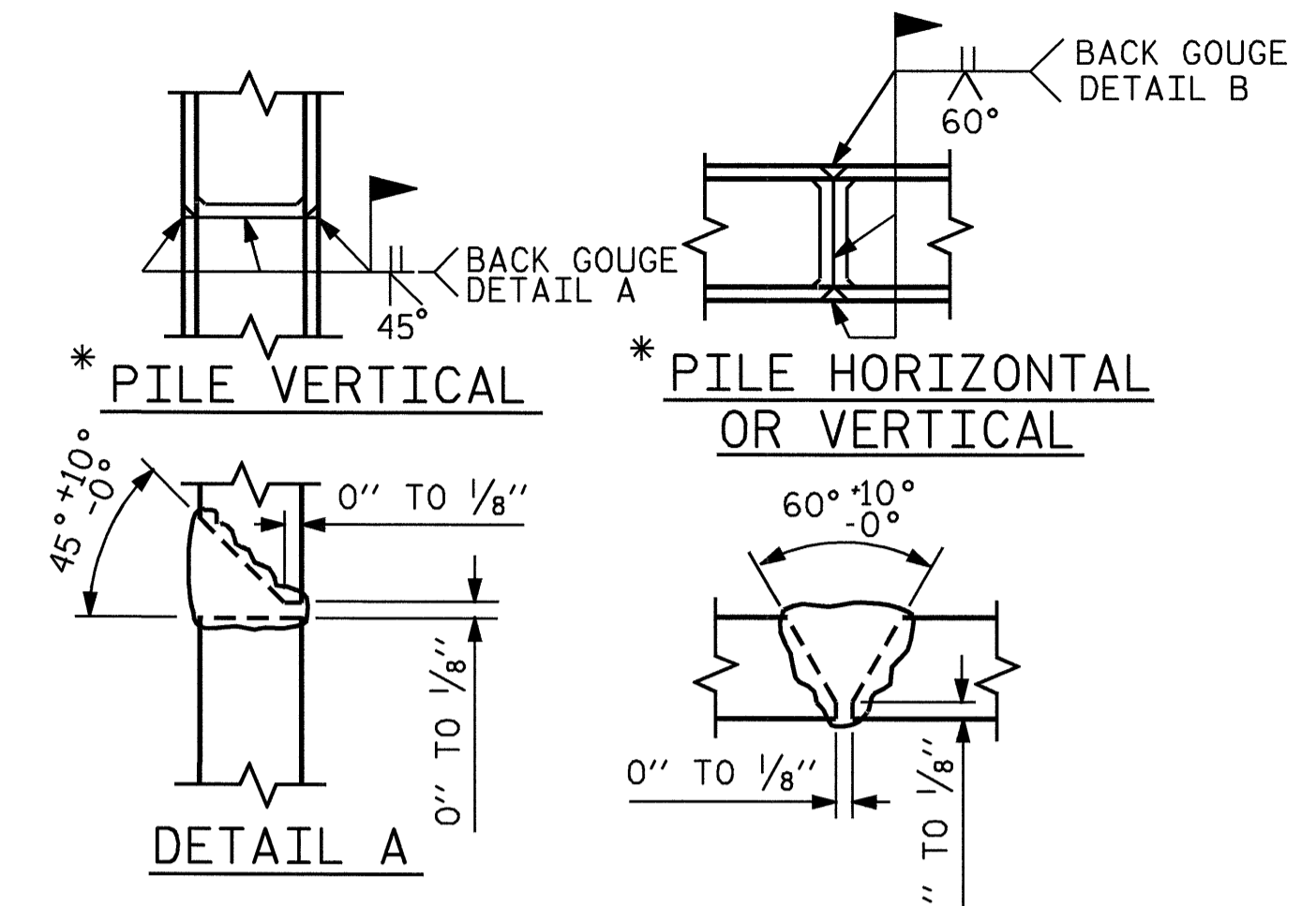
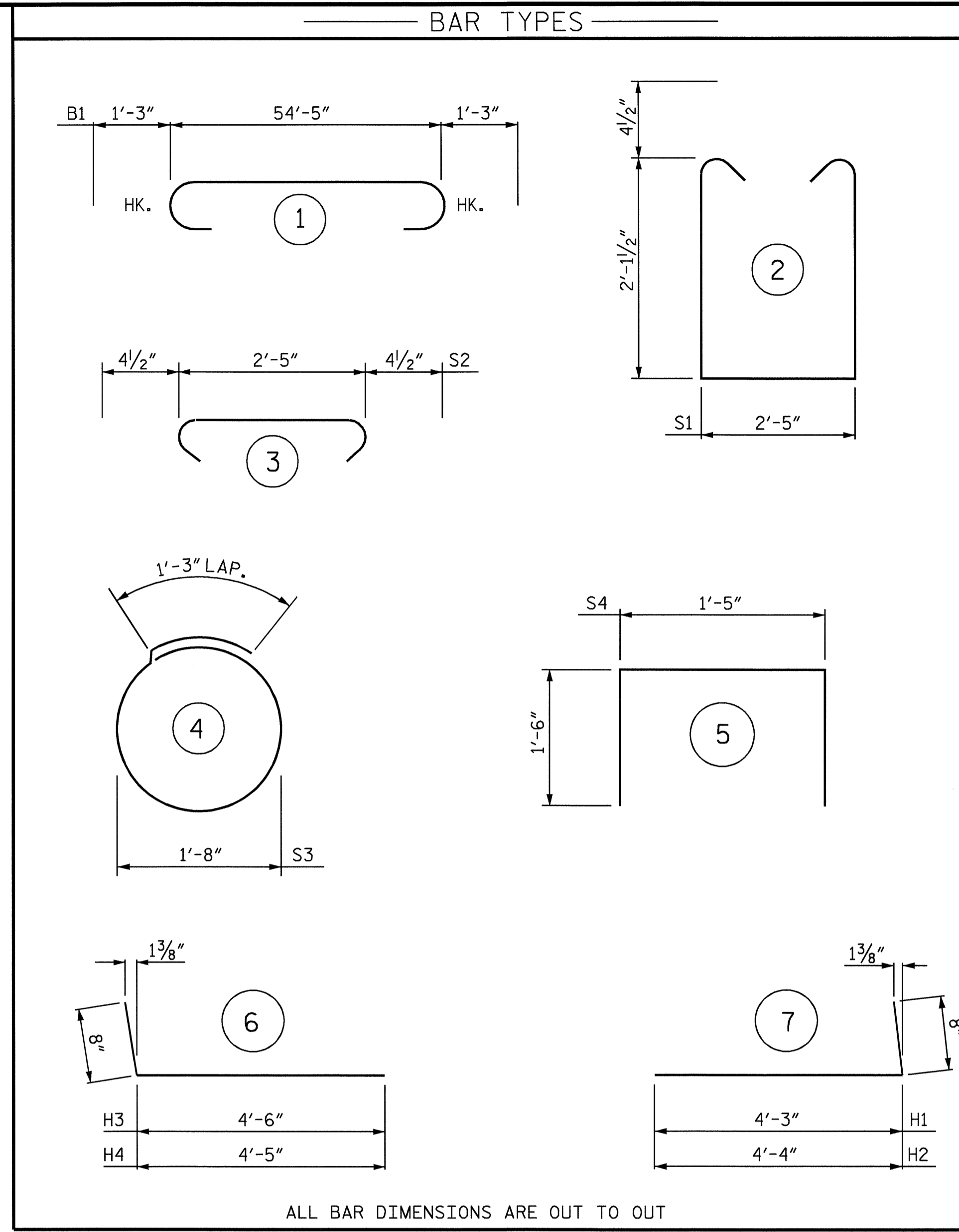


SECTION THRU CAP



POSITION OF PILE DURING WELDING. PILE SPLICE DETAILS



DETAIL A

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9	1	56'-11"	1548
B2	2	#5	STR	54'-7"	114
B3	8	#4	STR	28'-6"	152
B4	14	#4	STR	2'-5"	23
D1	32	#6	STR	1'-6"	72
H1	5	#4	7	5'-2"	17
H2	5	#4	7	5'-1"	17
H3	5	#4	6	4'-1"	16
H4	5	#4	6	5'-0"	17
K1	8	#4	STR	2'-7"	14
S1	56	#4	2	7'-5"	277
S2	56	#4	3	3'-2"	118
S3	20	#4	4	6'-6"	87
S4	4	#4	5	4'-5"	12
V1	18	#4	STR	4'-1"	49
V2	18	#4	STR	3'-10"	46
REINFORCING STEEL					= 2579 LBS.

CLASS 'A' CONCRETE BREAKDOWN

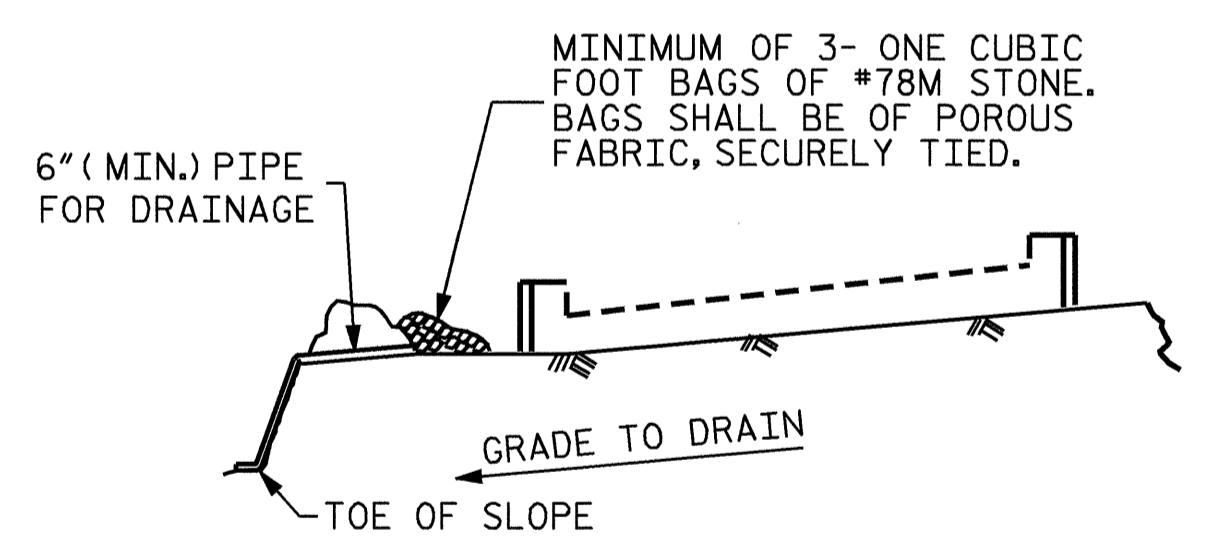
POUR #1 CAP & LOWER PART OF WINGS = 14.7 C.Y.

POUR #2 UPPER PART OF WINGS = 0.8 C.Y.

POUR #3 LATERAL GUIDES = 0.1 C.Y.

CLASS 'A' CONCRETE TOTAL = 15.5 C.Y.

HP 12 x 53 STEEL PILES  
NO. 10 LIN. FT. = 300 FT.

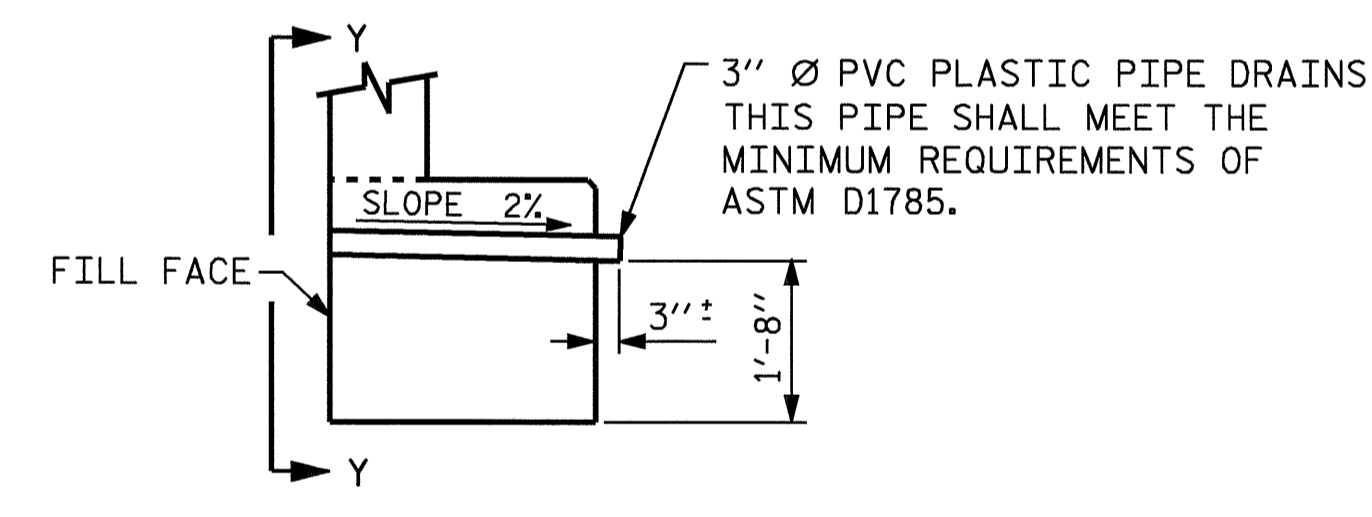


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

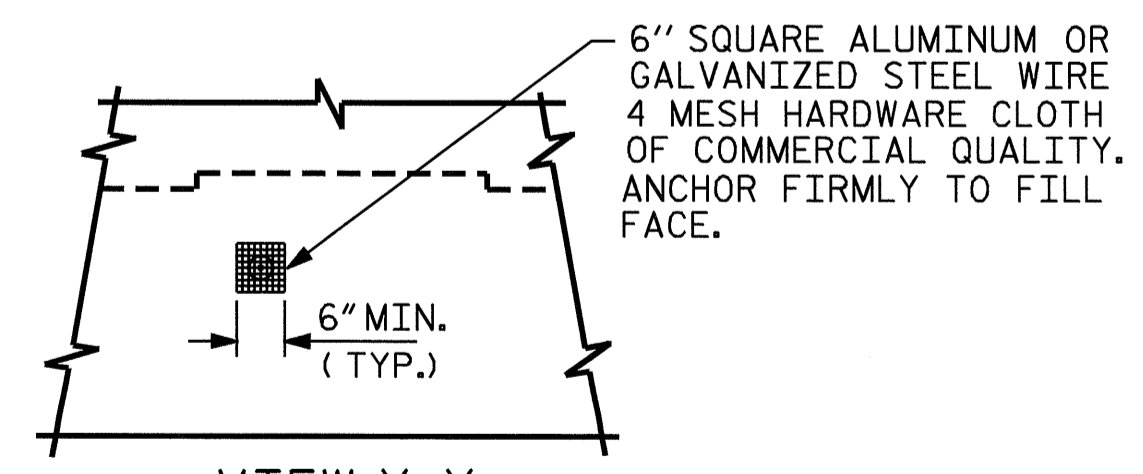
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT

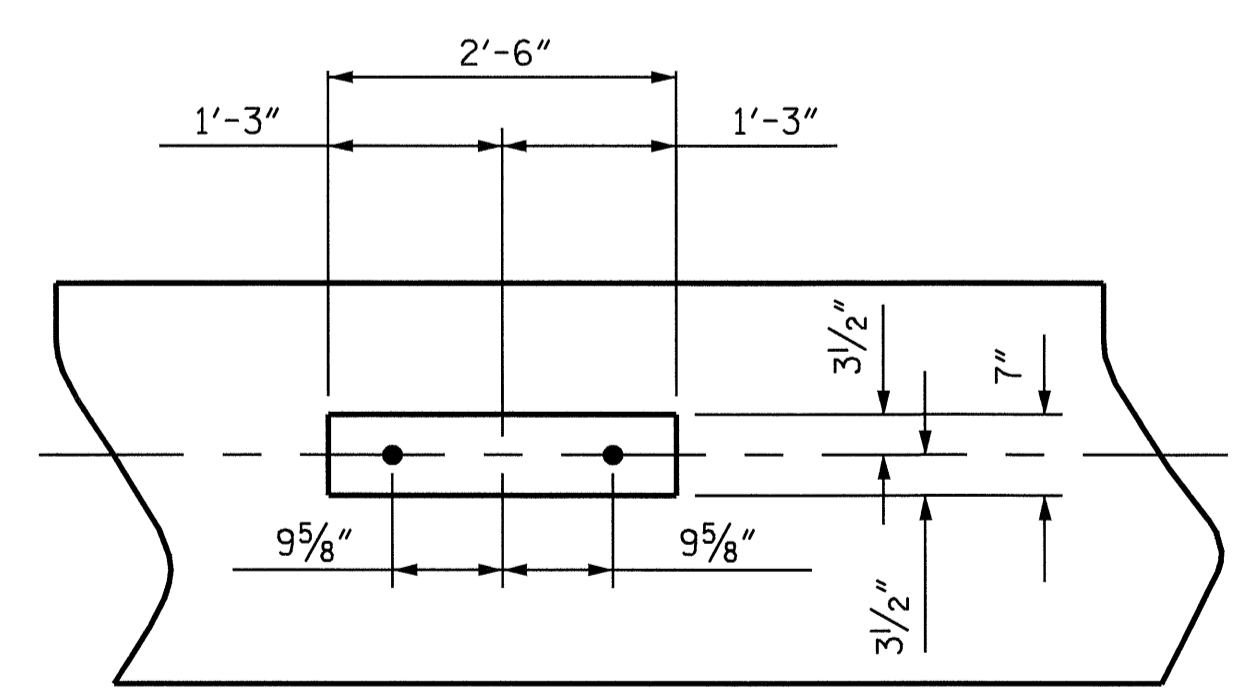


SECTION THRU CAP



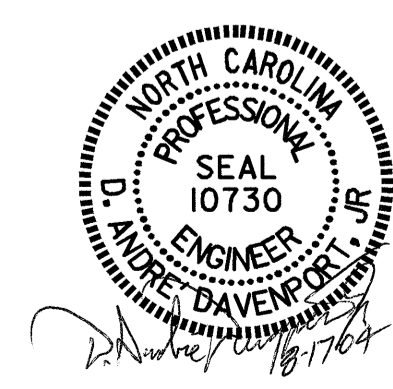
PIPE DRAIN DETAILS

NOTE: NO SEPARATE PAYMENT WILL BE MADE FOR FURNISHING AND INSTALLING THE PVC PLASTIC PIPE DRAINS, HARDWARE CLOTH AND FASTENERS. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.



PROJECT NO. B-3879  
NASH COUNTY  
STATION: 22+61.00 -L-

SHEET 3 OF 3  
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
SUBSTRUCTURE  
END BENT #2



DRAWN BY : J.B. WILSON DATE : 5/04  
CHECKED BY : D.A. DAVENPORT DATE : 5/04

17-AUG-2004 07:30  
w:\sqquad\B3879\jwilson\Microstation\B-3879.sd.E\*\_02.dgn  
adavenport

REVISIONS

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

SHEET NO. S-21  
TOTAL SHEETS 26