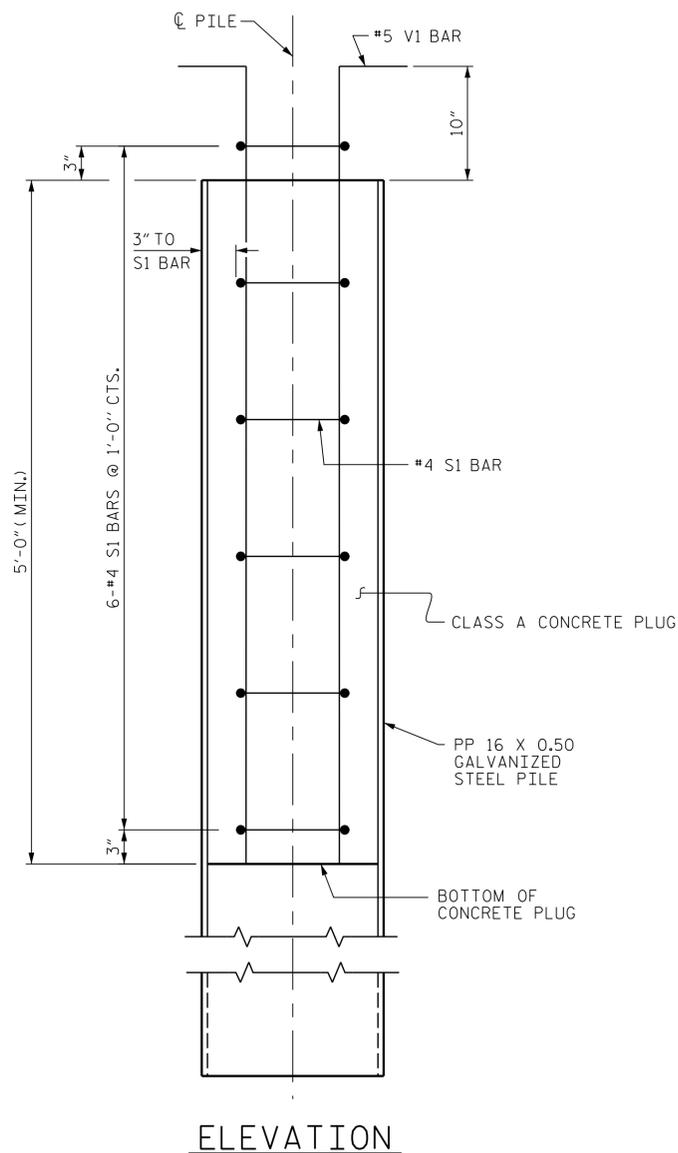
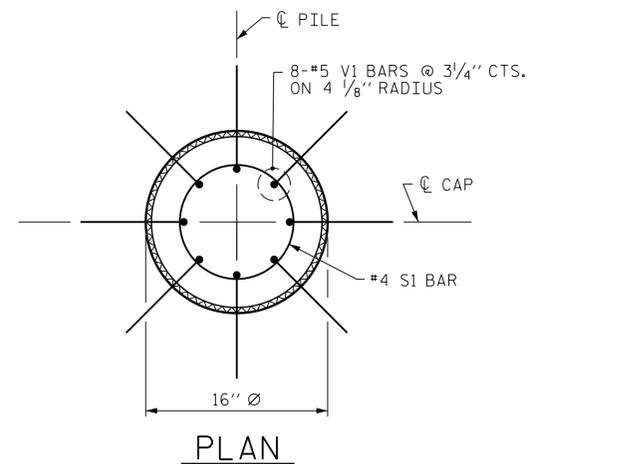
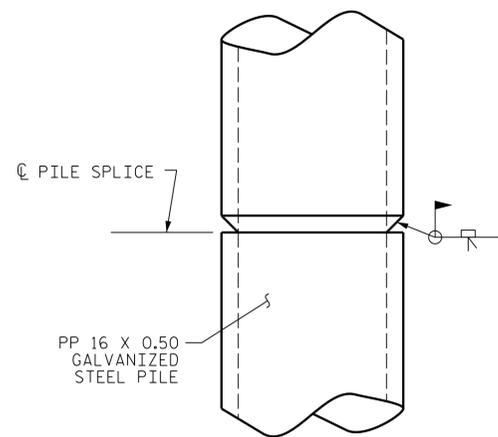


G:\CKE Projects\CKE\_R2514B Onslow Jones Co\Structures\Site 3\R-2514B-SD-03-BT1-03.dgn  
 1/27/2015 8:37:08 AM CKE\_R2514B\_PDF\_full.plt:cfgr2514B\_str.tbl



PP 16 X 0.50 GALVANIZED STEEL PILE  
(CLOSED END)



NOTES

PIPE PILES SHALL BE IN ACCORDANCE WITH SECTION 1084 OF THE STANDARD SPECIFICATIONS.

GALVANIZE STEEL PIPE PILES IN ACCORDANCE WITH SECTION 1076 OF THE STANDARD SPECIFICATIONS UNLESS METALLIZING IS REQUIRED. GALVANIZING OR METALLIZING PIPE PILE PLATES IS NOT REQUIRED.

CONICAL STEEL PILE POINTS SHALL BE IN ACCORDANCE WITH SECTION 450 OF THE STANDARD SPECIFICATIONS.

REMOVE AND REPLACE OR REPAIR TO THE SATISFACTION OF THE ENGINEER PILES THAT ARE DAMAGED, DEFORMED OR COLLAPSED DURING INSTALLATION OR DRIVING.

PILE SPLICES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND AWS D1.1.

FOR CLOSED END PIPE PILES, REMOVE ALL SOIL AND WATER FROM INSIDE THE PILES JUST PRIOR TO PLACING REINFORCING STEEL AND CONCRETE FOR THE CONCRETE PLUG.

FORM THE CONCRETE PLUG SUCH THAT THE REINFORCING STEEL OR CONCRETE DOES NOT MOVE AND THE CLEARANCE FROM THE REINFORCING STEEL TO THE INSIDE OF THE PILE IS MAINTAINED AFTER CONCRETE PLACEMENT. DO NOT PLACE CONCRETE IN THE BENT CAP UNTIL THE CONCRETE PLUG HAS ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 1500 PSI.

THE REINFORCING STEEL, CLASS A CONCRETE, AND GALVANIZING ARE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR PP 16 X 0.50 GALVANIZED STEEL PILES.

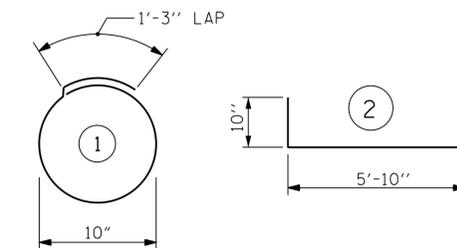
BILL OF MATERIAL FOR ONE  
PP 16 X 0.50 GALVANIZED STEEL PILE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
S1	6	#4	1	3'-11"	16
V1	8	#5	2	6'-8"	56
REINFORCING STEEL =				72	lbs

CLASS A CONCRETE  
5'-0" MINIMUM PLUG 0.2 CY

CONICAL STEEL PILE POINTS EA. 5

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

PROJECT NO. R-2514B  
 ONSLOW COUNTY  
 STATION: 147+95.00 -L-

SHEET 3 OF 3



DocuSigned by  
Robert F. Decola

1/27/2015

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 STANDARD  
 16" STEEL PIPE PILE  
 (RIGHT LANE)

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.  
S3-27  
TOTAL SHEETS  
34

THE LOUIS BERGER GROUP, Inc.  
 1001 Wade Avenue, Suite 400  
 Raleigh, NC 27605-3322  
 NC COA No. F-0840

STD. NO. SPP2

STR. #3

ASSEMBLED BY : JOHN MYA	DATE : 03/14
CHECKED BY : R. DECOLA	DATE : 05/14
DESIGN ENGINEER OF RECORD : R. DECOLA	DATE : 10/14
DRAWN BY : TLA 8/05	ADDED 10/1/05
CHECKED BY : GM 9/05	REV. 5/1/06R MAA/KMM
	REV. 10/1/11 MAA/GM