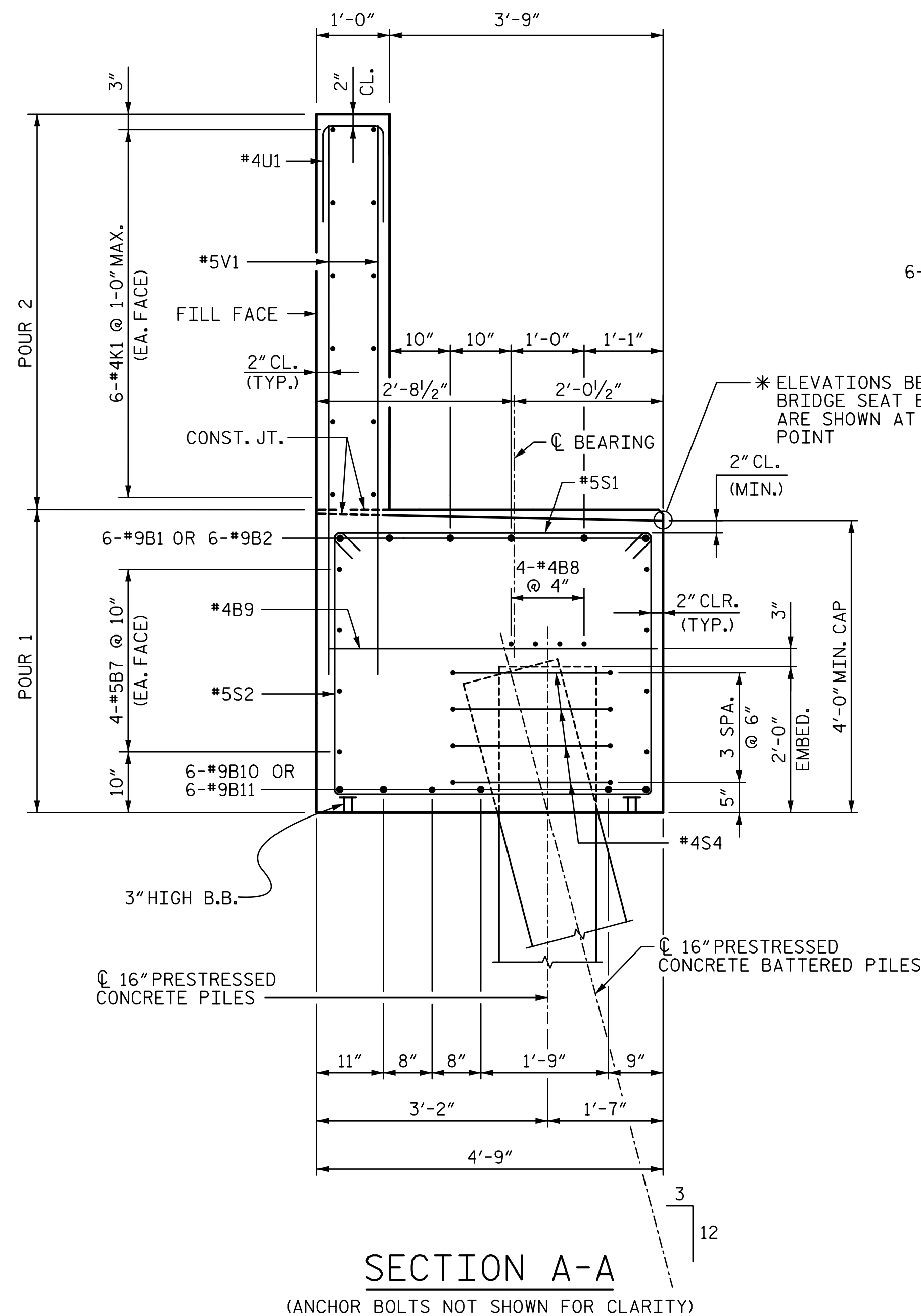


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

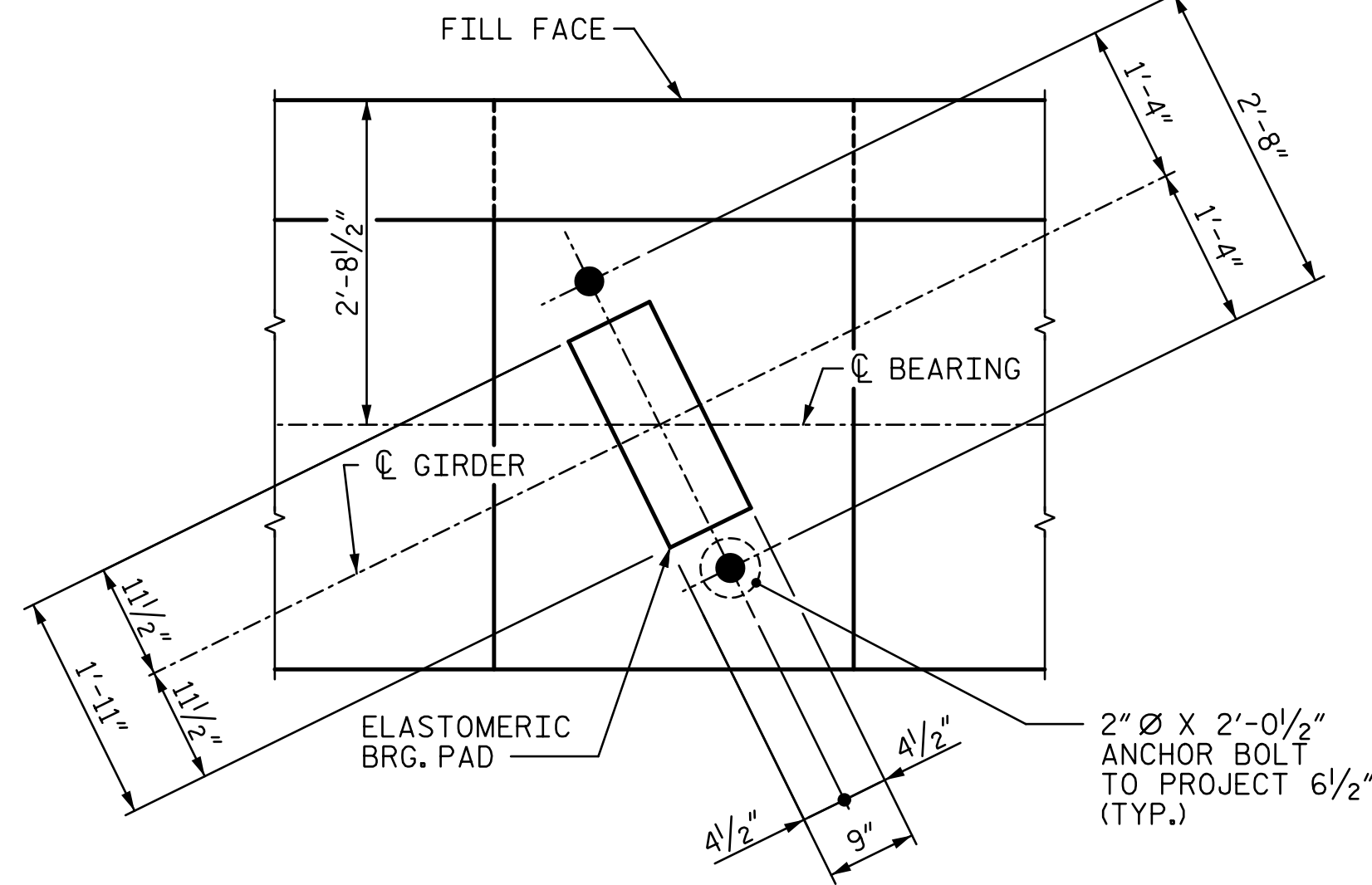
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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

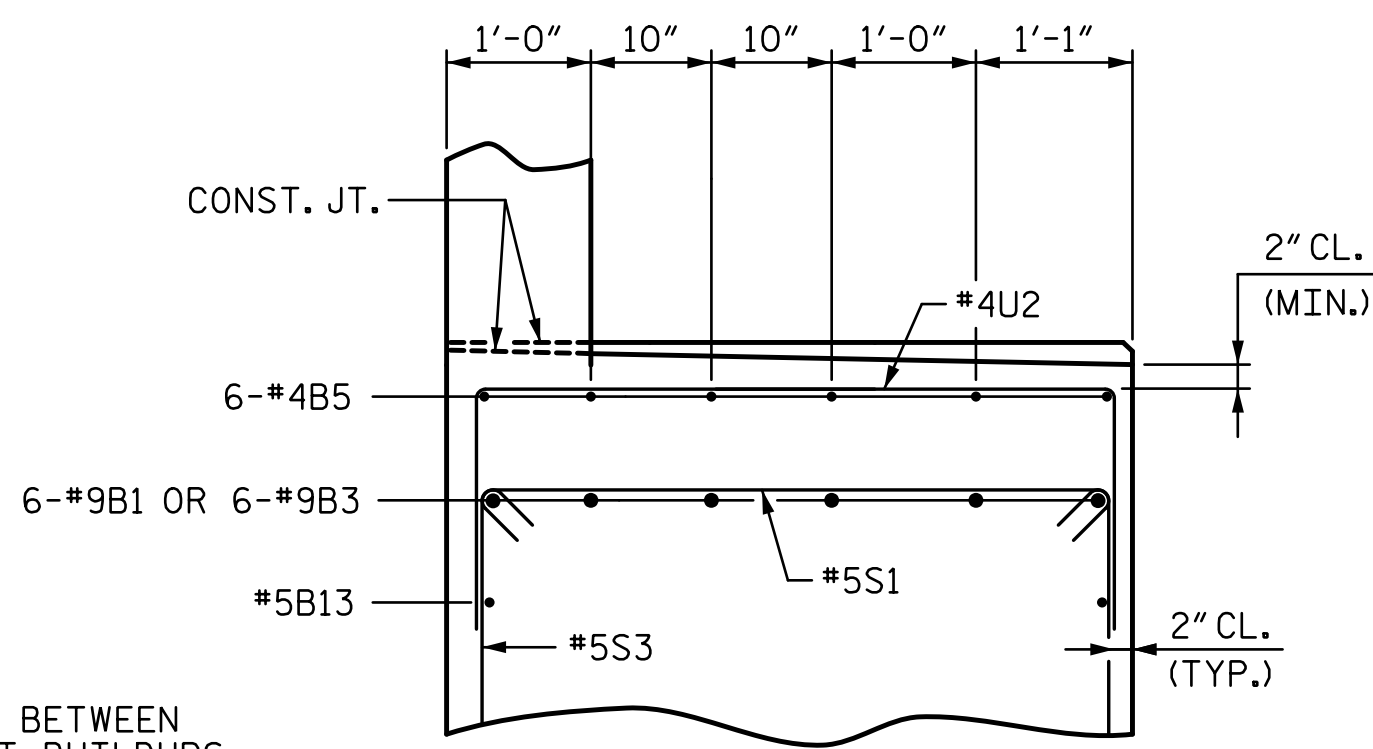
TEMPORARY DRAINAGE AT END BENT



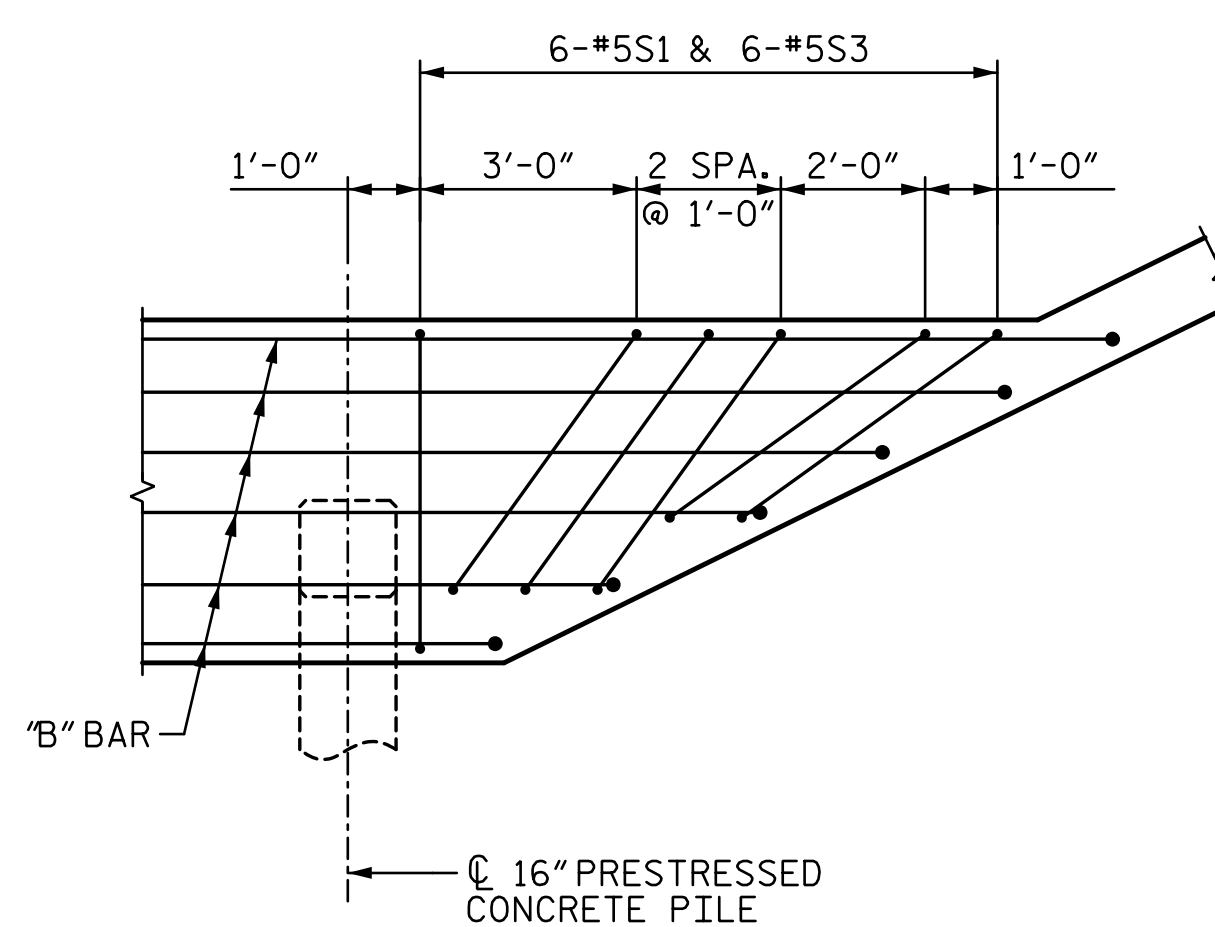
SECTION A-A
(ANCHOR BOLTS NOT SHOWN FOR CLARITY)



DETAIL "B"

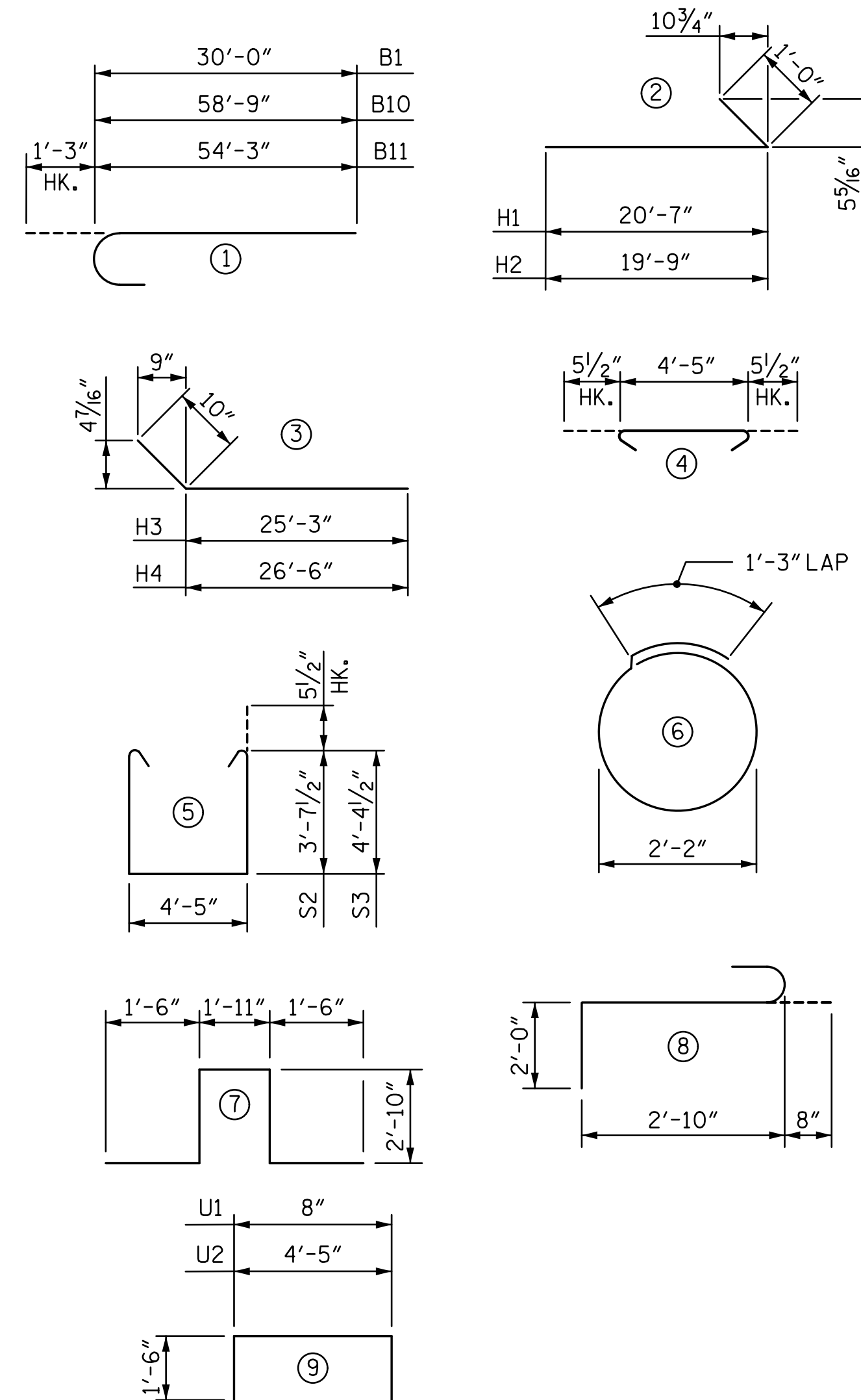


PARTIAL SECTION B-B
(ANCHOR BOLTS NOT SHOWN FOR CLARITY)



DETAIL "C"

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF REINFORCING

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	12	#9	①	31'-3"	1,275
B2	6	#9	STR	28'-6"	581
B3	6	#9	STR	38'-9"	791
B4	12	#4	STR	12'-4"	99
B5	12	#4	STR	21'-6"	172
B7	16	#5	STR	54'-9"	914
B8	16	#4	STR	27'-2"	290
B9	25	#4	STR	4'-5"	74
B10	6	#9	①	60'-0"	1,224
B11	6	#9	①	55'-6"	1,132
B12	30	#4	STR	2'-8"	53
B13	2	#5	STR	60'-0"	125
H1	16	#5	②	21'-7"	360
H2	16	#5	②	20'-9"	346
H3	17	#5	③	26'-1"	462
H4	17	#5	③	27'-4"	485
K1	48	#4	STR	28'-6"	914
K2	4	#4	STR	5'-10"	16
K3	4	#4	STR	6'-0"	16
S1	117	#5	④	5'-4"	651
S2	56	#5	⑤	12'-7"	735
S3	61	#5	⑤	14'-1"	896
S4	44	#4	⑥	8'-1"	238
S5	6	#6	⑦	10'-7"	95
S6	6	#6	⑧	5'-6"	50
U1	92	#4	⑨	3'-8"	225
U2	60	#4	⑨	7'-5"	297
V1	184	#5	STR	8'-9"	1,679
V2	53	#5	STR	10'-6"	580
V3	63	#5	STR	11'-5"	750

QUANTITIES

		END BENT 2
REINFORCING STEEL	LBS.	15,525
CLASS A CONCRETE		
POUR 1 (CAP & LOWER WING)	: CU. YARDS	87.4
POUR 2 (BACKWALL & UPPER WING)	: CU. YARDS	21.6
TOTAL	: CU. YARDS	109.0
16" PRESTRESSED CONCRETE PILES	(NO.)	13
	LIN. FEET	975.0
PILE REDRIVES	EA.	6

PROJECT NO. R-2514D
JONES & CRAVEN COUNTY

STATION: 526+71.12 -L-
= 16+08.07 -Y6-

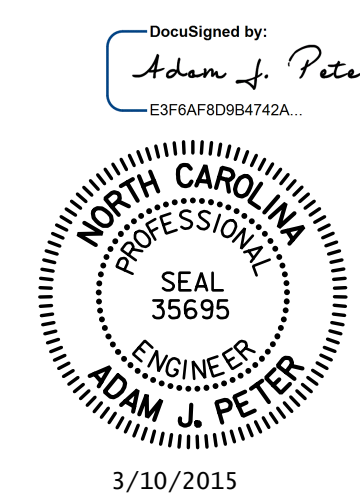
SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT 2

-LEFT LANE-



3/10/2015

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

SHEET NO.
S11-32
TOTAL SHEETS
38

STV / Ralph Whitehead Associates, Inc.
900 West Trade Street, Suite 715
Charlotte, NC 28202
NC License Number F-0991