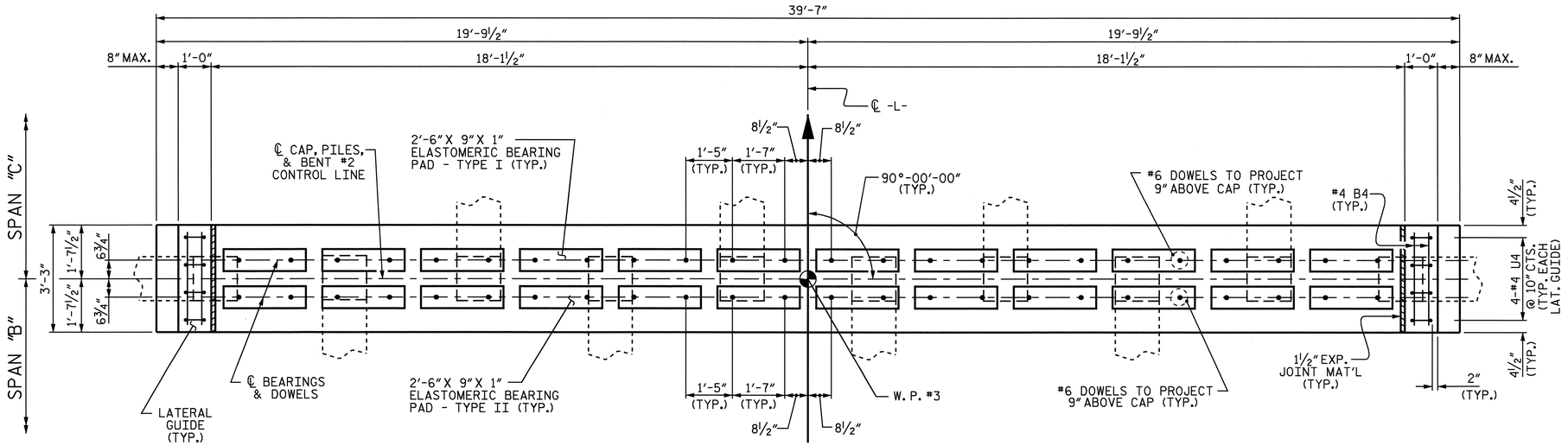
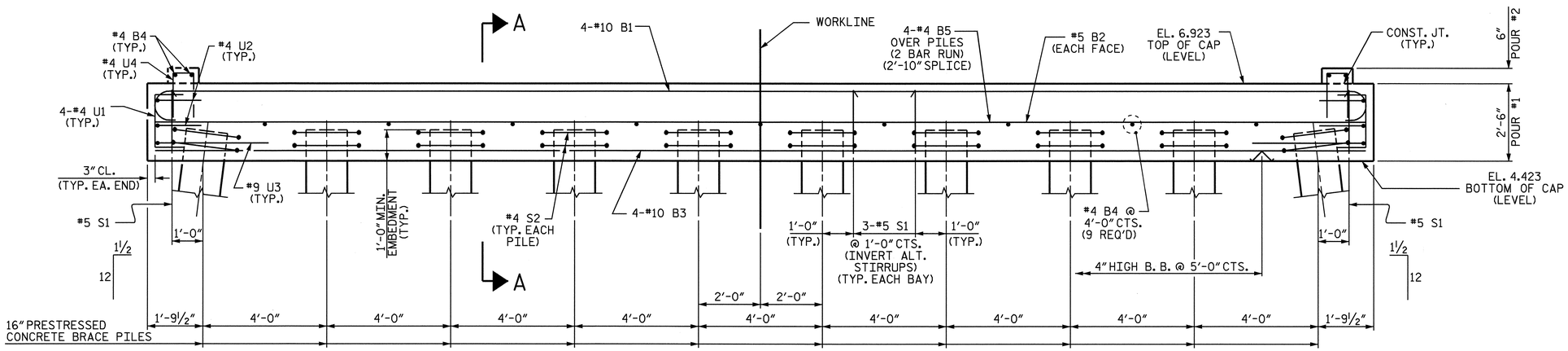
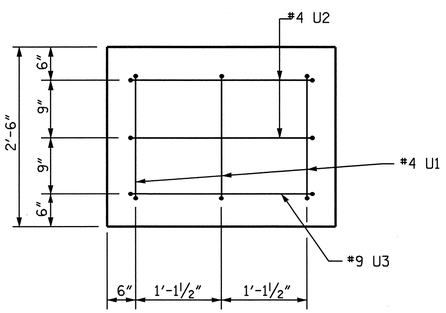
W:\squadr\MICROSØ\b3496\padkins\MICROSØ\B3496_SD_B2_01.padkins



PLAN

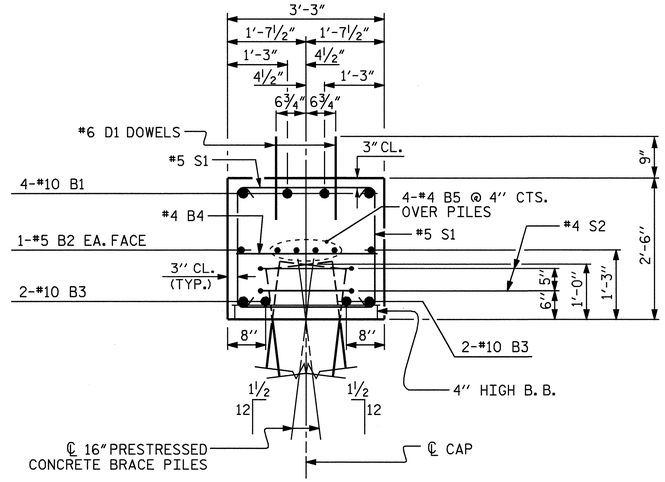


ELEVATION



END OF CAP VIEW

(TYP. EA. END)



SECTION A-A

NOTES:

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

ALL REINFORCING STEEL IS EPOXY COATED.

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

ALL CONCRETE IN THE BENT CAP SHALL BE CLASS "AA".

BILL OF MATERIAL

BENT #2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ B1	4	#10	1	41'-10"	720
✳ B2	2	#5	STR	39'-1"	82
✳ B3	4	#10	STR	39'-1"	673
✳ B4	13	#4	STR	2'-9"	24
✳ B5	8	#4	STR	21'-0"	112
✳ D1	48	#6	STR	1'-6"	108
✳ S1	29	#5	2	7'-7"	229
✳ S2	20	#4	3	8'-1"	108
✳ U1	6	#4	4	4'-11"	20
✳ U2	4	#4	4	5'-9"	15
✳ U3	2	#9	4	10'-1"	69
✳ U4	8	#4	4	3'-6"	19

✳ EPOXY COATED REINFORCING STEEL LBS. 2179

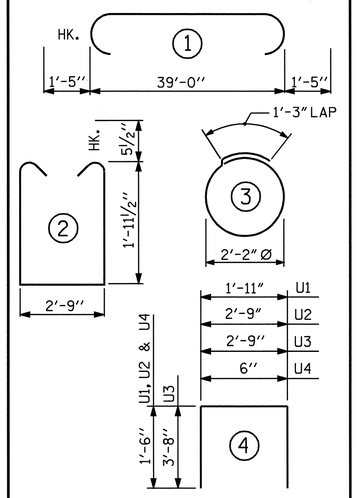
CLASS "AA" CONCRETE BREAKDOWN

POUR #1 (CAP)	C.Y.	11.9
POUR #2 (LATERAL GUIDE)	C.Y.	0.1
TOTAL CLASS "AA" CONCRETE	C.Y.	12.0

16" PRESTRESSED CONCRETE PILES

NO. 10	LIN. FT.	450
STEEL PILE TIPS	EACH	10

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

PROJECT NO. B-3496

NEW HANOVER COUNTY

STATION: 17+67.00 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT #2

NORTH CAROLINA PROFESSIONAL SEAL 14045 ENGINEER TIMOTHY L. COGGINS

2/2/05

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-20
1			3			TOTAL SHEETS
2			4			28

DRAWN BY : PEGGY ADKINS DATE : 8-03
CHECKED BY : F. GUZMAN DATE : 9-03