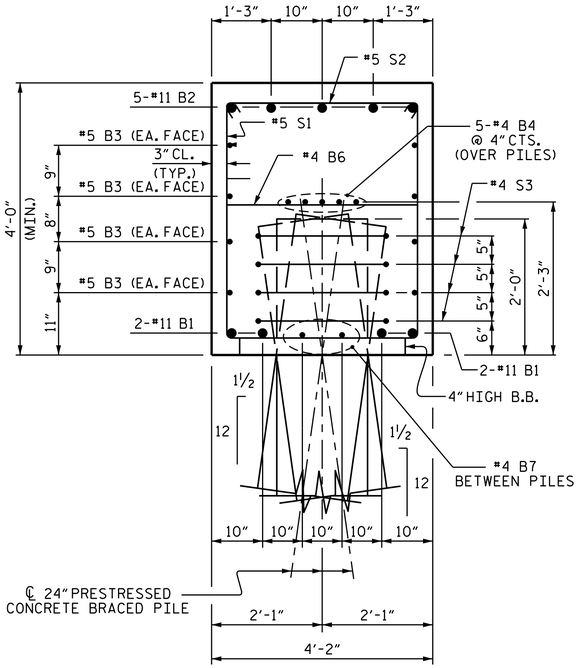
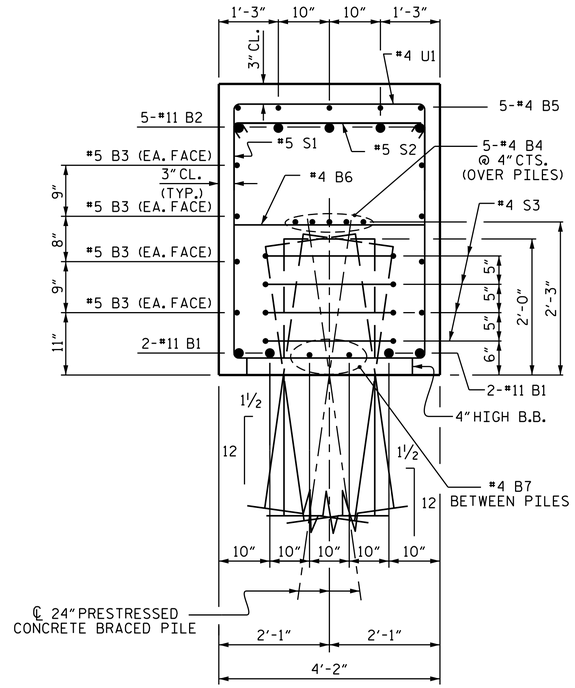
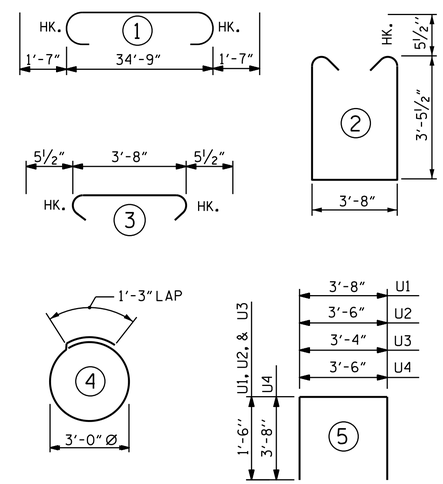


SECTION A-A



SECTION B-B

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL FOR ONE BENT (3 REQUIRED)

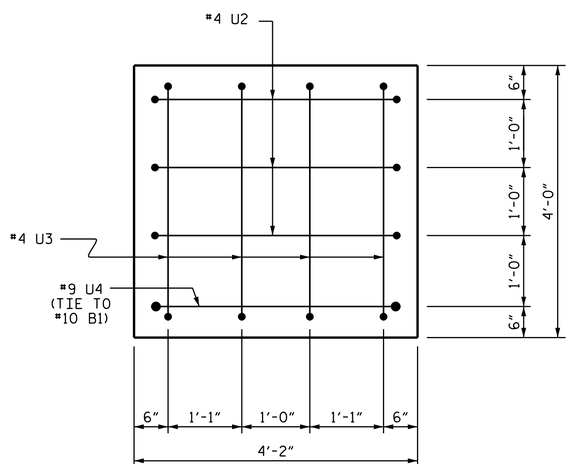
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ B1	4	#11	STR	34'-11"	742
✳ B2	5	#11	1	37'-11"	1007
✳ B3	8	#5	STR	34'-11"	291
✳ B4	10	#4	STR	18'-11"	126
✳ B5	5	#4	STR	13'-8"	46
✳ B6	9	#4	STR	3'-8"	22
✳ B7	10	#5	STR	3'-10"	40
✳ S1	32	#5	2	11'-6"	384
✳ S2	32	#5	3	4'-7"	153
✳ S3	24	#4	4	10'-9"	172
✳ U1	37	#4	5	6'-8"	165
✳ U2	6	#4	5	6'-6"	26
✳ U3	8	#4	5	6'-4"	34
✳ U4	2	#9	5	10'-10"	74

✳ EPOXY COATED REINFORCING STEEL LBS. 3282

CLASS AA CONCRETE ★ 20.7 C.Y.

★ CONCRETE DISPLACED BY THE 24" PRESTRESSED CONCRETE PILES HAS BEEN DEDUCTED FROM THE CONCRETE QUANTITY.

BENT	24" PRESTRESSED CONCRETE PILES		PILE REDRIVES
	NUMBER	LINEAR FEET	EACH
4	6	390	3
7	6	300	3
10	6	420	3



END VIEW

(TYP. EA. END)

PROJECT NO. B-4722B

CARTERET COUNTY

STATION: 47+75.00 -L-

SHEET 2 OF 2

NORTH CAROLINA PROFESSIONAL SEAL 22005 ENGINEER A. KEITH PASCHAL

DocuSigned by: A. Keith Paschal F8B6AD6DB2FC48F... 1/16/2015

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENTS 4, 7, & 10

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-39
1			3			TOTAL SHEETS
2			4			45

DRAWN BY : D. G. ELY DATE : 9/9/14
CHECKED BY : B. N. BARODAWALA DATE : 10/2014
DESIGN ENGINEER OF RECORD: O. PUIGCERVER DATE : 11/5/14

16-JAN-2015 15:10
R:\structures\Final Plans\B4722B_BTS 4, 7,, 10.dgn
kpaschal