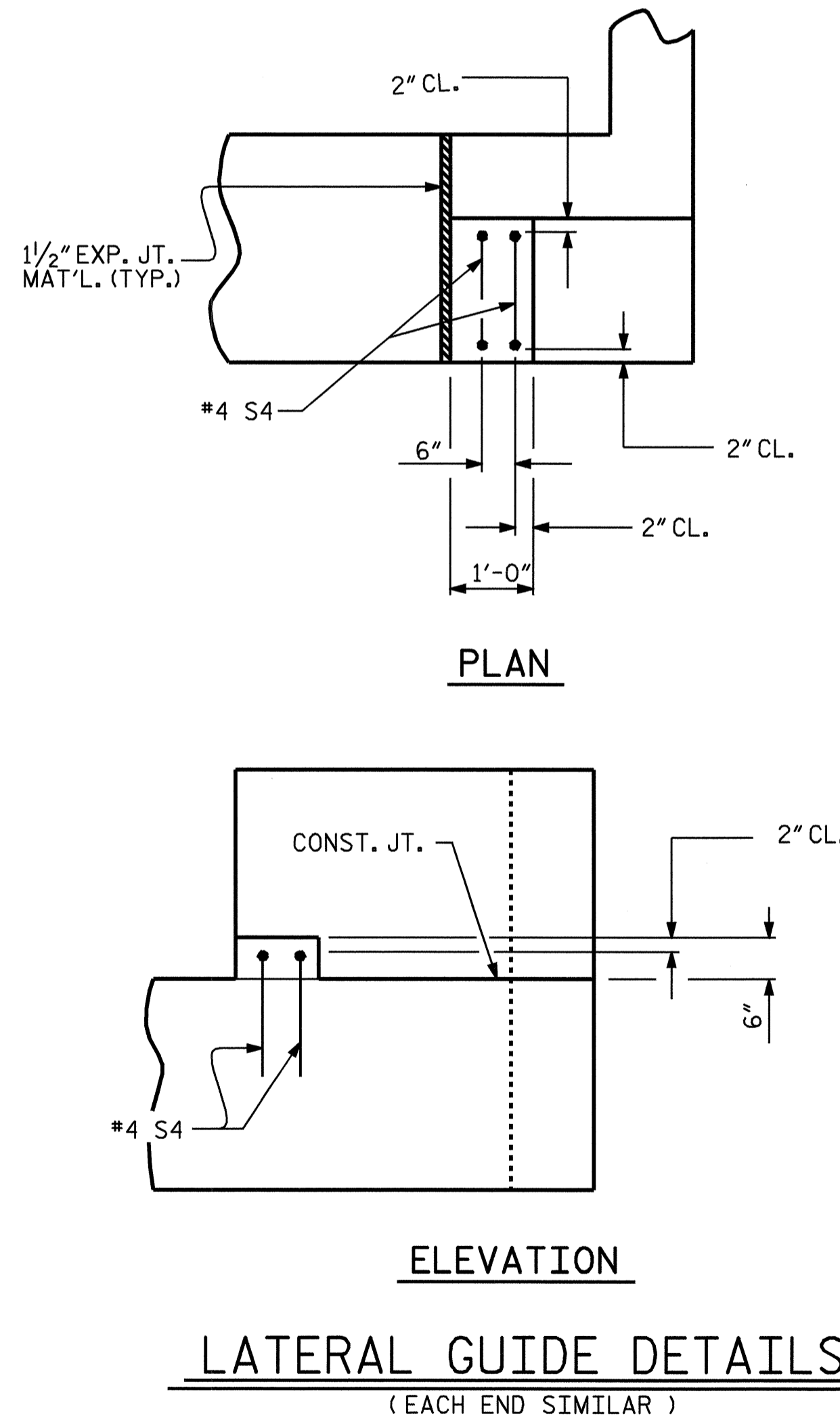


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

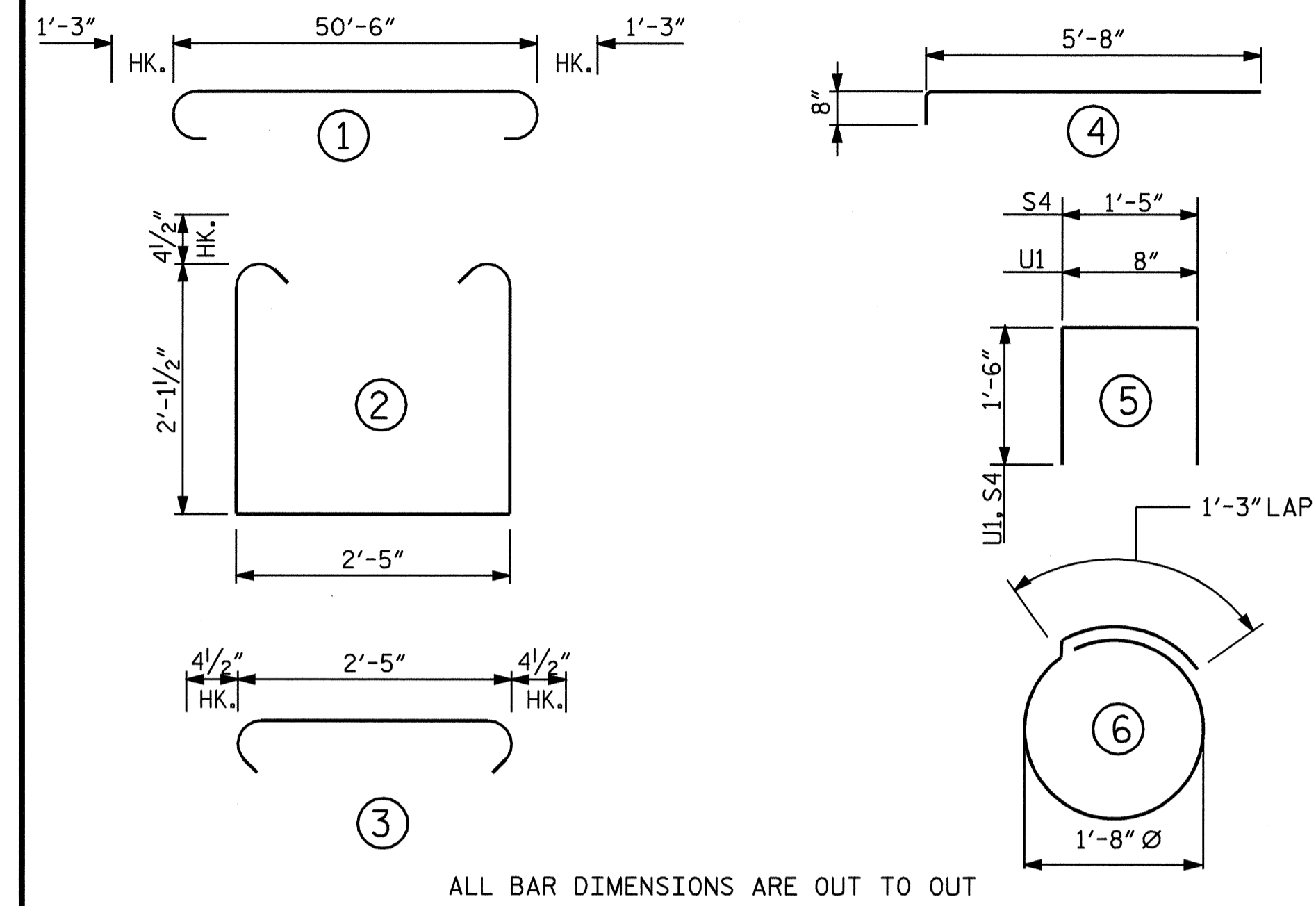
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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

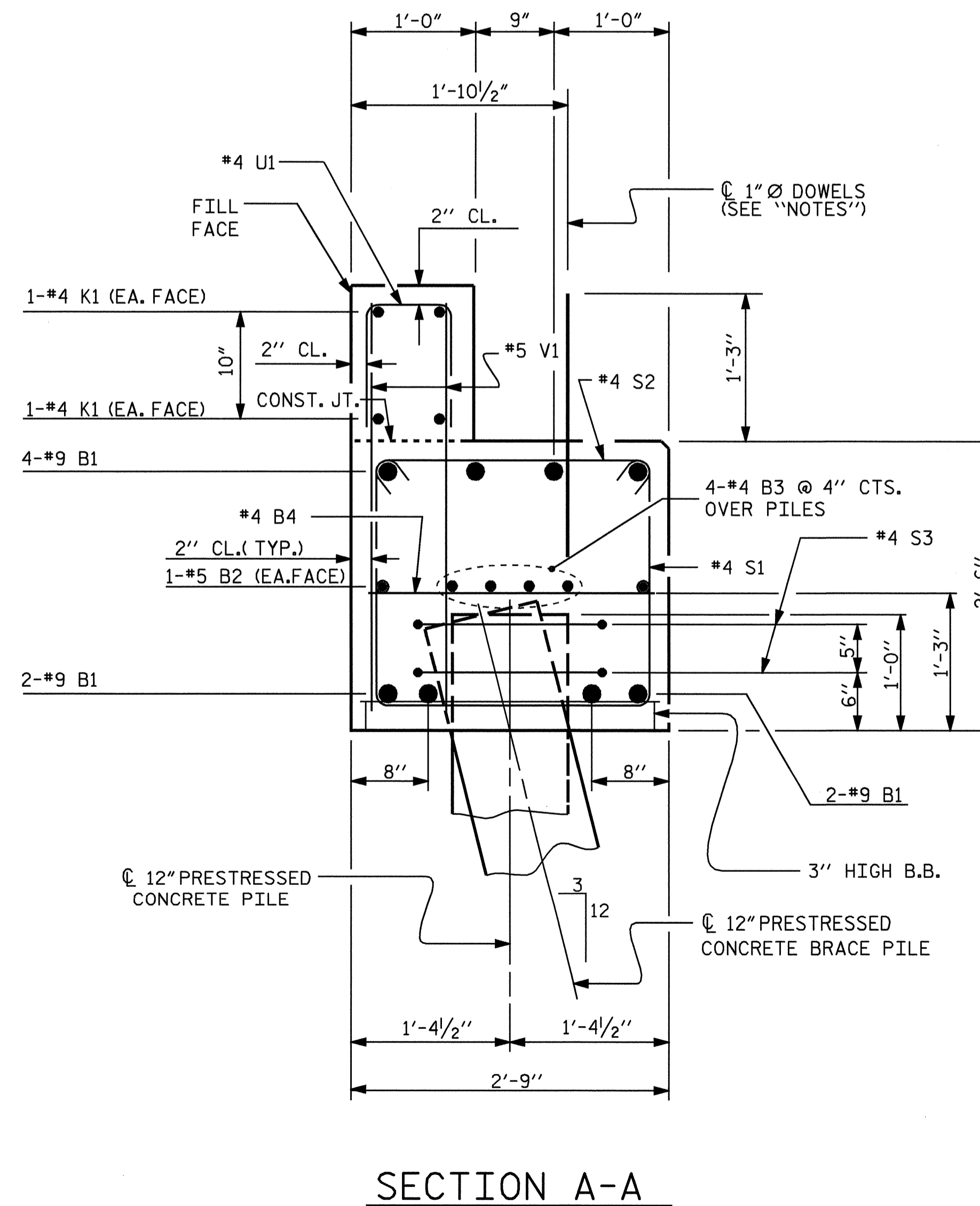
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	#9	1	53'-0"	1442
B2	#5	STR	50'-8"	106
B3	#4	STR	26'-7"	142
B4	#4	STR	2'-5"	21
H1	#4	4	6'-4"	118
K1	#4	STR	26'-7"	142
K2	#4	STR	2'-6"	13
S1	#4	2	7'-5"	228
S2	#4	3	3'-2"	97
S3	#4	6	6'-6"	104
S4	#4	5	4'-5"	12
U1	#4	5	3'-8"	113
V1	#5	STR	3'-6"	336
V2	#4	STR	4'-10"	116

TOTAL REINFORCING STEEL LBS. 2990

CLASS A CONCRETE BREAKDOWN

POUR 1	
CAP AND LOWER PORTION OF WINGS	CY 13.9
POUR 2	
BACKWALL AND UPPER PORTION OF WINGS	CY 4.2
POUR 3	
LATERAL GUIDES	CY 0.1
TOTAL	CY 18.2

12" SQUARE PRESTRESSED CONCRETE PILES NO. 12 LIN. FT. 480.0



PROJECT NO. B-3866
LENOIR-GREENE COUNTY
 STATION: 19+21.50 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUBSTRUCTURE
 END BENT 2**



DRAWN BY: T.L.CLELLAND DATE: 11/30/04
 CHECKED BY: K.P.SEDA DATE: 12/03/04

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			19
2			4			