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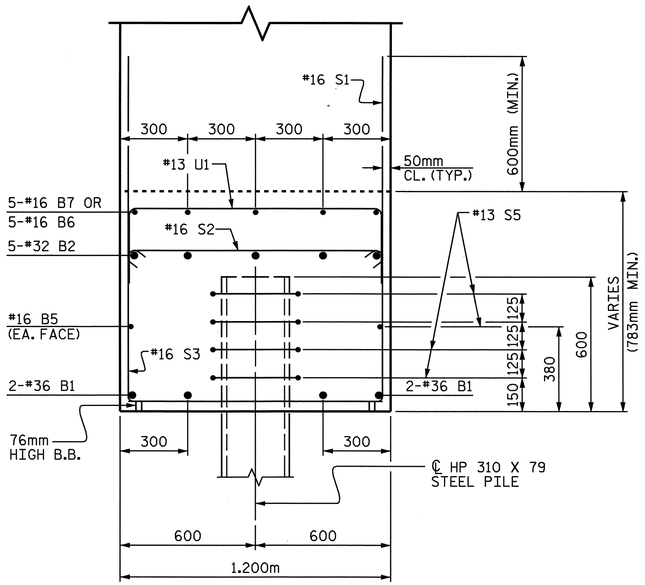
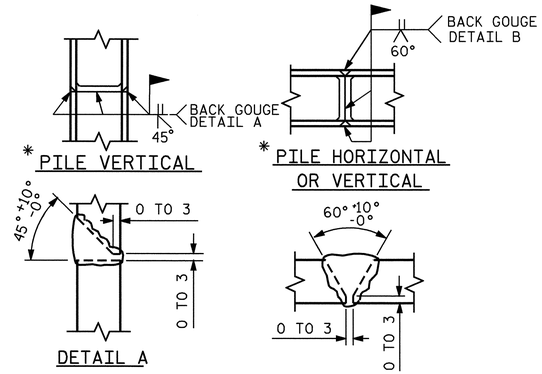


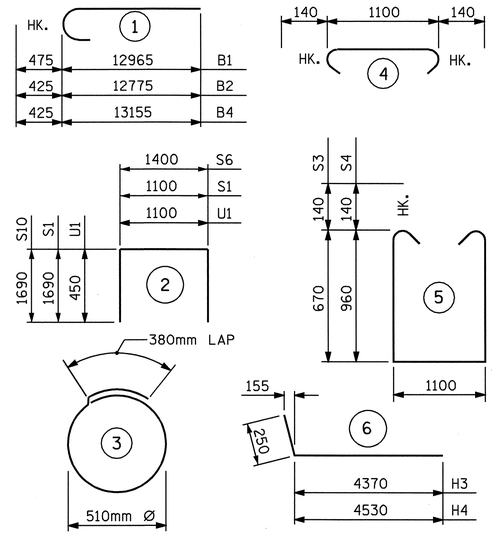
SECTION A-A



* POSITION OF PILE DURING WELDING.

PILE SPLICE DETAILS

BAR TYPES

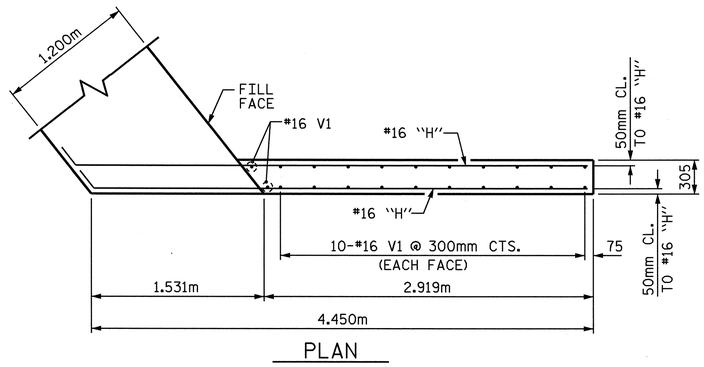


ALL BAR DIMENSIONS ARE OUT TO OUT.

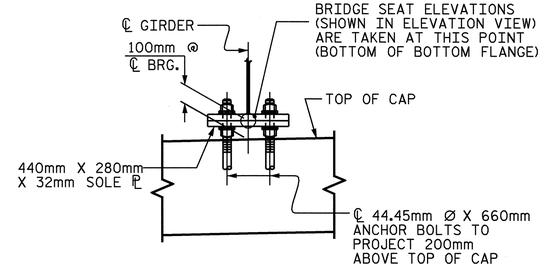
BILL OF MATERIAL
INTEGRAL END BENT 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	36	1	13440	850
B2	5	32	1	13200	423
B3	2	16	STR	10740	33
B4	5	32	1	13580	435
B5	4	16	STR	11960	74
B6	5	16	STR	3920	30
B7	5	16	STR	5160	40
B8	9	13	STR	1100	10
H1	7	16	STR	2840	31
H2	7	16	STR	3000	33
H3	3	16	6	4620	22
H4	3	16	6	4780	22
S1	73	16	2	4480	508
S2	31	16	4	1380	66
S3	12	16	5	2720	51
S4	19	16	5	3300	97
S5	56	13	3	2000	111
S6	4	16	2	4780	30
U1	19	13	2	2000	38
V1	22	16	STR	2660	91

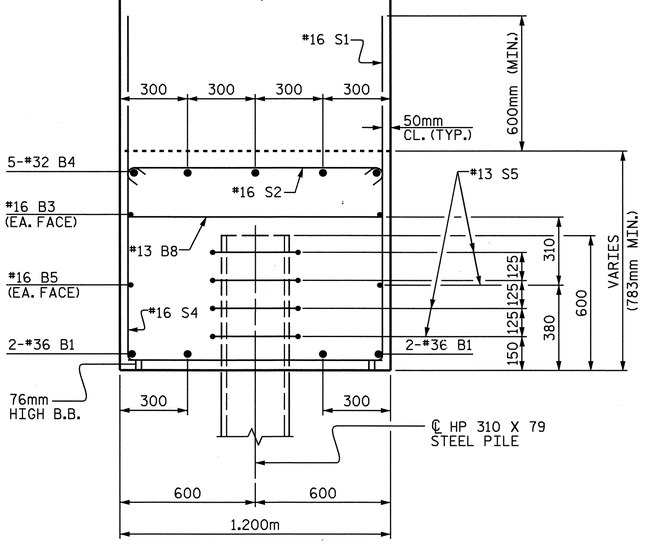
REINFORCING STEEL	2995 kg
CLASS A CONCRETE	
POUR #1 (CAP & LOWER WING)	29.2m³
POUR #2 (UPPER WING)	1.8m³
TOTAL	31.0m³
HP 310 X 79 STEEL PILES	
NO. 14	343.0m



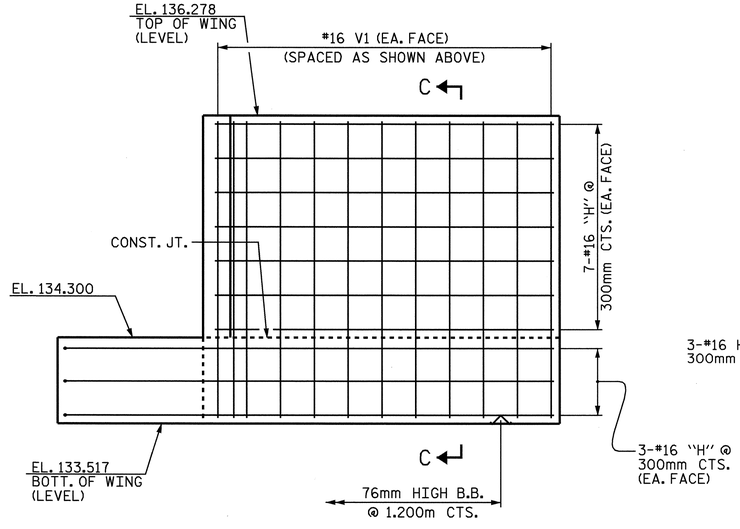
PLAN



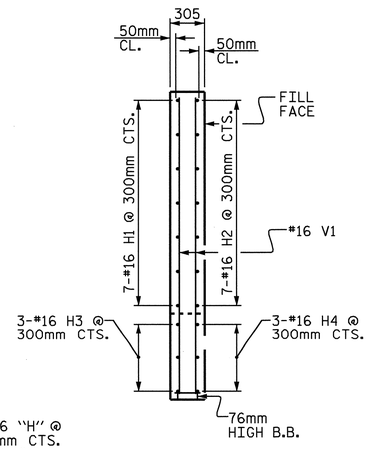
DETAIL A



SECTION B-B

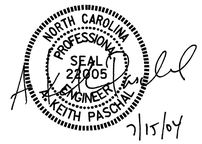


ELEVATION



SECTION C-C

WING DETAILS



PROJECT NO. B-3256
WAKE COUNTY
STATION: 12+92.508 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
INTEGRAL END BENT 1

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-20
1			3			TOTAL SHEETS
2			4			26

DRAWN BY : K. McCAULEY DATE : 9/22/03
CHECKED BY : F. B. POOLE DATE : 11/21/03