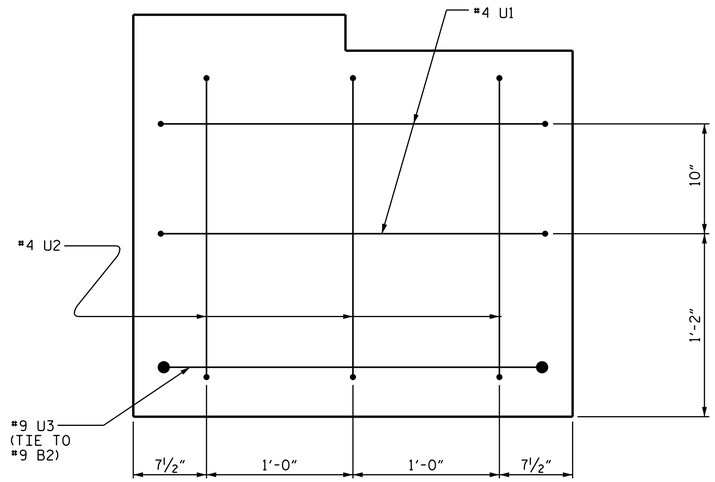
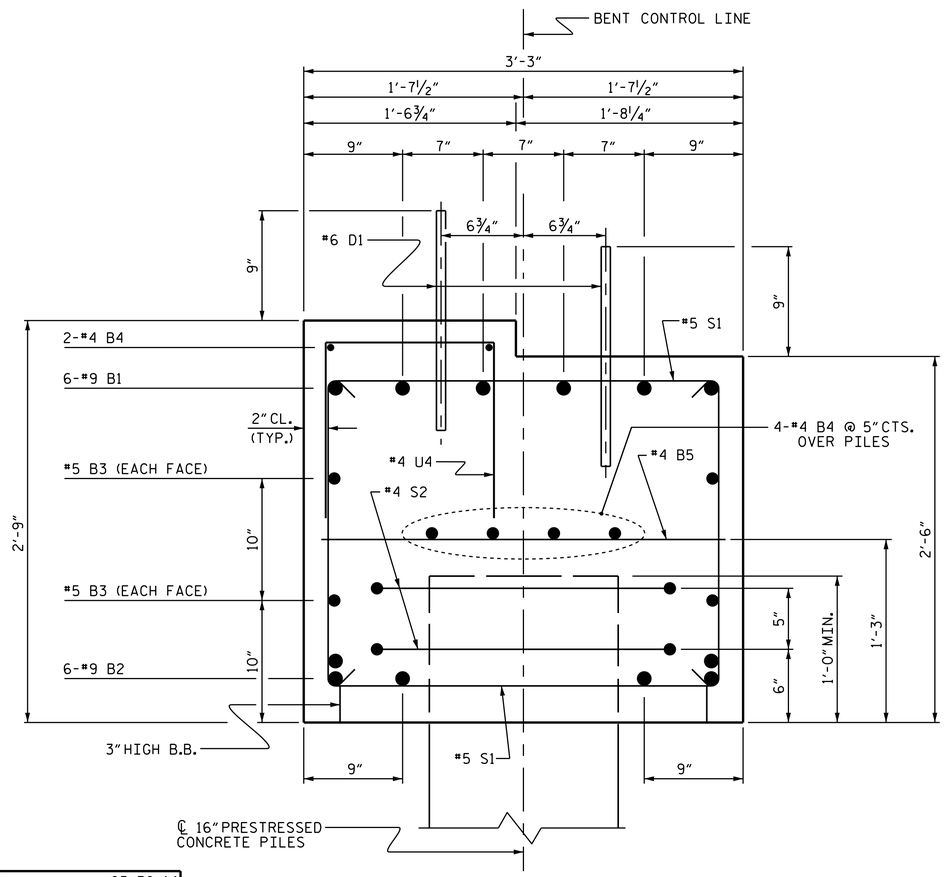


END OF CAP VIEW

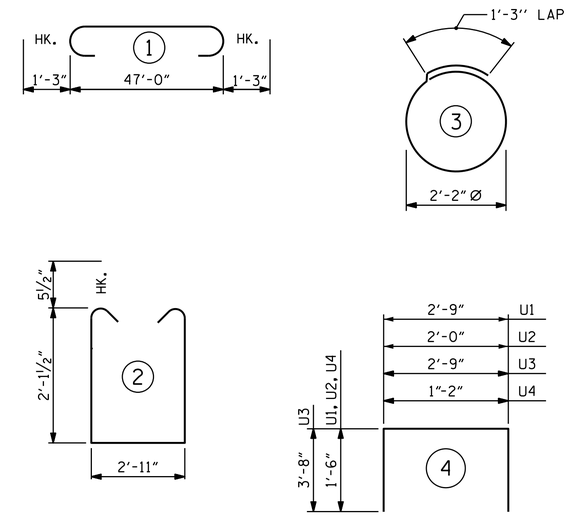
(SIMILAR BOTH ENDS)



SECTION A-A

(BENT No. 1 SHOWN, BENT No. 2 SIMILAR)

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL
FOR ONE BENT

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	#9	1	49'-6"	1010
B2	6	#9	STR	47'-2"	962
B3	4	#5	STR	47'-2"	197
B4	12	#4	STR	24'-10"	199
B5	12	#4	STR	2'-11"	23
B6	5	#5	STR	6'-10"	36
D1	60	#6	STR	1'-6"	135
S1	61	#5	2	8'-1"	514
S2	12	#4	3	8'-2"	65
U1	4	#4	4	5'-9"	15
U2	6	#4	4	5'-0"	20
U3	2	#9	4	10'-1"	69
U4	32	#4	4	4'-2"	89

REINFORCING STEEL
(FOR ONE BENT) 3,334 LBS.

CLASS A CONCRETE BREAKDOWN
(FOR ONE BENT)
POUR #1 (CAP) ▲ 14.9 CU.YDS.
TOTAL CLASS A CONCRETE 14.9 CU.YDS.

16" PRESTRESSED CONCRETE PILES
BENT No. 1 No. 6 300 LIN. FT.
BENT No. 2 No. 6 270 LIN. FT.

PILE REDRIVES EA. 3

▲ CONCRETE DISPLACED BY THE 16" PRESTRESSED CONCRETE PILES HAS BEEN DEDUCTED FROM THE CLASS A CONCRETE QUANTITY.

PROJECT NO. B-5124
NASH COUNTY
STATION: 54+85.50 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT No. 1 & No. 2

NORTH CAROLINA PROFESSIONAL SEAL 14045 ENGINEER TIMOTHY L. COGGINS
3/9/2015
DocuSigned by: Tim Coggins DEFD4A8D48F4478...

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-64
1			3			TOTAL SHEETS
2			4			71

DRAWN BY : M.D. PISO DATE : 05-30-14
CHECKED BY : D.GLADDEN DATE : 12-11-14

DRAWN BY : DGE 05/10
CHECKED BY : MKT 05/10

09-MAR-2015 09:28
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nruffin

STR. #3