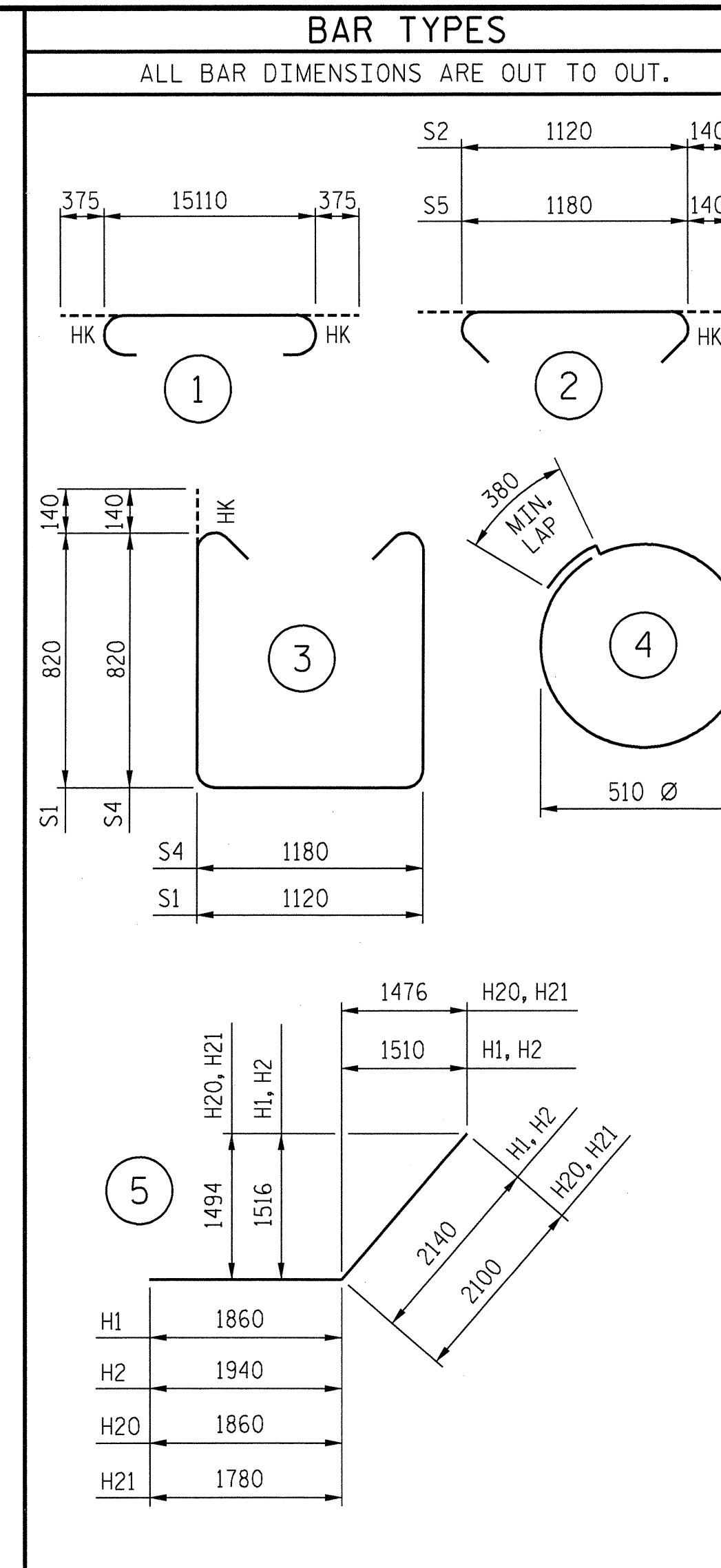


SECTION A-A



END BENT NO. 2					
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	29	1	15860	803
B2	4	19	STR	15100	135
B3	13	13	STR	1120	14
B4	8	13	STR	7940	63
H1	1	22	5	4000	12
H2	1	19	5	4080	9
H3	5	19	STR	3760	42
H4	5	19	STR	3820	43
H5	1	22	STR	2040	6
H6	1	22	STR	2300	7
H7	1	22	STR	2540	8
H8	1	22	STR	2760	9
H9	1	22	STR	3040	10
H10	1	22	STR	3240	11
H11	1	22	STR	3480	11
H12	1	19	STR	2120	5
H13	1	19	STR	2380	5
H14	1	19	STR	2620	6
H15	1	19	STR	2840	6
H16	1	19	STR	3120	7
H17	1	19	STR	3320	7
H18	1	19	STR	3560	8
H19	2	19	STR	1420	6
H20	1	22	5	3960	12
H21	1	19	5	3880	9
H22	5	19	STR	3640	41
H23	5	19	STR	3560	40
H24	1	22	STR	2060	6
H25	1	22	STR	2300	7
S1	77	16	3	3040	363
S2	77	16	2	1400	167
S3	84	13	4	1980	165
S4	2	16	3	3100	10
S5	2	16	2	1460	5
V1	108	19	STR	2280	550
V2	30	16	STR	1740	81
V3	17	16	STR	1980	52
V4	2	16	STR	1040	3
V5	2	16	STR	1300	4
V6	2	16	STR	1580	5
V7	2	16	STR	1840	6
V8	17	16	STR	1900	50
V9	2	16	STR	1600	5
V10	2	16	STR	1300	4
V11	2	16	STR	1040	3

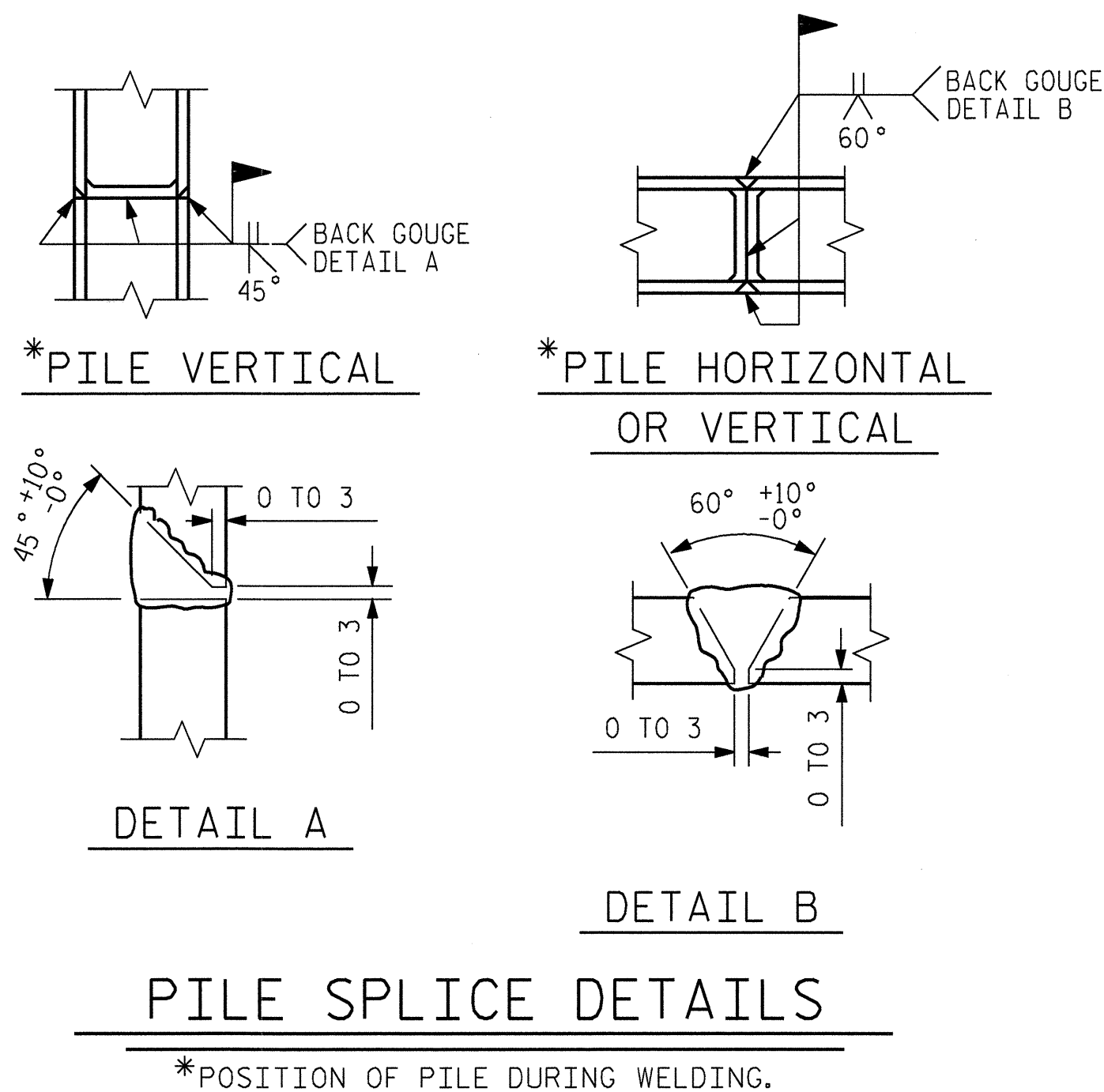
BILL OF MATERIAL					
BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
H26	1	22	STR	2540	8
H27	1	22	STR	2780	8
H28	1	22	STR	3000	9
H29	1	22	STR	3220	10
H30	1	22	STR	3440	10
H31	1	19	STR	1980	4
H32	1	19	STR	2220	5
H33	1	19	STR	2460	5
H34	1	19	STR	2700	6
H35	1	19	STR	2920	7
H36	1	19	STR	3140	7
H37	1	19	STR	3360	8
H38	2	19	STR	1300	6
S1	77	16	3	3040	363
S2	77	16	2	1400	167
S3	84	13	4	1980	165
S4	2	16	3	3100	10
S5	2	16	2	1460	5
V1	108	19	STR	2280	550
V2	30	16	STR	1740	81
V3	17	16	STR	1980	52
V4	2	16	STR	1040	3
V5	2	16	STR	1300	4
V6	2	16	STR	1580	5
V7	2	16	STR	1840	6
V8	17	16	STR	1900	50
V9	2	16	STR	1600	5
V10	2	16	STR	1300	4
V11	2	16	STR	1040	3

REINFORCING STEEL (kg.) 2,911 kg

CLASS "A" CONCRETE BREAKDOWN
POUR #1 (CAP AND LOWER WINGWALLS) 18.3 CU. M

TOTAL CLASS "A" CONCRETE 18.3 CU. M

HP 310x79 STEEL PILES
TOTAL NO. = 12 LIN. METERS = 240



PILE SPLICE DETAILS

*POSITION OF PILE DURING WELDING.

TOP OF PILE CUT-OFF ELEVATIONS	
PILE	ELEVATION
P1	93.593
P2	93.631
P3	93.668
P4	93.705
P5	93.743
P6	93.780
P7	93.817
P8	93.854
P9	93.892
P10	93.929
P11	93.966
P12	94.004



PROJECT NO. R-2552C
JOHNSTON COUNTY
STATION: 121+97.157 -L2LT-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
(LEFT LANE BRIDGE)
END BENT NO. 2
DETAILS

SHEET 3 OF 3

REVISIONS

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

SHEET NO. 5-286
TOTAL SHEETS 43

R.N. LTB1-21

USER: hml/rlm DATE: 8/4/2005
DGN: K:\2005\2005-08\2005-08-04\2005-08-04.dgn TIME: 15:09:58

USER: hml/rlm DATE: 8/4/2005
DGN: K:\2005\2005-08\2005-08-04\2005-08-04.dgn TIME: 15:09:58