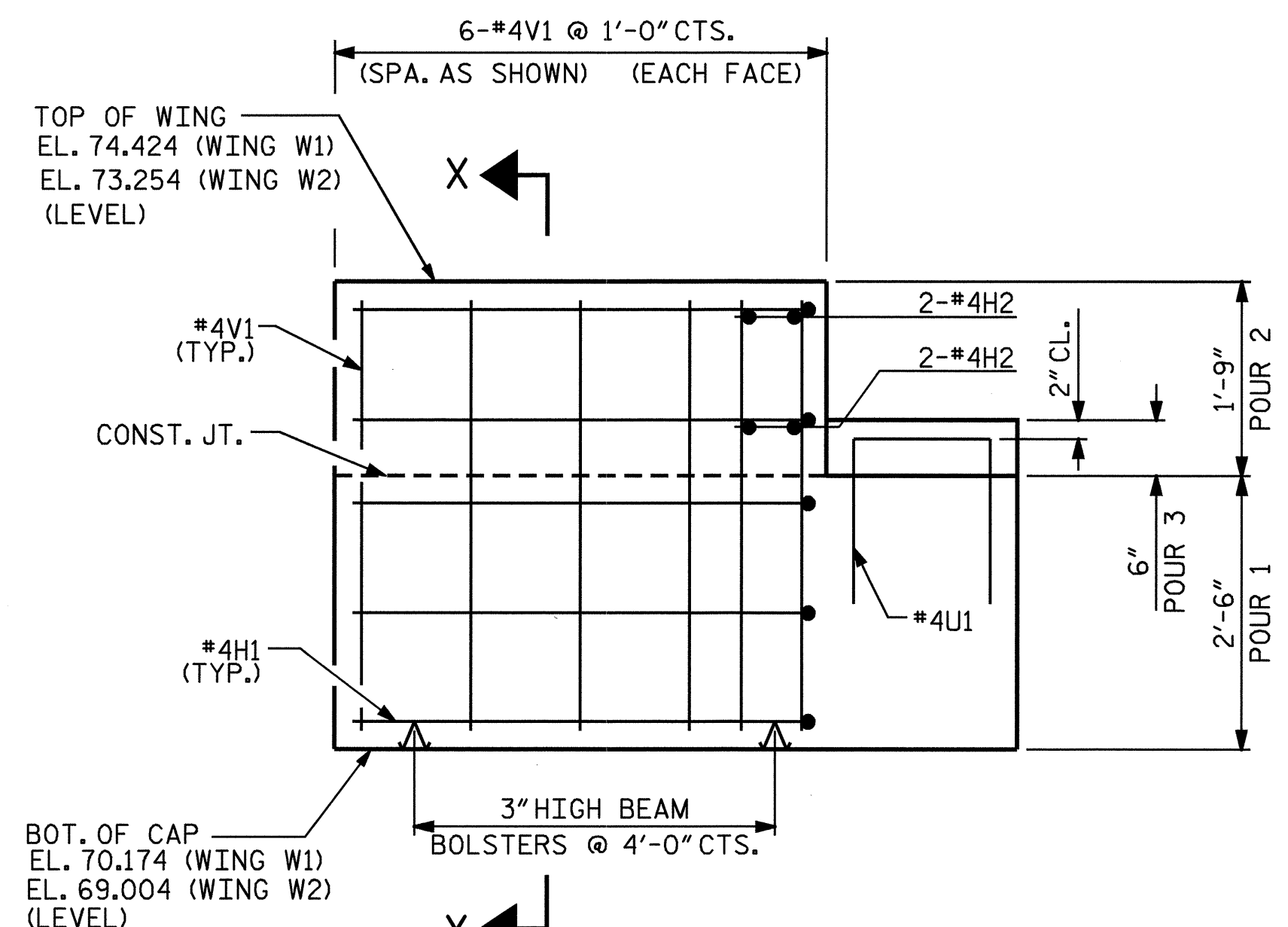


* POSITION OF PILE DURING WELDING. DETAIL B

PILE SPLICE DETAILS

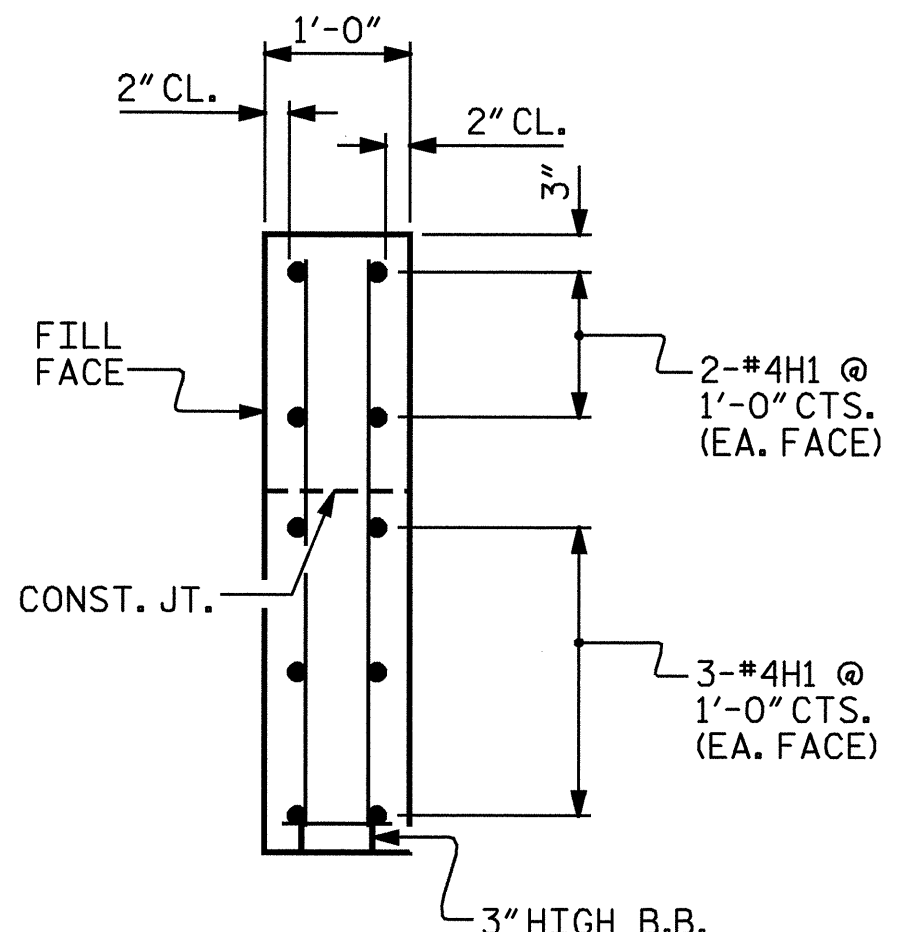


BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	9	1	41'-2"	1120
B2	2	5	STR	38'-8"	81
B3	8	4	STR	20'-7"	110
B4	10	4	STR	2'-5"	16
D1	22	6	STR	1'-6"	50
H1	20	4	2	4'-7"	61
H2	8	4	STR	2'-6"	13
S1	37	4	3	7'-5"	183
S2	37	4	4	3'-2"	78
S3	12	4	5	6'-6"	52
U1	4	4	6	4'-5"	12
V1	32	4	STR	3'-11"	84
REINFORCING STEEL					1860 LBS.
CLASS A CONCRETE BREAKDOWN					
POUR 1 - CAP AND LOWER PORTION OF WINGS				10.5 C.Y.	
POUR 2 - UPPER PORTION OF WINGS				0.8 C.Y.	
POUR 3 - LATERAL GUIDES				0.1 C.Y.	
CLASS A CONCRETE TOTAL				11.4 C.Y.	
HP 12 x 53 STEEL PILES					
NO. 6					240 LIN. FEET

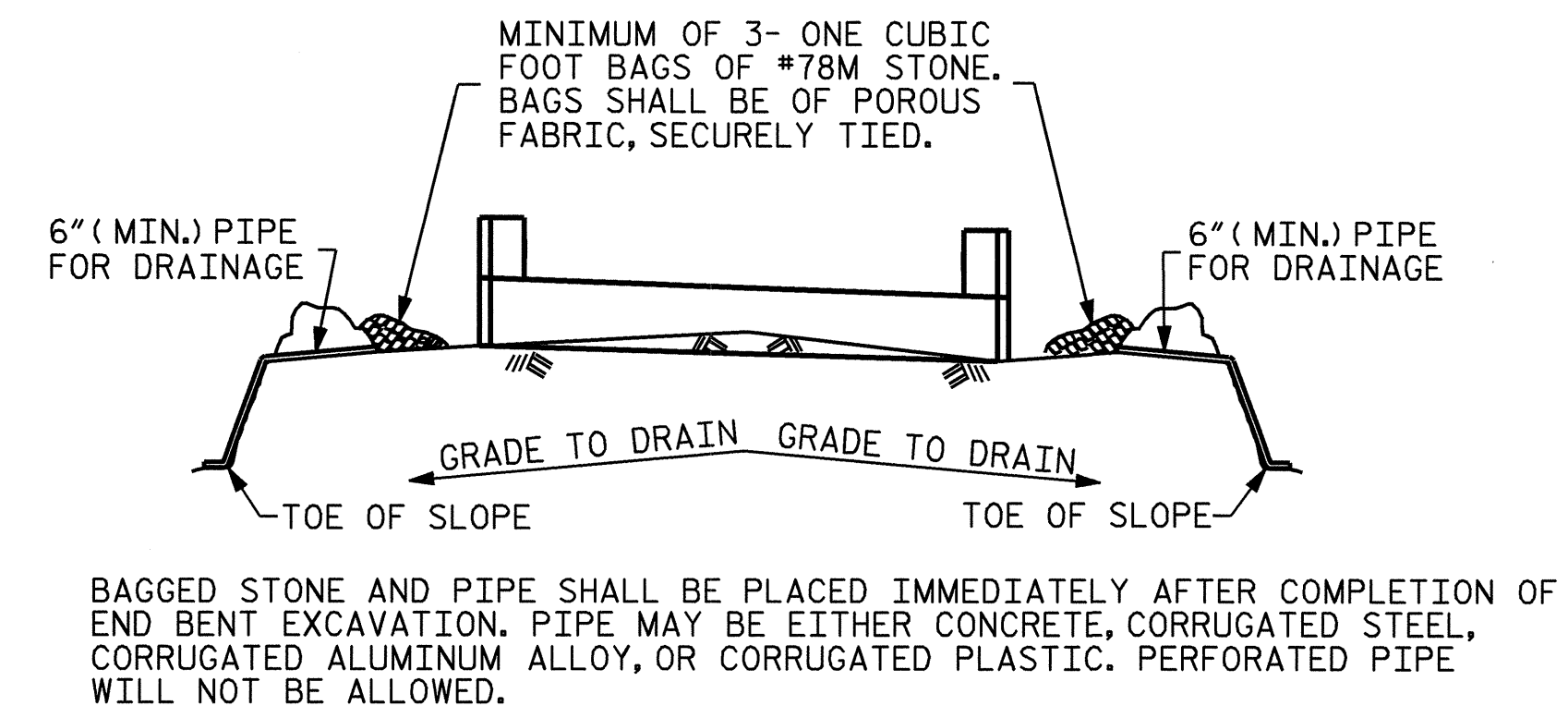


ELEVATION OF WING W1

WING W1 SHOWN, WING W2 SIMILAR



SECTION X-X



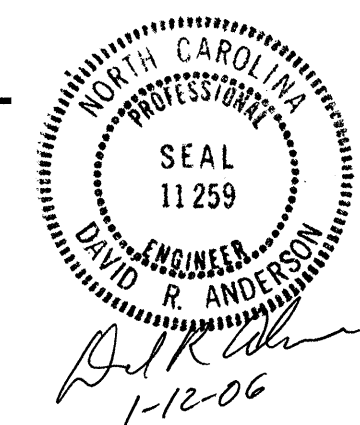
TEMPORARY DRAINAGE AT END BENT

PROJECT NO. B-3639
EDGEcombe COUNTY
 STATION: 17+59.40 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 END BENT 2



DRAWN BY: S. M. RASHIDI DATE: 1/3/03
 CHECKED BY: N. TRAN DATE: 1/10/05

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-16
1			3			TOTAL SHEETS 20
2			4			