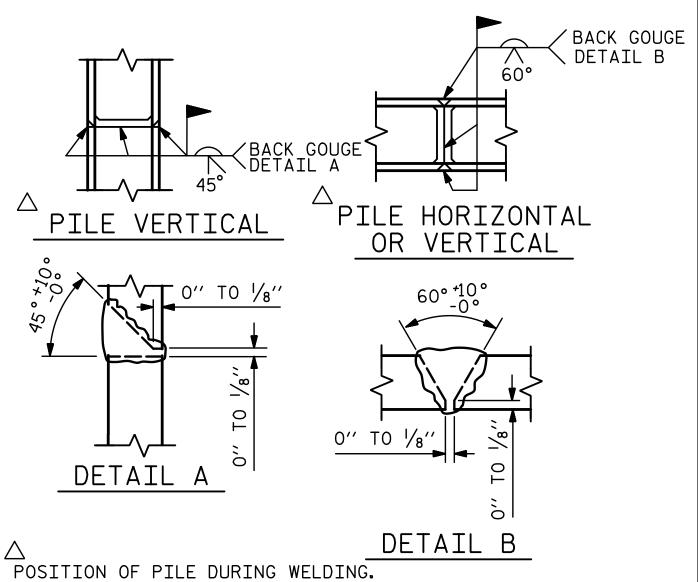


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

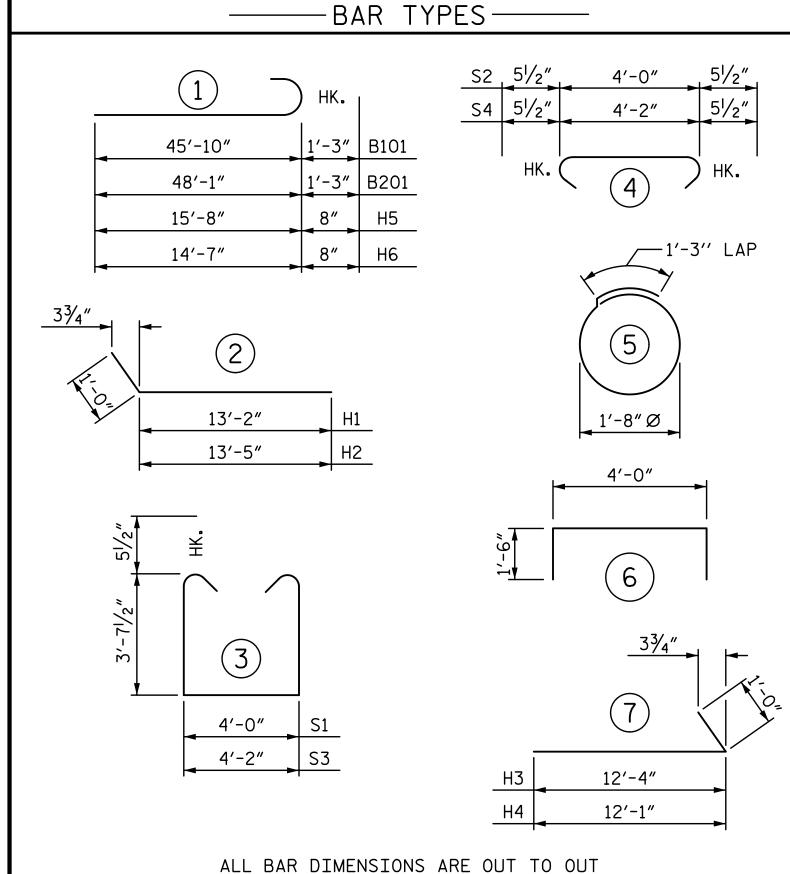
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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

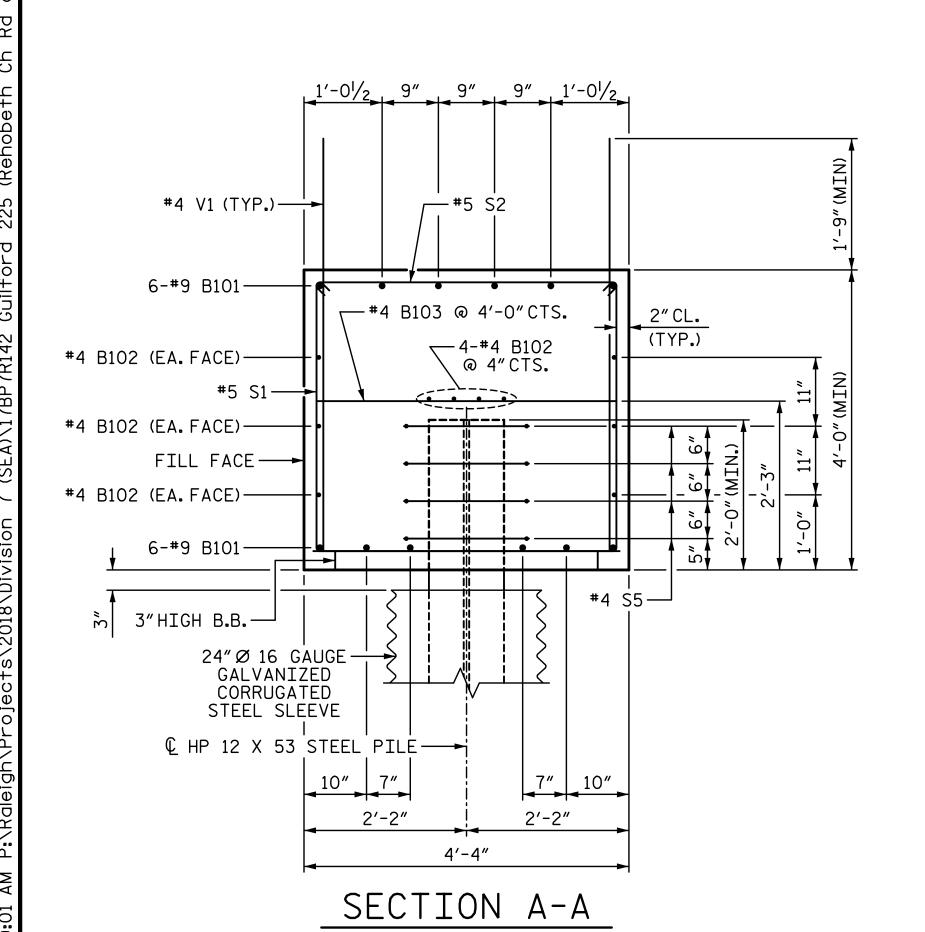
## TEMPORARY DRAINAGE AT END BENT

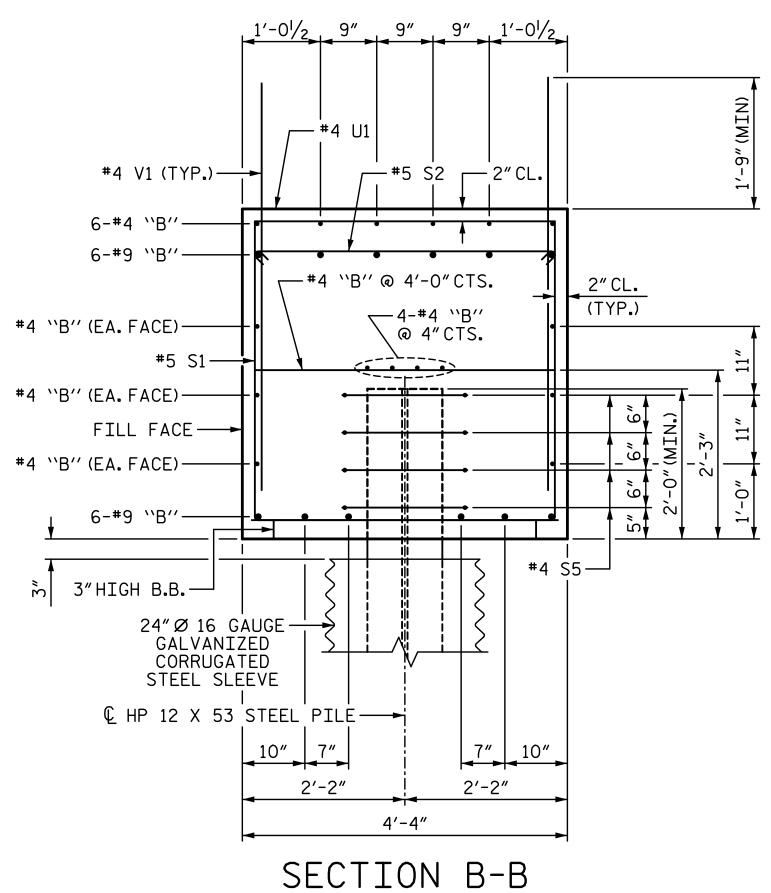


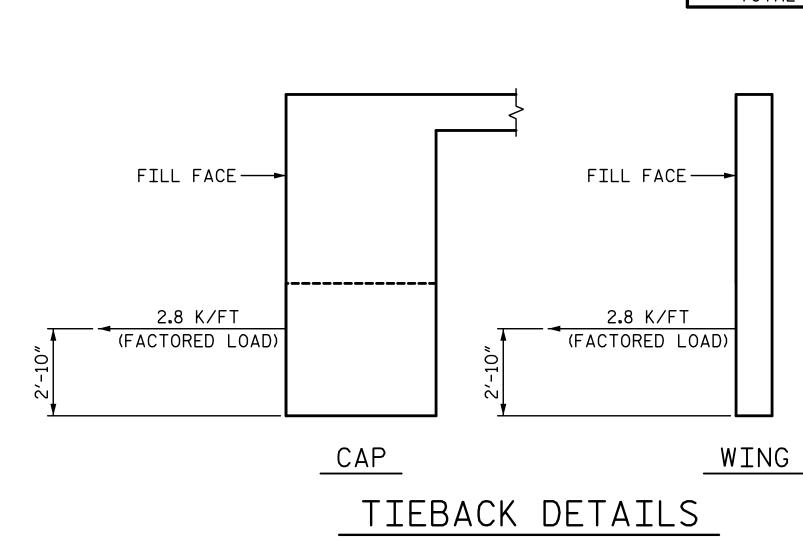
PILE SPLICE DETAILS



STAGE 1   STAGE 2		BILL OF MATERIAL				BILL OF MATERIAL							
B101 12 *9 1 47'-1" 1921 B201 12 *9 1 49'-4" 2013 B102 20 *4 STR 24'-5" 326 B202 20 *4 STR 25'-8" 343 B103 11 *4 STR 4'-0" 29 B203 12 *4 STR 4'-0" 32 B104 24 *4 STR 6'-5" 103 B204 24 *4 STR 9'-6" 152 B105 3 *4 STR 2'-11" 6 B205 3 *4 STR 8'-1" 16 B106 3 *4 STR 2'-11" 6 B206 3 *4 STR 8'-1" 16 B106 3 *4 STR 3'-8" 7 B206 3 *4 STR 8'-9" 18  H1 15 *6 2 14'-2" 319 H3 15 *6 7 13'-4" 300 H2 15 *6 2 14'-5" 325 H4 15 *6 7 13'-1" 295 H5 20 *6 1 16'-4" 491 H6 20 *6 1 15'-3" 458  K1 30 *4 STR 4'-2" 84 K2 30 *4 STR 4'-2" 84  S1 50 *5 3 12'-2" 634 S1 49 *5 3 12'-2" 622 S2 50 *5 4 4'-11" 256 S2 49 *5 4 4'-11" 251 S3 1 *5 3 12'-4" 13 S3 6 *5 3 12'-4" 77 S4 1 *5 4 5'-1" 5 S4 6 *5 4 5'-1" 32 S5 32 *4 5 6'-6" 139 S5 32 *4 5 6'-6" 139  V1 62 *4 STR 5'-10" 242 V1 74 *4 STR 5'-10" 288 V2 38 *5 STR 10'-3" 406 V2 36 *5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (UPPER WINGS) 3.6 CY		STAGE 1 STAGE 2					. 2						
B102 20 *4 STR 24'-5" 326 B202 20 *4 STR 25'-8" 343 B103 11 *4 STR 4'-0" 29 B203 12 *4 STR 4'-0" 32 B104 24 *4 STR 6'-5" 103 B204 24 *4 STR 9'-6" 152 B105 3 *4 STR 2'-11" 6 B205 3 *4 STR 8'-1" 16 B106 3 *4 STR 2'-11" 7 B206 3 *4 STR 8'-1" 16 B106 3 *4 STR 3'-8" 7 B206 3 *4 STR 8'-9" 18  H1 15 *6 2 14'-2" 319 H3 15 *6 7 13'-4" 300 H2 15 *6 2 14'-5" 325 H4 15 *6 7 13'-1" 295 H5 20 *6 1 16'-4" 491 H6 20 *6 1 15'-3" 458  K1 30 *4 STR 4'-2" 84 K2 30 *4 STR 4'-2" 84  S1 50 *5 3 12'-2" 634 S1 49 *5 3 12'-2" 642 S2 50 *5 4 4'-11" 256 S2 49 *5 4 4'-11" 251 S3 1 *5 3 12'-4" 13 S3 6 *5 3 12'-4" 77 S4 1 *5 4 5'-1" 5 S4 6 *5 4 5'-1" 32 S5 32 *4 5 6'-6" 139 S5 32 *4 5 6'-6" 139  U1 23 *4 6 7'-0" 108 U1 34 *4 STR 5'-10" 288 V2 38 *5 STR 10'-3" 406 V2 36 *5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 CAP & LOWER WINGS) 32.3 CY (UPPER WINGS) 3.6 CY		BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B103 11  #4  STR  4'-0"		B101	12	#9	1	47′-1″	1921	B201	12	#9	1	49'-4"	2013
B104 24 #4 STR 6'-5" 103 B204 24 #4 STR 9'-6" 152 B105 3 #4 STR 2'-11" 6 B205 3 #4 STR 8'-1" 16 B106 3 #4 STR 3'-8" 7 B206 3 #4 STR 8'-9" 18 H1 15 #6 2 14'-2" 319 H3 15 #6 7 13'-4" 300 H2 15 #6 2 14'-5" 325 H4 15 #6 7 13'-1" 295 H5 20 #6 1 16'-4" 491 H6 20 #6 1 15'-3" 458  K1 30 #4 STR 4'-2" 84 K2 30 #4 STR 4'-2" 84  S1 50 #5 3 12'-2" 634 S1 49 #5 3 12'-2" 622 S2 50 #5 4 4'-11" 256 S2 49 #5 4 4'-11" 251 S3 1 #5 3 12'-4" 13 S3 6 #5 3 12'-4" 77 S4 1 #5 4 5'-1" 5 S4 6 #5 4 5'-1" 32 S5 32 #4 5 6'-6" 139 S5 32 #4 5 6'-6" 139  U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288 V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		B102	20	#4	STR	24′-5″	326	B202	20	#4	STR	25′-8″	343
BIOS 3 #4 STR 2'-11" 6 B2OS 3 #4 STR 8'-1" 16 BIO6 3 #4 STR 3'-8" 7 B2O6 3 #4 STR 8'-9" 18  H1 15 #6 2 14'-2" 319 H3 15 #6 7 13'-4" 300 H2 15 #6 2 14'-5" 325 H4 15 #6 7 13'-1" 295 H5 20 #6 1 16'-4" 491 H6 20 #6 1 15'-3" 458  K1 30 #4 STR 4'-2" 84 K2 30 #4 STR 4'-2" 84  S1 50 #5 3 12'-2" 634 S1 49 #5 3 12'-2" 622 S2 50 #5 4 4'-11" 256 S2 49 #5 4 4'-11" 251 S3 1 #5 3 12'-4" 13 S3 6 #5 3 12'-4" 77 S4 1 #5 4 5'-1" 5 S4 6 #5 4 5'-1" 32 S5 32 #4 5 6'-6" 139 S5 32 #4 5 6'-6" 139  U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288 V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		B103	11	#4	STR	4'-0"	29	B203	12	#4	STR	4'-0"	32
B106 3 #4 STR 3'-8" 7 B206 3 #4 STR 8'-9" 18  H1 15 #6 2 14'-2" 319 H3 15 #6 7 13'-4" 300  H2 15 #6 2 14'-5" 325 H4 15 #6 7 13'-1" 295  H5 20 #6 1 16'-4" 491 H6 20 #6 1 15'-3" 458  K1 30 #4 STR 4'-2" 84 K2 30 #4 STR 4'-2" 84  S1 50 #5 3 12'-2" 634 S1 49 #5 3 12'-2" 622  S2 50 #5 4 4'-11" 256 S2 49 #5 4 4'-11" 251  S3 1 #5 3 12'-4" 13 S3 6 #5 3 12'-4" 77  S4 1 #5 4 5'-1" 5 S4 6 #5 4 5'-1" 32  S5 32 #4 5 6'-6" 139 S5 32 #4 5 6'-6" 139  U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288  V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN  POUR 1  (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY  POUR 2  (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		B104	24	#4	STR	6′-5″	103	B204	24	#4	STR	9'-6"	152
H1 15 #6 2 14'-2" 319 H3 15 #6 7 13'-4" 300 H2 15 #6 2 14'-5" 325 H4 15 #6 7 13'-1" 295 H5 20 #6 1 16'-4" 491 H6 20 #6 1 15'-3" 458  K1 30 #4 STR 4'-2" 84 K2 30 #4 STR 4'-2" 84  S1 50 #5 3 12'-2" 634 S1 49 #5 3 12'-2" 622 S2 50 #5 4 4'-11" 256 S2 49 #5 4 4'-11" 251 S3 1 #5 3 12'-4" 13 S3 6 #5 3 12'-4" 77 S4 1 #5 4 5'-1" 5 S4 6 #5 4 5'-1" 32 S5 32 #4 5 6'-6" 139 S5 32 #4 5 6'-6" 139  U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288 V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		B105	3	#4	STR	2'-11"	6	B205	3	#4	STR	8'-1"	16
H2 15 #6 2 14'-5" 325 H4 15 #6 7 13'-1" 295 H5 20 #6 1 16'-4" 491 H6 20 #6 1 15'-3" 458  K1 30 #4 STR 4'-2" 84 K2 30 #4 STR 4'-2" 84  S1 50 #5 3 12'-2" 634 S1 49 #5 3 12'-2" 622 S2 50 #5 4 4'-11" 256 S2 49 #5 4 4'-11" 251 S3 1 #5 3 12'-4" 13 S3 6 #5 3 12'-4" 77 S4 1 #5 4 5'-1" 5 S4 6 #5 4 5'-1" 32 S5 32 #4 5 6'-6" 139 S5 32 #4 5 6'-6" 139  U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288 V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		B106	3	#4	STR	3′-8″	7	B206	3	#4	STR	8'-9"	18
H2 15 #6 2 14'-5" 325 H4 15 #6 7 13'-1" 295 H5 20 #6 1 16'-4" 491 H6 20 #6 1 15'-3" 458  K1 30 #4 STR 4'-2" 84 K2 30 #4 STR 4'-2" 84  S1 50 #5 3 12'-2" 634 S1 49 #5 3 12'-2" 622 S2 50 #5 4 4'-11" 256 S2 49 #5 4 4'-11" 251 S3 1 #5 3 12'-4" 13 S3 6 #5 3 12'-4" 77 S4 1 #5 4 5'-1" 5 S4 6 #5 4 5'-1" 32 S5 32 #4 5 6'-6" 139 S5 32 #4 5 6'-6" 139  U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288 V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY													
H5		H1	15	#6	2	14'-2"	319	Н3	15	#6	7	13'-4"	300
K1 30 #4 STR 4'-2" 84 K2 30 #4 STR 4'-2" 84  S1 50 #5 3 12'-2" 634 S1 49 #5 3 12'-2" 622  S2 50 #5 4 4'-11" 256 S2 49 #5 4 4'-11" 251  S3 1 #5 3 12'-4" 13 S3 6 #5 3 12'-4" 77  S4 1 #5 4 5'-1" 5 S4 6 #5 4 5'-1" 32  S5 32 #4 5 6'-6" 139 S5 32 #4 5 6'-6" 139  U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288  V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN  POUR 1  (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY  POUR 2  (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		H2	15	#6	2	14'-5"	325	H4	15	#6	7	13'-1"	295
\$1		H5	20	#6	1	16'-4"	491	Н6	20	#6	1	15′-3″	458
\$1													
\$2 50 #5 4 4'-11" 256 \$2 49 #5 4 4'-11" 251 \$3 1 #5 3 12'-4" 13 \$3 6 #5 3 12'-4" 77 \$4 1 #5 4 5'-1" 5 \$4 6 #5 4 5'-1" 32 \$5 32 #4 5 6'-6" 139 \$5 32 #4 5 6'-6" 139  U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 \$TR 5'-10" 242 V1 74 #4 \$TR 5'-10" 288  V2 38 #5 \$TR 10'-3" 406 V2 36 #5 \$TR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		K1	30	#4	STR	4'-2"	84	K2	30	#4	STR	4'-2"	84
\$2 50 #5 4 4'-11" 256 \$2 49 #5 4 4'-11" 251 \$3 1 #5 3 12'-4" 13 \$3 6 #5 3 12'-4" 77 \$4 1 #5 4 5'-1" 5 \$4 6 #5 4 5'-1" 32 \$5 32 #4 5 6'-6" 139 \$5 32 #4 5 6'-6" 139  U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 \$TR 5'-10" 242 V1 74 #4 \$TR 5'-10" 288  V2 38 #5 \$TR 10'-3" 406 V2 36 #5 \$TR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY													
S3		S1	50	#5	3	12'-2"	634	S1	49	#5	3	12'-2"	622
S4 1 #5 4 5'-1" 5 S4 6 #5 4 5'-1" 32 S5 32 #4 5 6'-6" 139 S5 32 #4 5 6'-6" 139  U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288  V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		S2	50	#5	4	4'-11"	256	S2	49	#5	4	4'-11"	251
S5   32   #4   5   6'-6"   139   S5   32   #4   5   6'-6"   139     U1   23   #4   6   7'-0"   108   U1   34   #4   6   7'-0"   159     V1   62   #4   STR   5'-10"   242   V1   74   #4   STR   5'-10"   288     V2   38   #5   STR   10'-3"   406   V2   36   #5   STR   10'-3"   385     TOTAL REINFORCING STEEL   5414   LB   TOTAL REINFORCING STEEL   5664   LB     CLASS A CONCRETE BREAKDOWN   CLASS A CONCRETE BREAKDOWN     POUR 1   POUR 3     (CAP & LOWER WINGS)   32.3 CY   (CAP & LOWER WINGS)   36.1 CY     POUR 2   POUR 4     (UPPER WINGS)   3.8 CY   (UPPER WINGS)   3.6 CY		S3	1	#5	3	12'-4"	13	S3	6	#5	3	12'-4"	77
U1 23 #4 6 7'-0" 108 U1 34 #4 6 7'-0" 159  V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288  V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		S4	1	#5	4	5′-1″	5	S4	6	#5	4	5′-1″	32
V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288  V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		S5	32	#4	5	6′-6″	139	S5	32	#4	5	6′-6″	139
V1 62 #4 STR 5'-10" 242 V1 74 #4 STR 5'-10" 288  V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY													
V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		U1	23	#4	6	7′-0″	108	U1	34	#4	6	7′-0″	159
V2 38 #5 STR 10'-3" 406 V2 36 #5 STR 10'-3" 385  TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY													
TOTAL REINFORCING STEEL 5414 LB TOTAL REINFORCING STEEL 5664 LB  CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		V1	62	#4	STR	5′-10″	242	V1	74	#4	STR	5′-10″	288
CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) POUR 2 (UPPER WINGS) CLASS A CONCRETE BREAKDOWN POUR 3 (CAP & LOWER WINGS) POUR 4 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY		V2	38	#5	STR	10′-3″	406	V2	36	#5	STR	10′-3″	385
CLASS A CONCRETE BREAKDOWN POUR 1 (CAP & LOWER WINGS) POUR 2 (UPPER WINGS) CLASS A CONCRETE BREAKDOWN POUR 3 (CAP & LOWER WINGS) POUR 4 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY													WEIGHT 2013 343 32 152 16 18 300 295 458 84 622 251 77 32 139 159 288 385 5664 LB
CLASS A CONCRETE BREAKDOWN  POUR 1  (CAP & LOWER WINGS)  POUR 2  (UPPER WINGS)  CLASS A CONCRETE BREAKDOWN  POUR 3  (CAP & LOWER WINGS)  32.3 CY  (CAP & LOWER WINGS)  36.1 CY  POUR 4  (UPPER WINGS)  3.6 CY		TOTAL	REI	NFORCI	NG ST	EEL	5414 LB	TOTAL REINFORCING STEEL 560				5664 LB	
POUR 1 (CAP & LOWER WINGS) 32.3 CY (CAP & LOWER WINGS) 36.1 CY POUR 2 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY	=												
(CAP & LOWER WINGS)32.3 CY(CAP & LOWER WINGS)36.1 CYPOUR 2POUR 4(UPPER WINGS)3.8 CY(UPPER WINGS)3.6 CY							CLASS A CONCRETE BREAKDOWN						
POUR 2 POUR 4 (UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY						POUR 3							
(UPPER WINGS) 3.8 CY (UPPER WINGS) 3.6 CY					32.3 CY	(CAP & LOWER WINGS)				36 <b>.</b> 1 CY			
		(UPPER WINGS) 3.8 CY											
TOTAL CLASS A CONCRETE 36.1 CY TOTAL CLASS A CONCRETE 39.7 CY													
		TOTAL CLASS A CONCRETE				36.1 CY	TOTAL CLASS A CONCRETE				39.7 CY		
		J											







END BENT 1 TOTAL QUANTITIES REINFORCING CLASS A CONCRETE STEEL LB CY 5,414 STAGE 1 36.1 STAGE 2 5,664 39.7 TOTAL 11.078 75.8

PROJECT NO. BP7.R006.3

GUILFORD COUNTY

STATION: 18+82.09 -L-

SHEET 4 OF 4

DEPARTMENT OF TRANSPORTATION

RALEIGH

SUBSTRUCTURE

END BENT 1

5640 Dillard Drive, Suite 200 Cary, NC 27518

® 200	30000004BE898460 SEAL 18056
4	2/7/2023   8:52 AM PST

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NGINEER GARAGE	
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A. BA	

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1/2	DRAWN BY:	T. BANKOVICH		_ DATE:	2-22	
	CHECKED BY:	J.A. BATTS		DATE:	2-22	
()	DESIGN ENGIN	EER OF RECORD:	J.A. BATTS	_ DATE:	2-22	
						Ξ