

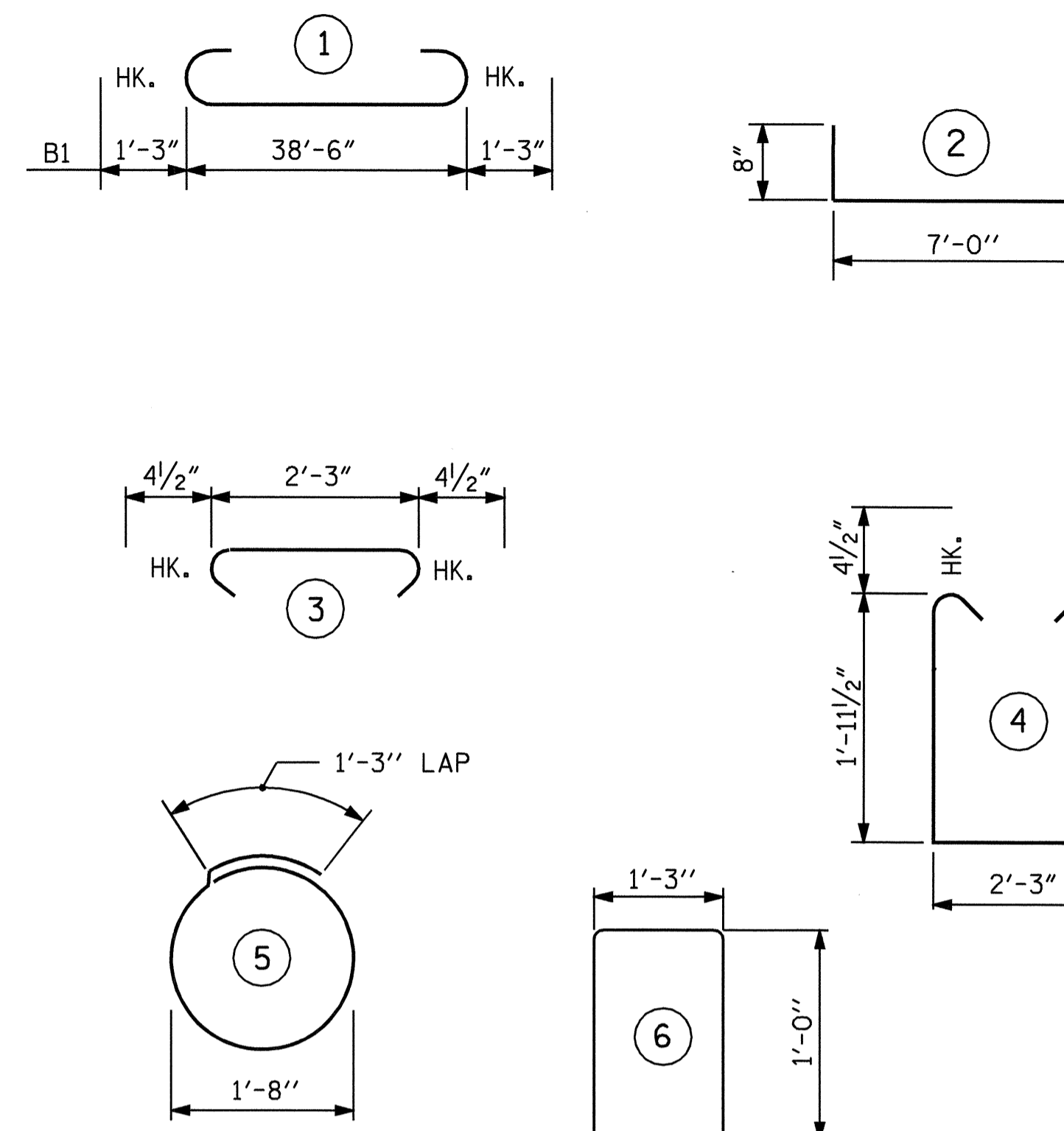
BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL END BENT NO. 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*B1	8	9	1	41'-0"	1115
*B2	16	4	STR	20'-6"	219
*B3	10	4	STR	2'-3"	15
*D1	22	6	STR	1'-6"	50
*H1	24	4	2	7'-8"	123
*H2	12	4	STR	2'-5"	19
*S1	38	4	4	6'-11"	176
*S2	38	4	3	3'-0"	76
*S3	14	4	5	6'-6"	61
*S4	4	4	6	3'-3"	9
*V1	22	4	STR	4'-2"	61
*V2	22	4	STR	4'-0"	59

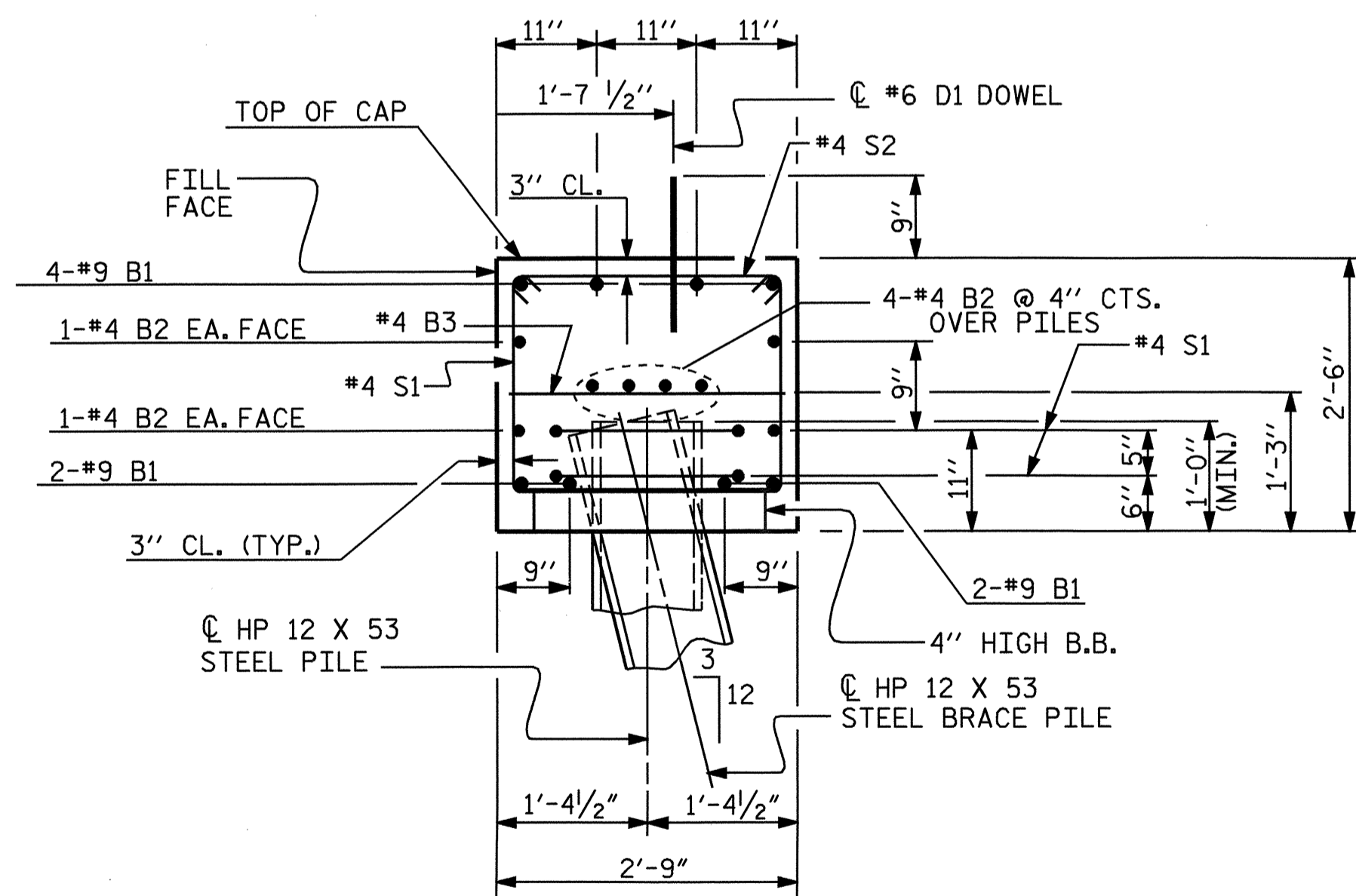
* EPOXY COATED REINFORCING STEEL 1983 LBS

CLASS AA CONCRETE BREAKDOWN :

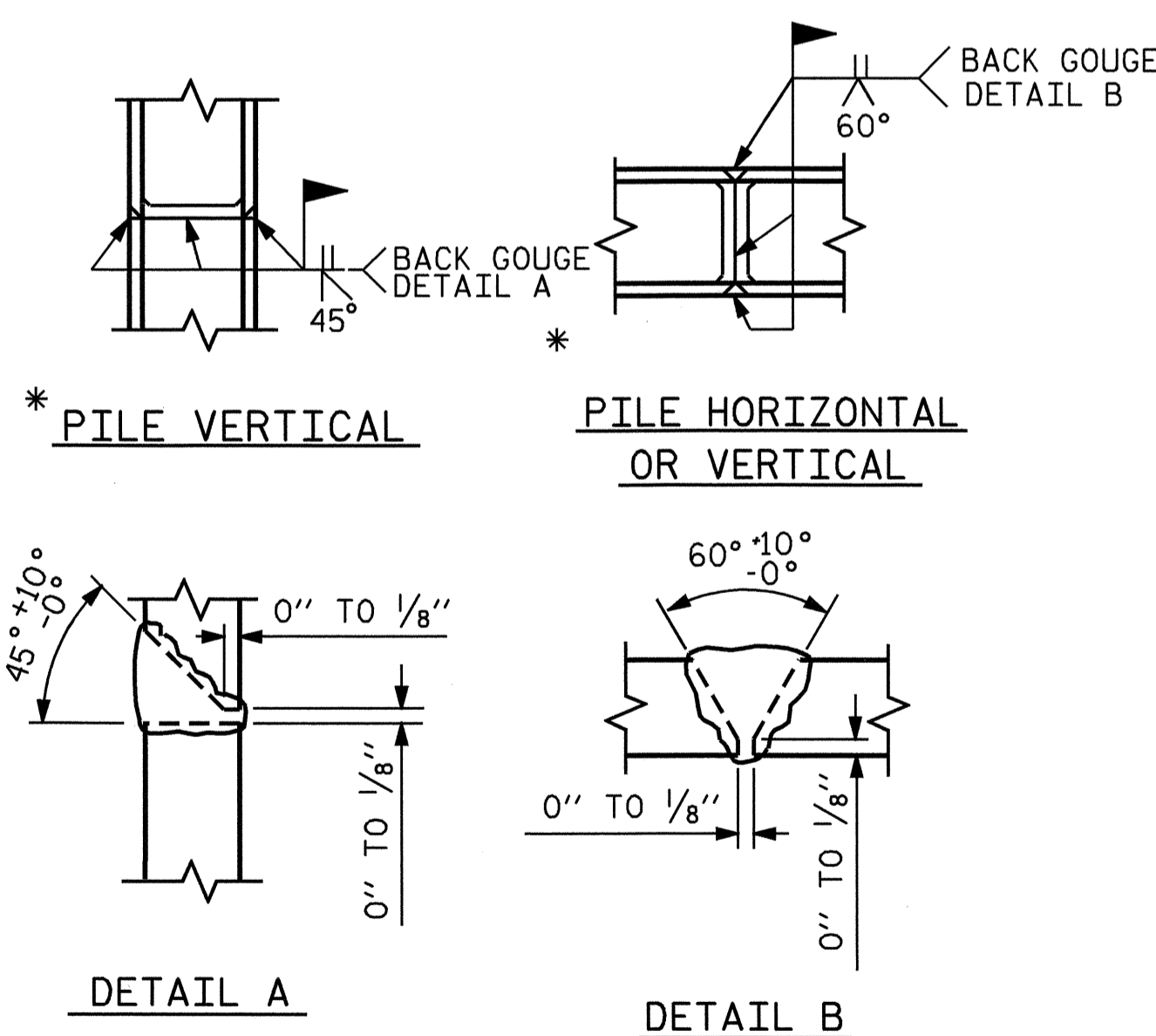
POUR #1 (CAP & LOWER WINGS)	11.1 C.Y.
POUR #2 (UPPER WINGS)	1.4 C.Y.
POUR #3 (LATERAL GUIDES)	0.1 C.Y.

TOTAL 12.6 C.Y.

HP 12 X 53 STEEL PILES
NO. 7 455 LIN. FT.



SECTION A-A



* POSITION OF PILE DURING WELDING.

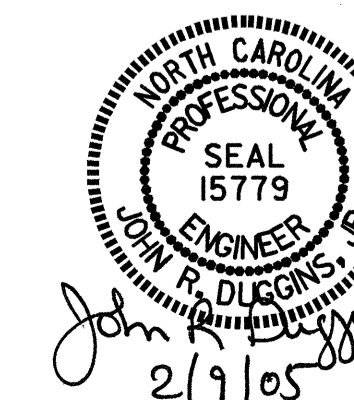
PILE SPLICE DETAILS

PROJECT NO. B-4222
PASQUOTANK COUNTY
STATION: 11+27.00 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
END BENT 1



DRAWN BY : J. LAMBERT DATE : 2/2004
CHECKED BY : M. POOLE DATE : 7/2004

REVISIONS						TOTAL SHEETS
NO.	BY:	DATE:	NO.	BY:	DATE:	NO.
1			3			20
2			4			

SHEET NO.
S-11
TOTAL SHEETS
20