

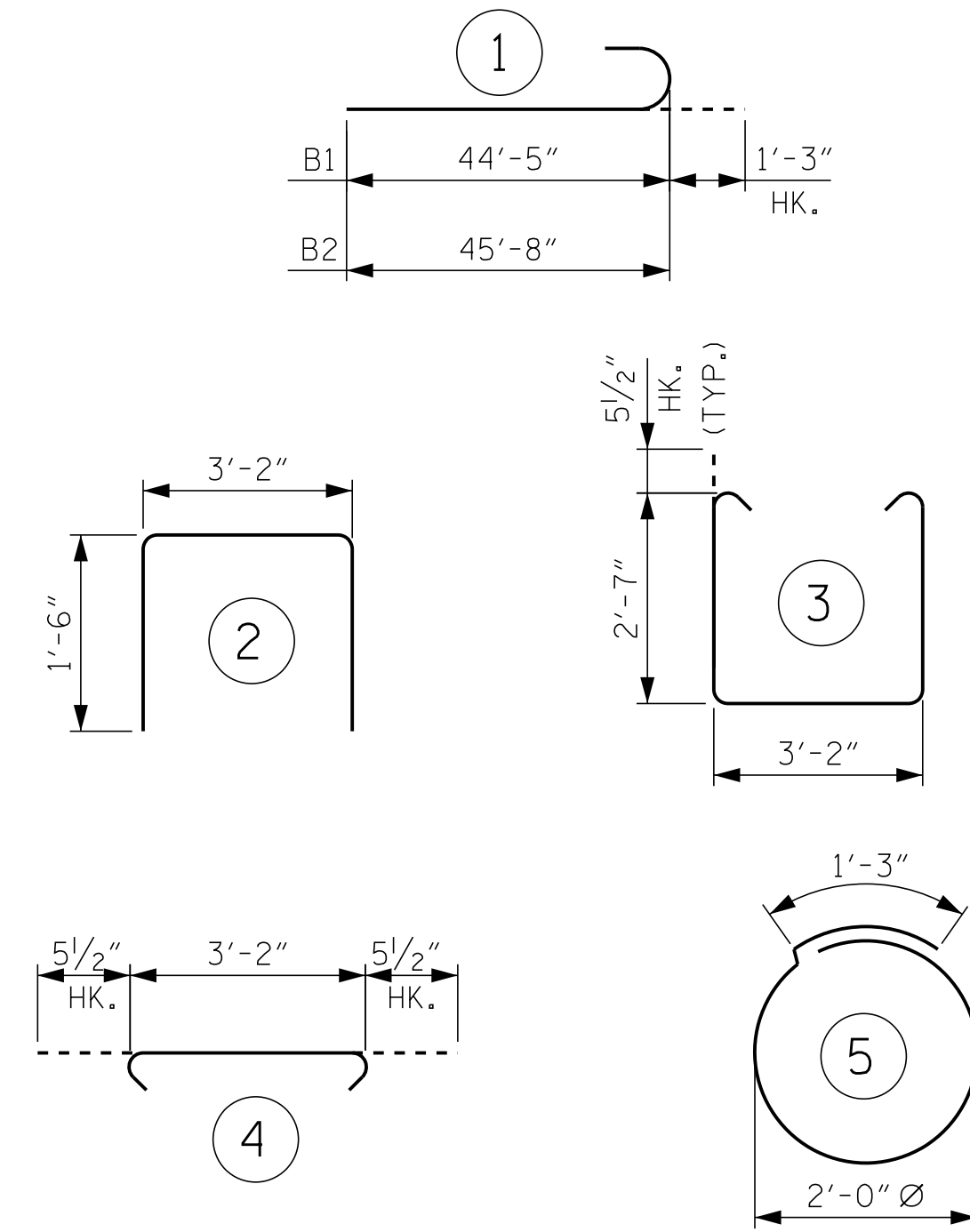
BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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.

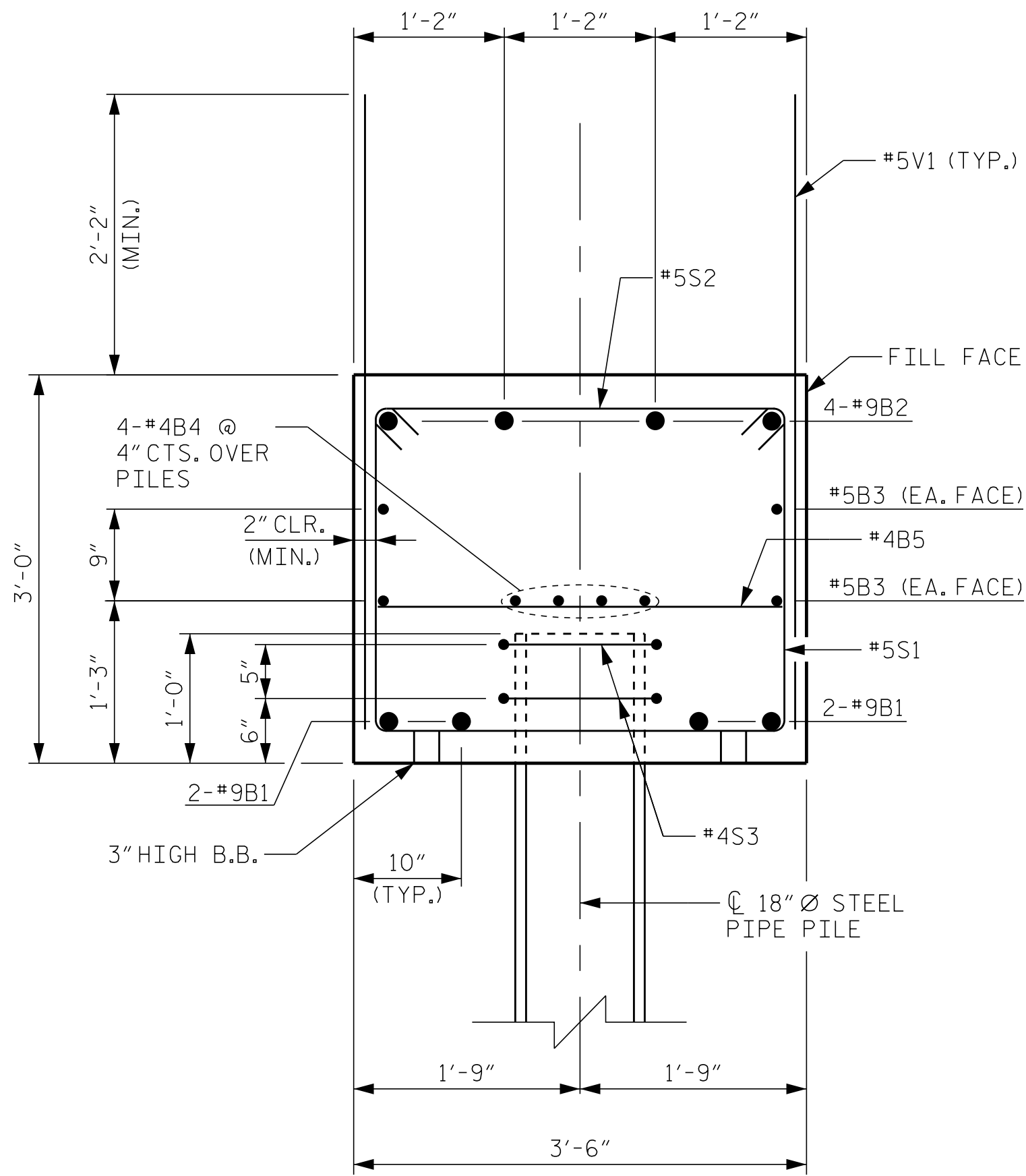
NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT

BAR TYPES						BILL OF MATERIAL					
END BENT 1											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT						
B1	8	9	1	45'-8"	1,242						
B2	8	9	1	46'-11"	1,276						
B3	8	5	STR	42'-9"	357						
B4	12	4	STR	29'-2"	234						
B5	21	4	STR	3'-2"	44						
B6	8	4	STR	21'-3"	114						
S1	98	5	3	9'-3"	945						
S2	84	5	4	4'-1"	358						
S3	28	4	5	7'-7"	142						
U1	41	4	2	6'-2"	169						
V1	168	5	STR	5'-9"	1,008						
REINFORCING STEEL					5,889 LBS.						
CLASS A CONCRETE					36.2 C. Y.						
18" Ø STEEL PIPE PILES: NO. 14					1,470 LIN. FT.						
PIPE PILE PLATES:					NO. 14						
PILE REDRIVES:					NO. 17						

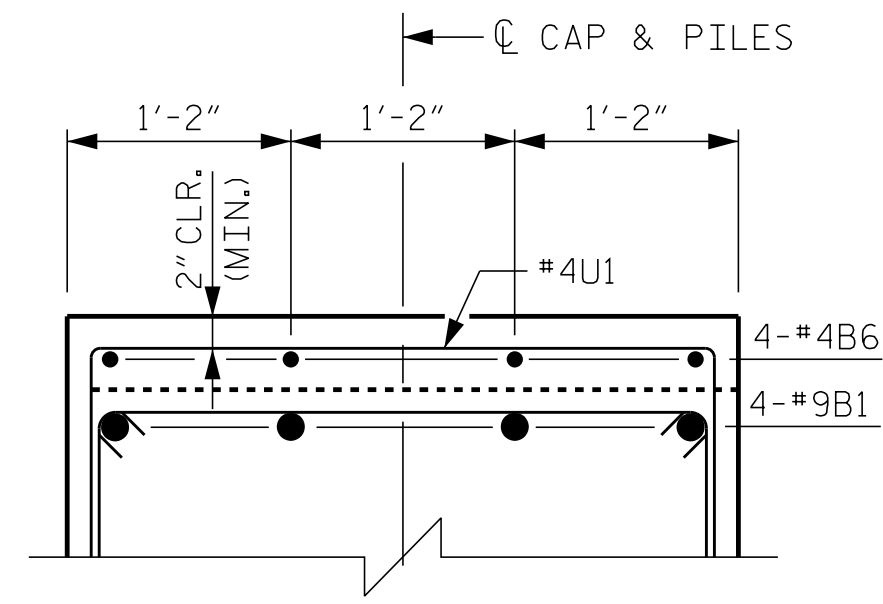


ALL BAR DIMENSIONS ARE OUT TO OUT



NOTE:
PIPE SLEEVE AND CONCRETE PLUG AND REINF.
NOT SHOWN FOR CLARITY.

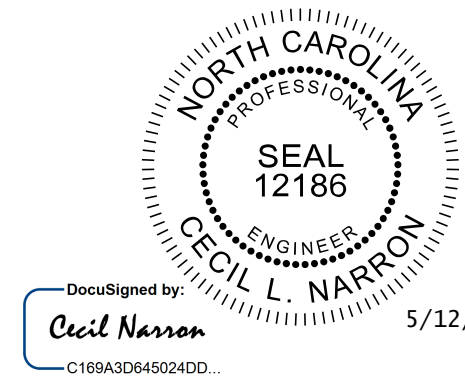
SECTION A-A



SECTION B-B

PROJECT NO. U-3315
PITT COUNTY
 STATION: 65+56.61 -L-
16+96.14 -Y10-

SHEET 2 OF 3



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 END BENT 1
 (INTEGRAL)

Kimley»Horn
 333 Fayetteville Street, Suite 600
 Raleigh, NC 27601-1772
 Phone (919) 835-1494

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-25
1			3			TOTAL SHEETS
2			4			33

DRAWN BY: J. I. KIMBLE DATE: 5/15
 CHECKED BY: J. C. WILSON DATE: 5/15
 DESIGN ENGINEER OF RECORD: C.L. NARRON DATE: 5/15