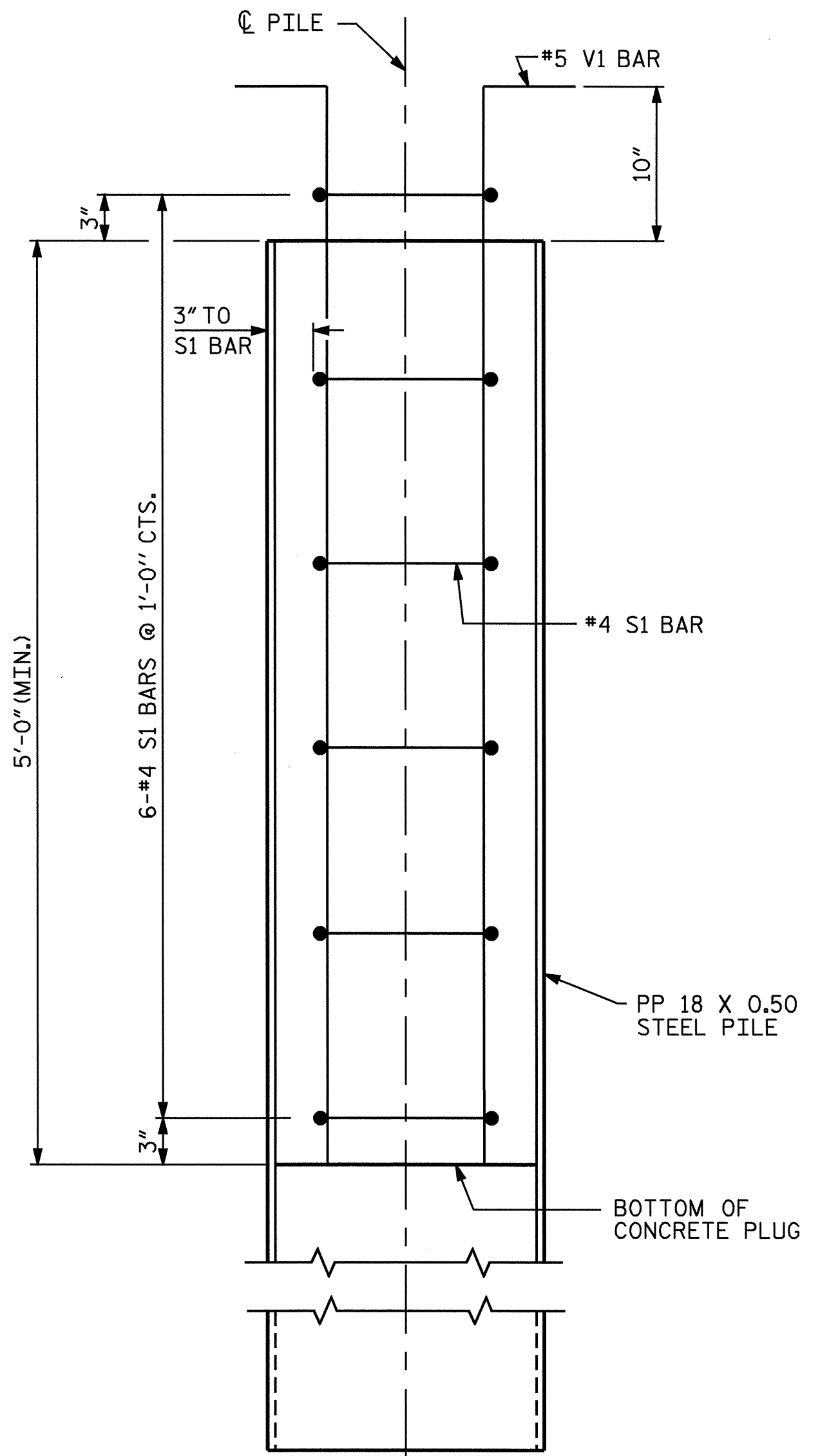


PLAN



ELEVATION

PP 18 X 0.50 STEEL PILE
(OPEN END)

NOTES

STEEL PILES SHALL MEET THE REQUIREMENTS OF ASTM A252 GRADE 2 AND SHALL BE GALVANIZED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE DRIVING PLATE, IF REQUIRED, MAY BE GALVANIZED.

THE CONCRETE IN THE PLUG SHALL BE CLASS A CONCRETE.

STEEL PILES SHALL BE EXAMINED FOR DAMAGE OR COLLAPSE AFTER BEING DRIVEN AND PRIOR TO PLACING REINFORCING STEEL AND CONCRETE IN THE TOP OF THE PILE. REJECTED PILES SHALL BE REMOVED OR THE CONTRACTOR SHALL SUBMIT A PROPOSAL TO REPAIR THE PILE.

PILE SPLICES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND AWS D1.1. A MAXIMUM OF 2 PILE SPLICES PER PILE IS ALLOWED.

THE CONTRACTOR WILL NOT BE REQUIRED TO REMOVE THE SOIL FROM WITHIN THE PILES AFTER DRIVING UNLESS IT IS NECESSARY TO OBTAIN THE MINIMUM CONCRETE PLUG.

THE PILES SHALL BE DEWATERED TO THE SATISFACTION OF THE ENGINEER TO THE EXTENT NECESSARY TO OBTAIN THE MINIMUM CONCRETE PLUG WITHOUT FOULING THE CONCRETE.

THE CONCRETE PLUG WITHIN THE PILES SHALL BE FORMED SUCH THAT NO MOVEMENT OF THE REINFORCING STEEL OR CONCRETE OCCURS EITHER DURING OR AFTER THE CONCRETE PLACEMENT.

THE CONCRETE PLUG SHALL BE CAST AND SHALL OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 1500 PSI PRIOR TO PLACING THE CONCRETE IN THE BENT CAP.

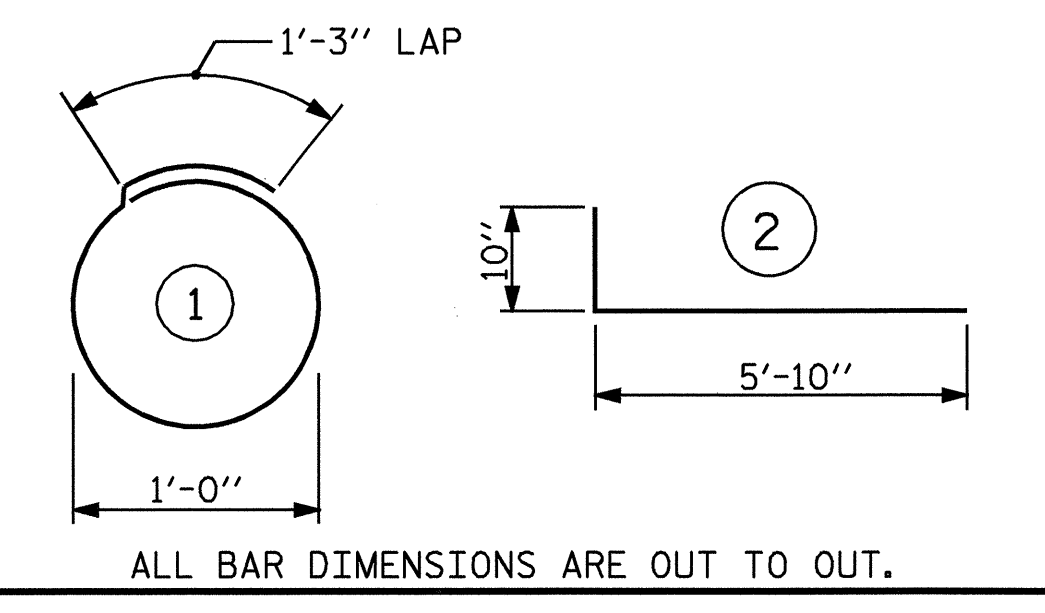
THE REINFORCING STEEL, CLASS A CONCRETE, GALVANIZING, AND DRIVING PLATE, IF REQUIRED, ARE CONSIDERED INCIDENTAL TO THE CONTRACT UNIT PRICE BID PER LINEAR FOOT FOR PP 18 X 0.50 STEEL PILES.

BILL OF MATERIAL FOR ONE
PP 18 X 0.50 STEEL PILE

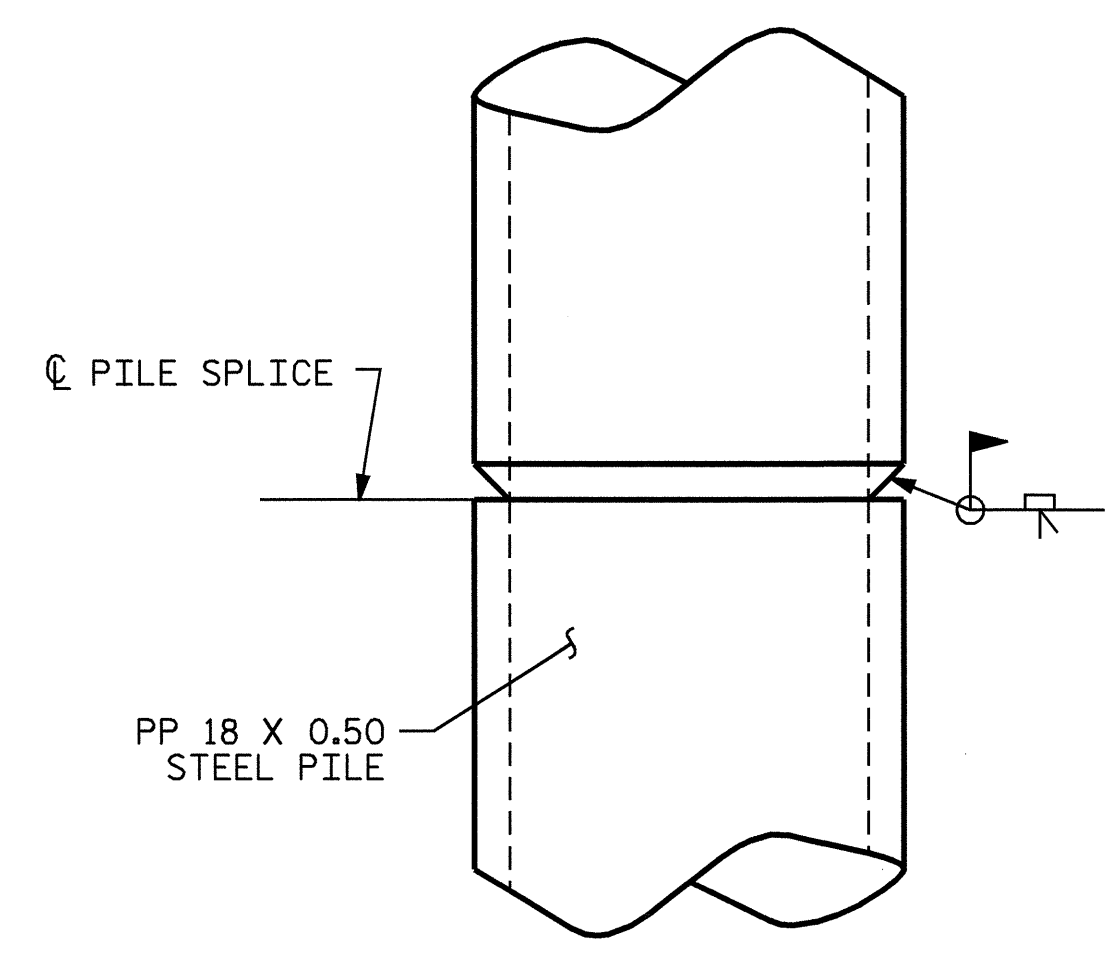
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
S1	6	#4	1	4'-5"	18
V1	8	#5	2	6'-8"	56
REINFORCING STEEL =				74	lbs

CLASS A CONCRETE
5'-0" MINIMUM PLUG 0.3 CY

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.



PILE SPLICE DETAILS

PROJECT NO. B-3467
HALIFAX COUNTY
STATION: 20+75.00 -L-



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
18" STEEL PIPE PILE

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-27	
1			3			TOTAL SHEETS 60	
2			4				

ASSEMBLED BY : B.N.BARODAWALA	DATE : 10-7-03
CHECKED BY : J.H. MILLER	DATE : 1-10-05
DRAWN BY : RWW	1/01
CHECKED BY : LES	1/01
REV. 7/10/01	RWW/LES
REV. 5/7/03	RWW/JTE