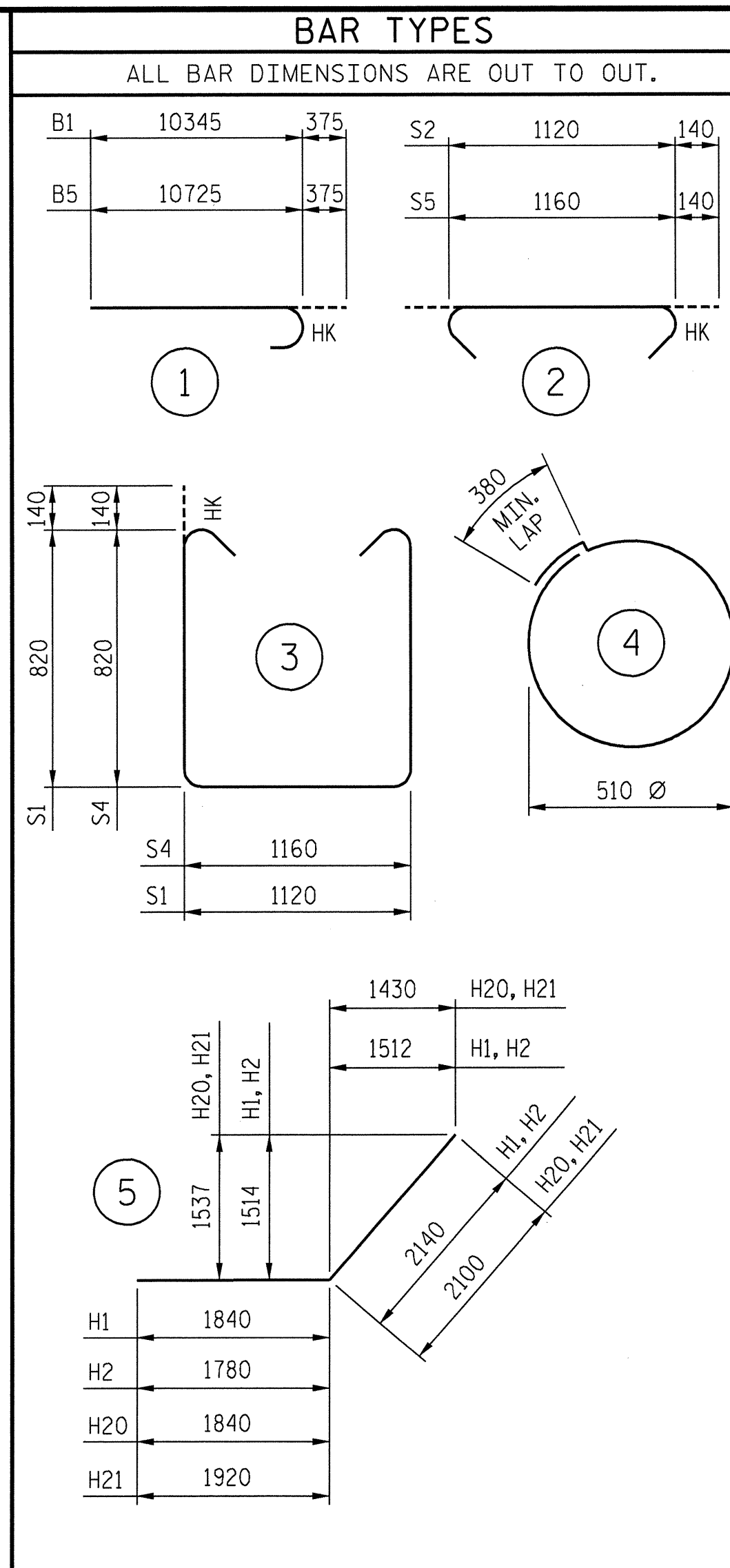


SECTION A-A



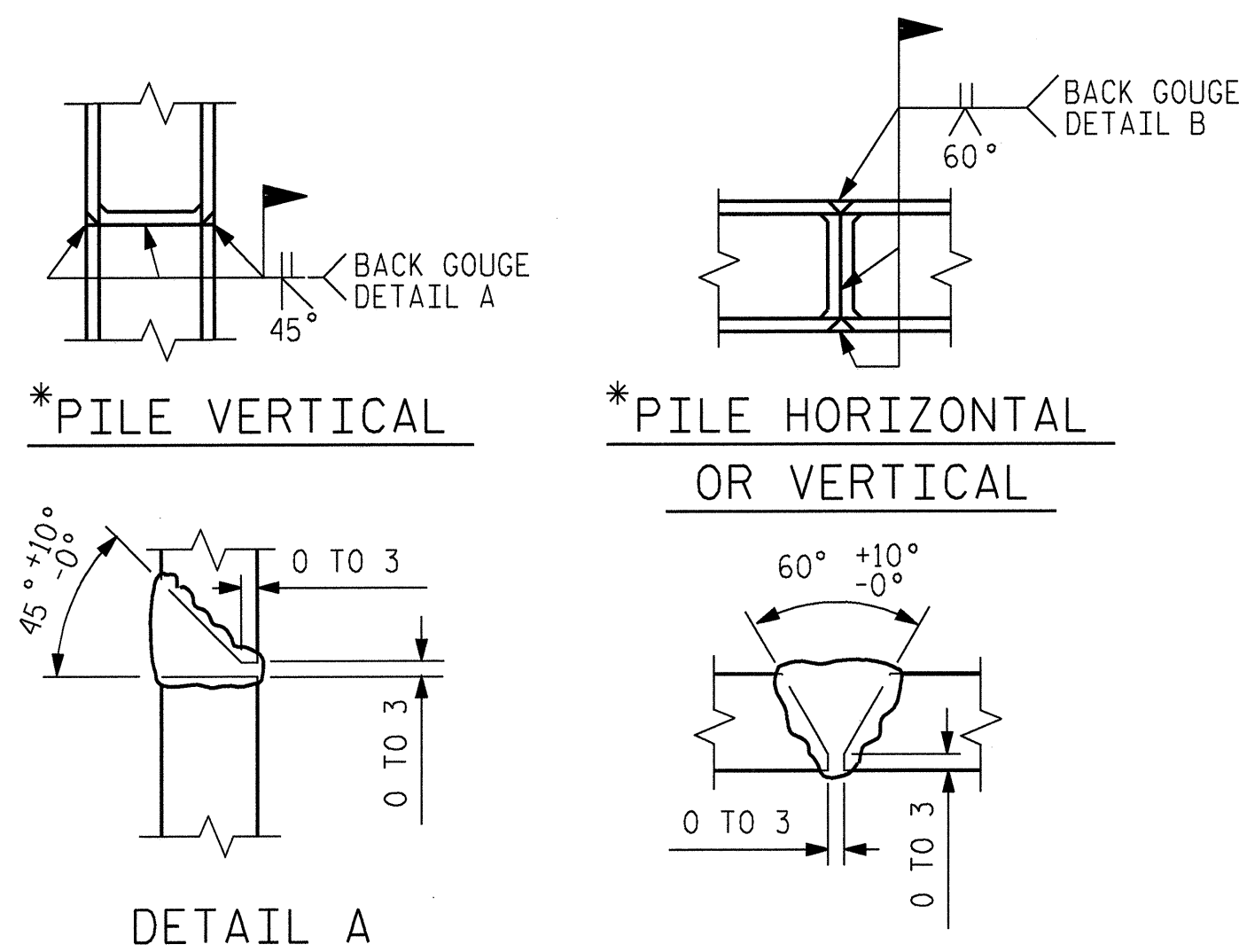
BILL OF MATERIAL						BILL OF MATERIAL					
END BENT NO. 1						END BENT NO. 1					
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT	BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	29	1	10345	542	H26	1	22	STR	2500	8
B2	8	19	STR	9980	178	H27	1	22	STR	2700	8
B3	16	13	STR	1120	18	H28	1	22	STR	2900	9
B4	12	13	STR	6760	81	H29	1	22	STR	3100	9
B5	10	29	1	11100	562	H30	1	22	STR	3320	10
H1	1	22	5	3980	12	H31	1	19	STR	2120	5
H2	1	19	5	3920	9	H32	1	19	STR	2340	5
H3	5	19	STR	3720	42	H33	1	19	STR	2580	6
H4	5	19	STR	3660	41	H34	1	19	STR	2780	6
H5	1	22	STR	2080	6	H35	1	19	STR	2980	7
H6	1	22	STR	2320	7	H36	1	19	STR	3180	7
H7	1	22	STR	2560	8	H37	1	19	STR	3400	8
H8	1	22	STR	2820	9	H38	2	19	STR	1260	6
H9	1	22	STR	3020	9	S1	104	16	3	3040	491
H10	1	22	STR	3240	10	S2	104	16	2	1400	226
H11	1	22	STR	3460	11	S3	98	13	4	1980	193
H12	1	19	STR	2000	4	S4	2	16	3	3080	10
H13	1	19	STR	2240	5	S5	2	16	2	1440	4
H14	1	19	STR	2480	6	V1	133	19	STR	2280	678
H15	1	19	STR	2740	6	V2	30	16	STR	1740	81
H16	1	19	STR	2940	7	V3	17	16	STR	1960	52
H17	1	19	STR	3160	7	V4	2	16	STR	1820	6
H18	1	19	STR	3380	8	V5	2	16	STR	1500	5
H19	2	19	STR	1400	6	V6	2	16	STR	1300	4
H20	1	22	5	3940	12	V7	2	16	STR	1040	3
H21	1	19	5	4020	9	V8	17	16	STR	1900	50
H22	5	19	STR	3540	40	V9	2	16	STR	1040	3
H23	5	19	STR	3620	40	V10	2	16	STR	1360	4
H24	1	22	STR	2040	6	V11	2	16	STR	1660	5
H25	1	22	STR	2260	7						

REINFORCING STEEL (kg.) 3,617 kg

CLASS "A" CONCRETE BREAKDOWN
POUR #1 (CAP AND LOWER WINGWALLS) 22.5 CU. M

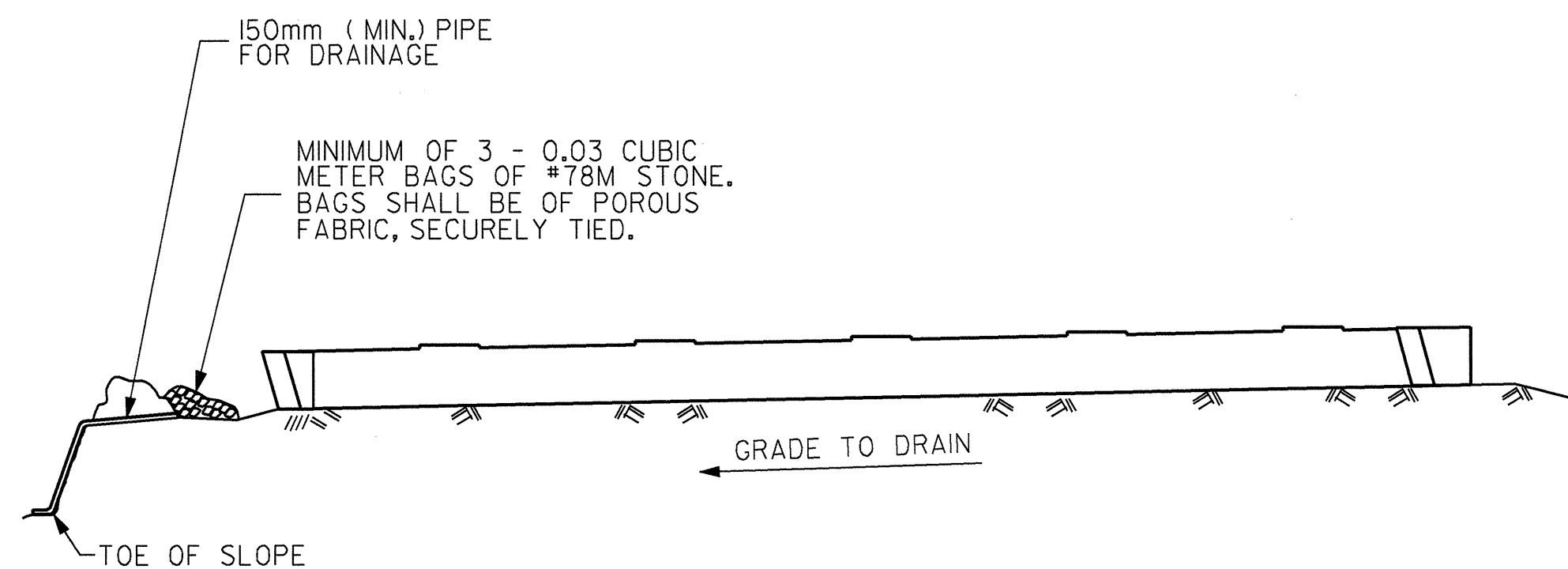
TOTAL CLASS "A" CONCRETE 22.5 CU. M

HP 310x79 STEEL PILES
TOTAL NO. = 14 LIN. METERS = 294



PILE SPLICE DETAILS

*POSITION OF PILE DURING WELDING.



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

(END BENT NO. 1 SHOWN, END BENT NO. 2 SIMILAR)

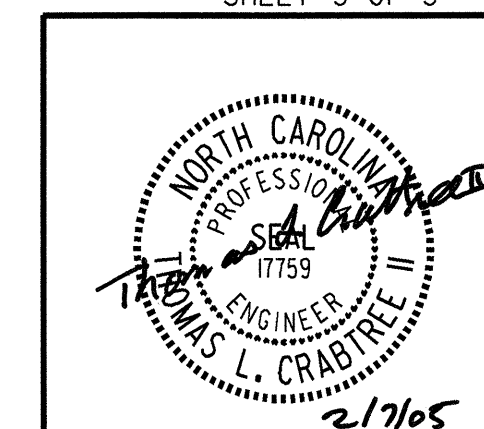
TOP OF PILE CUT-OFF ELEVATIONS

PILE	ELEVATION
P1	93.964
P2	93.991
P3	94.018
P4	94.045
P5	94.072
P6	94.100
P7	94.127
P8	94.154
P9	94.181
P10	94.208
P11	94.235
P12	94.262
P13	94.289
P14	94.316



PROJECT NO. R-2552C
JOHNSTON COUNTY
STATION: 122+14.832 -L2RT-

SHEET 3 OF 3



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
(RIGHT LANE BRIDGE)
END BENT NO. 1
DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			5-311
2			4			507 SHEETS 431

R.N. RTB1-18