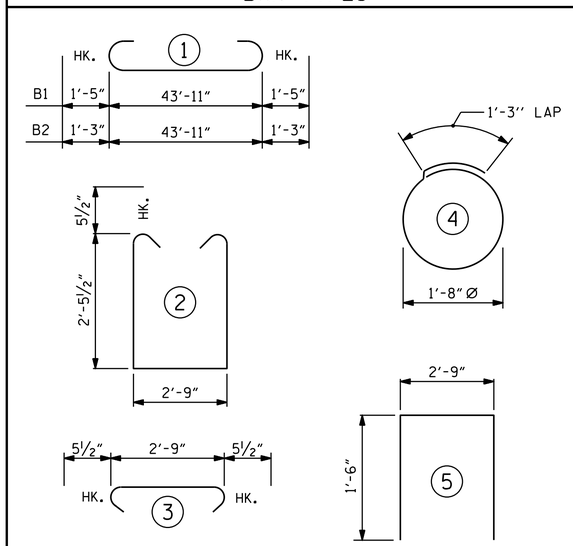
BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL
INTEGRAL END BENT 1

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ B1	4	#10	1	46'-9"	805
✳ B2	5	#9	1	46'-5"	789
✳ B3	4	#5	STR	44'-1"	184
✳ B4	8	#4	STR	23'-6"	126
✳ B5	5	#4	STR	13'-0"	43
✳ B6	11	#4	STR	2'-9"	20
✳ B7	6	#4	STR	5'-2"	21
✳ H1	16	#4	STR	9'-9"	104
✳ S1	66	#5	2	8'-7"	591
✳ S2	66	#5	3	3'-8"	252
✳ S3	28	#4	4	6'-6"	122
✳ U1	9	#4	5	5'-9"	35
✳ V1	82	#4	STR	5'-0"	274
✳ V2	28	#4	STR	8'-2"	153

✳ EPOXY COATED REINFORCING STEEL 3519 LBS.

CLASS AA CONCRETE

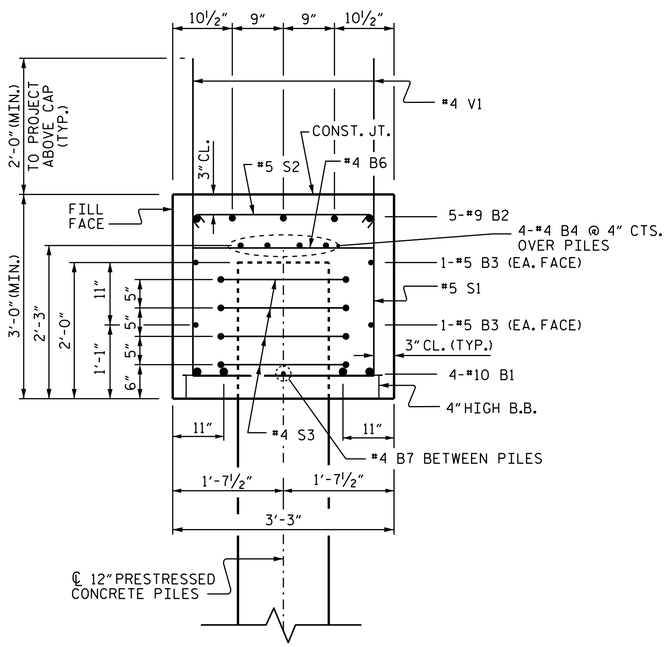
POUR #1 CAP & LOWER PART OF WINGS ★ 17.6 C.Y.

12" PRESTRESSED CONCRETE PILES

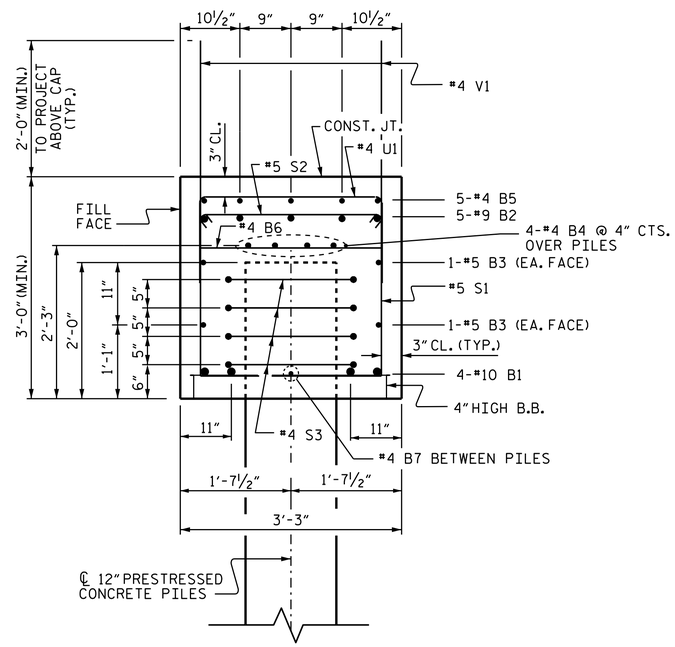
NO. = 7 LIN. FT.= 280

PILE REDRIVES EA. = 4

★ CONCRETE DISPLACED BY THE 12" PRESTRESSED CONCRETE PILES HAS BEEN DEDUCTED FROM THE CONCRETE QUANTITY.



SECTION A-A



SECTION B-B

PROJECT NO. B-4722B

CARTERET COUNTY

STATION: 47+75.00 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

INTEGRAL END BENT 1 DETAILS

NORTH CAROLINA PROFESSIONAL SEAL 22005 ENGINEER A. KEITH PASCHAL

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

REVISIONS								SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:			S-35
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_INTEGRAL_EBT.dgn
kpaschal