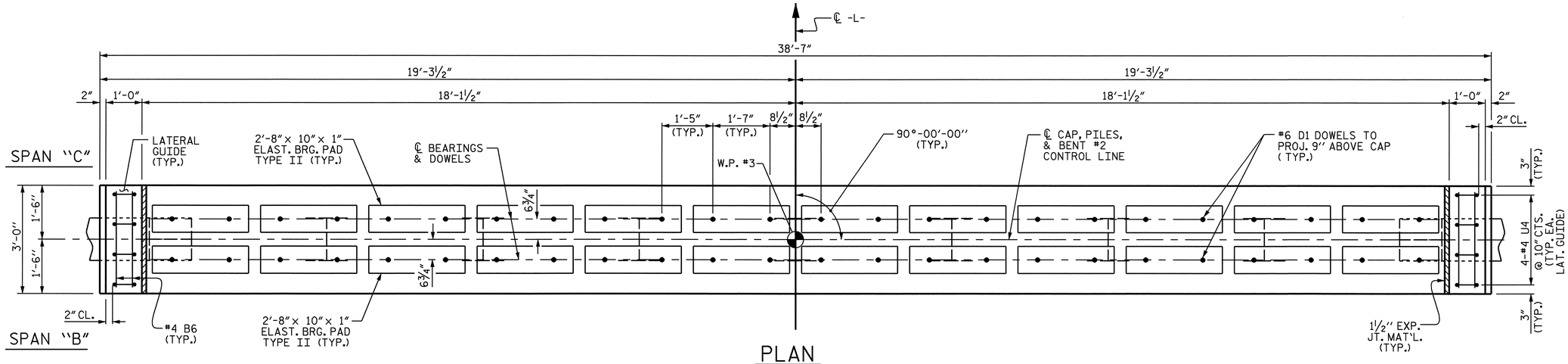
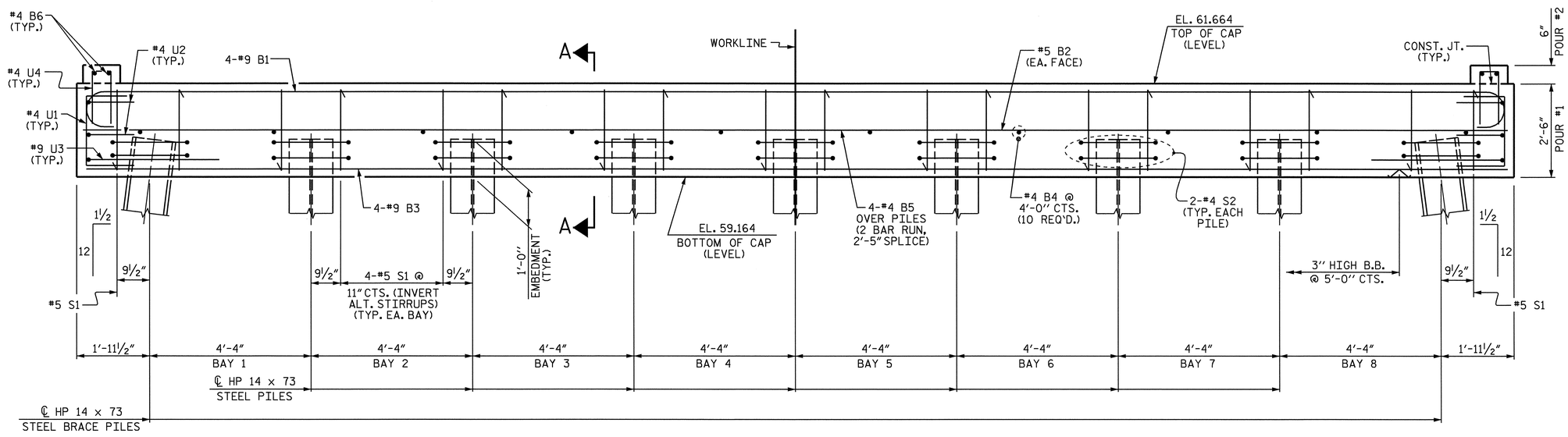
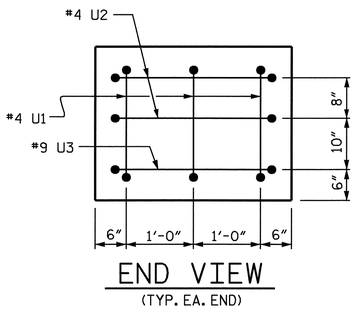


PLAN

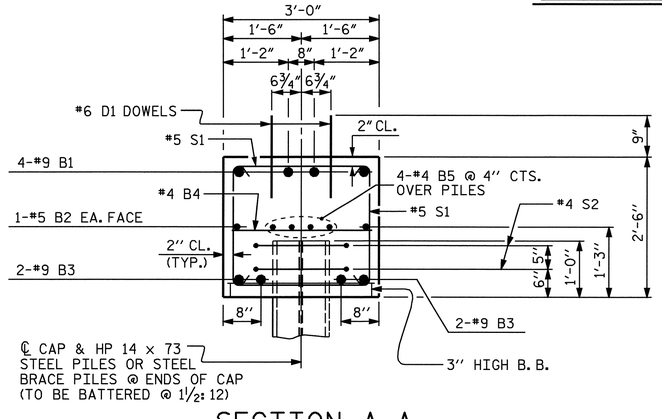


ELEVATION



END VIEW

(TYP. EA. END)



SECTION A-A

NOTES

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR DOWELS.

FOR PILE SPLICE DETAILS, SEE END BENT SHEETS 3 OF 3.

THE LATERAL GUIDE AT EACH END OF CAP IS NOT TO BE POURED UNTIL AFTER THE CORED SLAB UNITS ARE IN PLACE.

BILL OF MATERIAL

BENT #2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	#9	1	40'-8"	553
B2	2	#5	STR	38'-3"	80
B3	4	#9	STR	38'-3"	520
B4	10	#4	STR	2'-8"	18
B5	8	#4	STR	20'-4"	109
B6	4	#4	STR	2'-8"	7
D1	48	#6	STR	1'-6"	108
S1	34	#5	2	7'-10"	278
S2	18	#4	3	7'-7"	91
U1	6	#4	4	5'-0"	20
U2	4	#4	4	5'-6"	15
U3	2	#9	4	9'-10"	67
U4	8	#4	4	3'-6"	19

TOTAL REINFORCING STEEL LBS. 1885

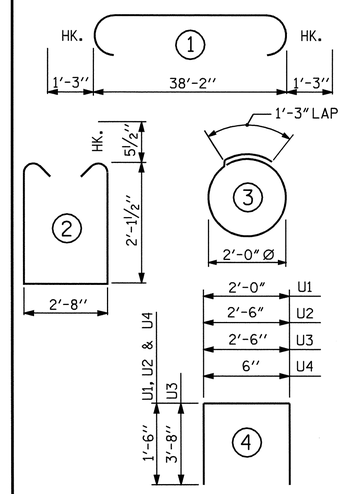
CLASS "A" CONCRETE BREAKDOWN

POUR #1 (CAP)	C.Y.	10.7
POUR #2 (LATERAL GUIDE)	C.Y.	0.1
TOTAL CLASS "A" CONCRETE	C.Y.	10.8

HP 14 x 73 STEEL PILES

NO. 9 LIN. FT. 405

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

PROJECT NO. B-3711

WAYNE COUNTY

STATION: 18+53.50 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT #2

NORTH CAROLINA PROFESSIONAL SEAL 14045 ENGINEER TIMOTHY L. COGGINS

Timothy L. Coggins 10/20/04

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-12
1			3			TOTAL SHEETS
2			4			19

DRAWN BY : T.L. AVERETTE DATE : 5-04
CHECKED BY : PEGGY ADKINS DATE : 5-04

20-OCT-2004 09:56
W:\squadr\b3711\taverette\Microstation\B3711_sd_B2_01.dgn
padkins