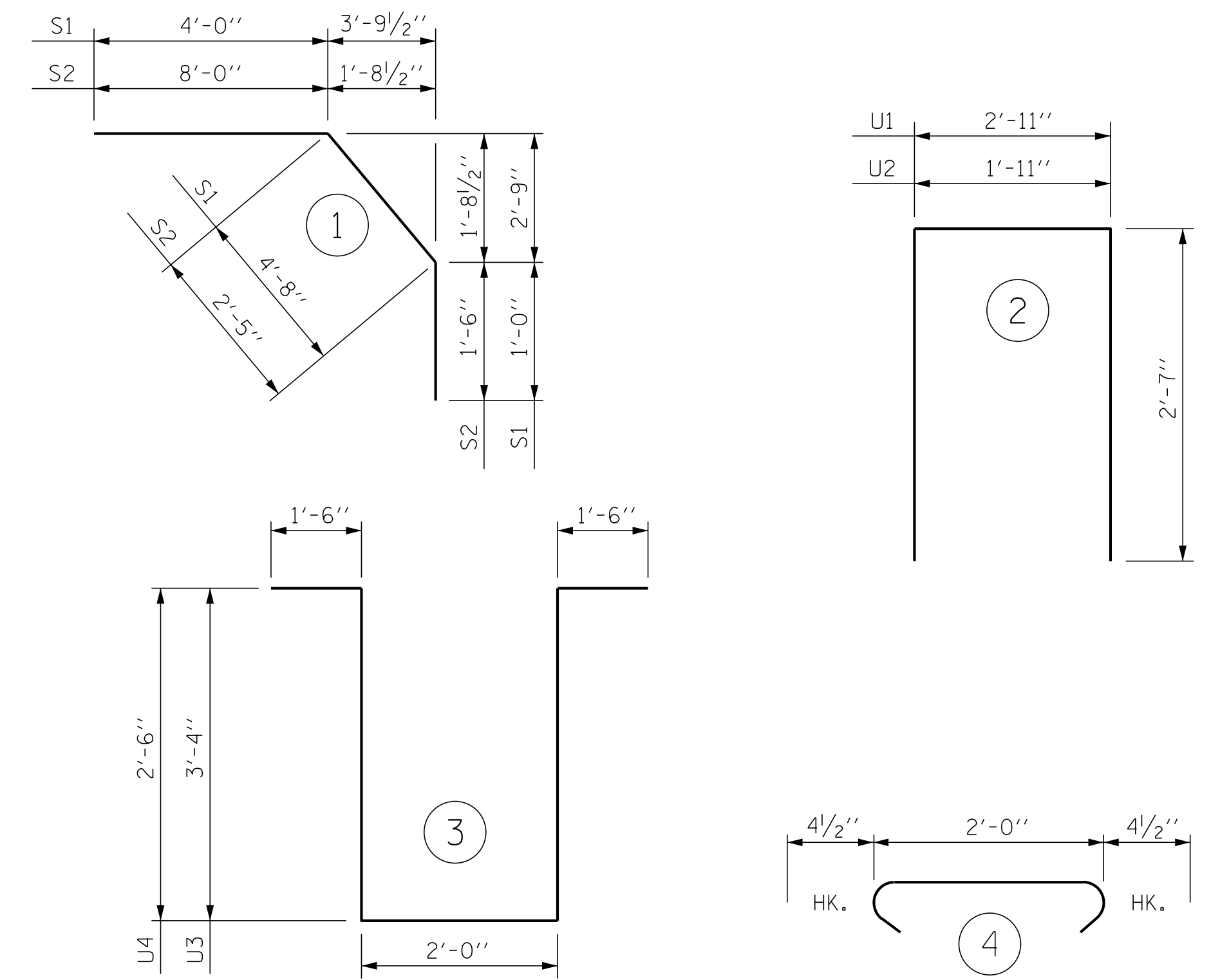


BAR TYPES



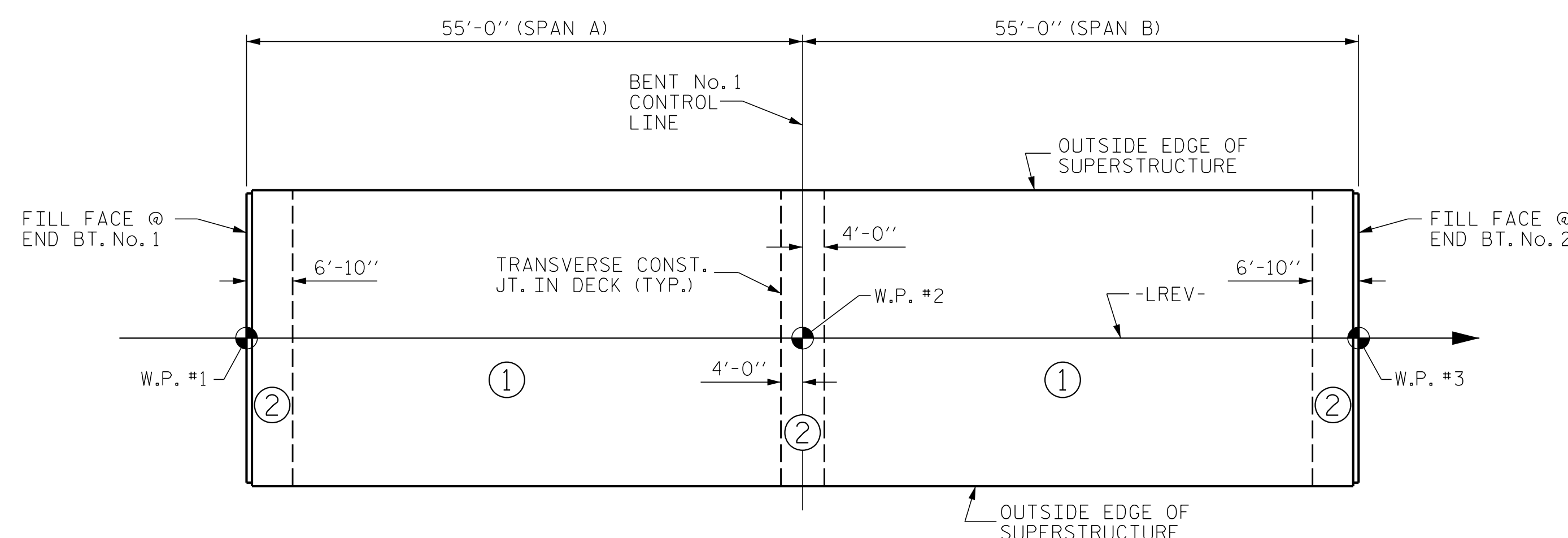
ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	* EPOXY COATED REINFORCING STEEL (LBS.)
TOTALS **	161.1	16,091	15,708

** QUANTITIES FOR CONCRETE BARRIER RAILS ARE NOT INCLUDED

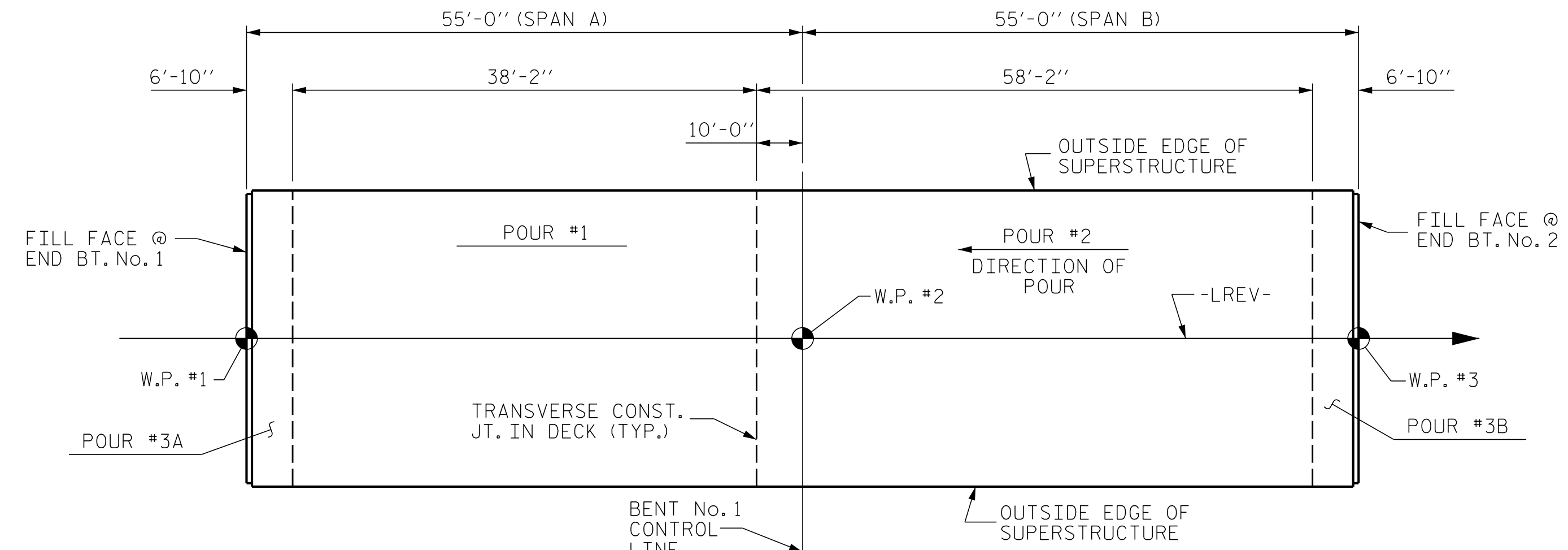
REINFORCING BAR SCHEDULE					
SPAN "A-B"					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	236	#5	STR	35'-11"	8,841
A2	236	#5	STR	35'-11"	8,841
* B1	140	#6	STR	11'-0"	2,313
* B2	48	#4	STR	25'-6"	818
* B3	24	#6	STR	43'-0"	1,550
* B4	46	#6	STR	16'-6"	1,140
B5	104	#5	STR	55'-1"	5,975
* B6	8	#4	STR	28'-6"	152
K1	16	#4	STR	18'-10"	201
K2	6	#4	STR	8'-1"	32
K3	12	#4	STR	9'-1"	73
K4	6	#4	STR	8'-7"	34
K5	4	#4	STR	2'-2"	6
K6	8	#4	STR	2'-8"	14
K7	4	#4	STR	2'-5"	6
K8	6	#4	STR	6'-11"	28
K9	12	#4	STR	8'-11"	71
K10	6	#4	STR	8'-7"	34
K11	4	#4	STR	29'-11"	80
* S1	62	#4	1	9'-8"	400
* S2	62	#4	1	11'-11"	494
S3	75	#4	4	2'-9"	138
U1	62	#4	2	8'-1"	335
U2	4	#4	2	7'-1"	19
U3	21	#4	3	11'-8"	164
U4	6	#4	3	10'-0"	40
REINFORCING STEEL				16,091 LBS.	
* EPOXY COATED REINFORCING STEEL				15,708 LBS.	

* THESE BARS ARE EPOXY COATED.



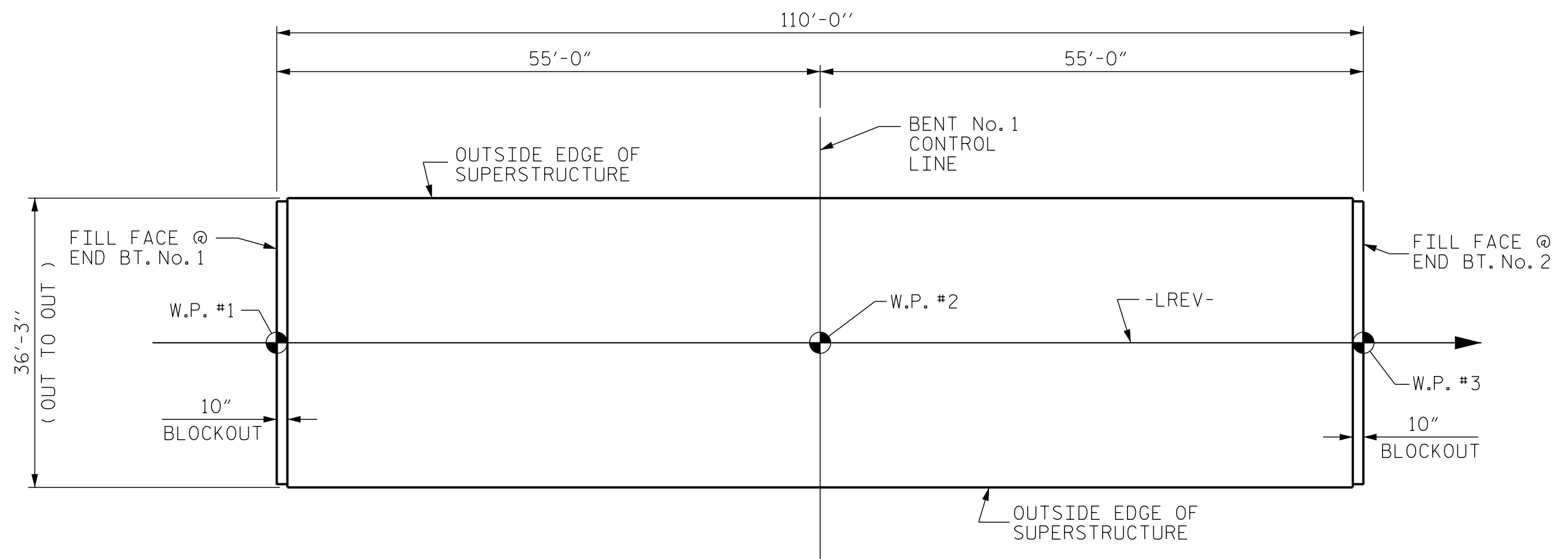
OPTIONAL DECK POUR DETAIL

POUR 2 SHALL NOT BE STARTED UNTIL BOTH ADJACENT POUR 1 REACH A MINIMUM OF 3,000 PSI

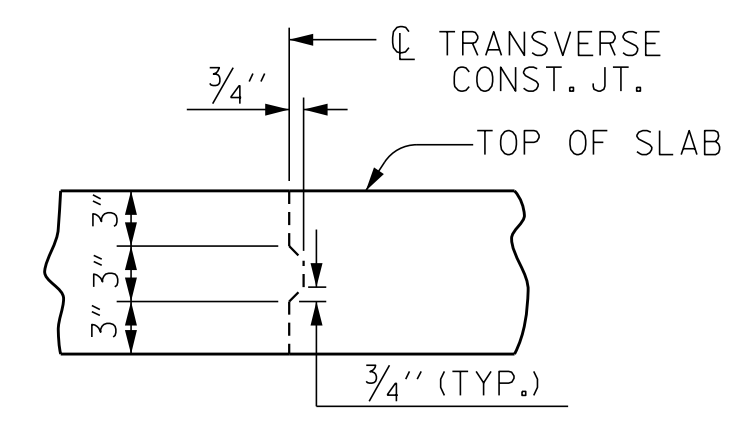


CONCRETE DECK POUR DETAIL

NOTE: EACH POUR #3 INCLUDES UPPER PART OF THE INTEGRAL END BENT.



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 3,988)



TRANSVERSE CONST. JOINT DETAIL

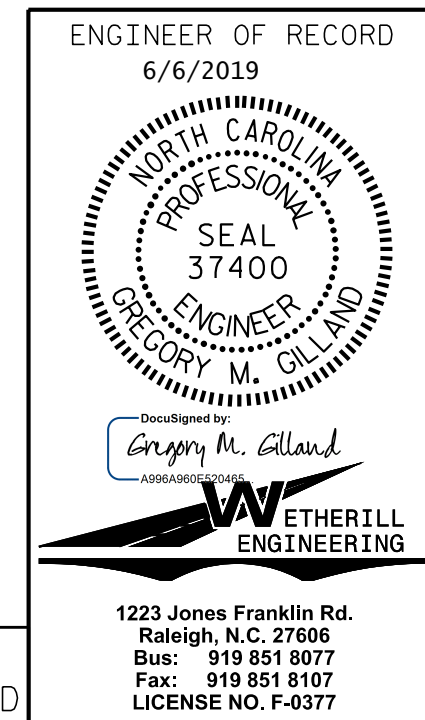
NOTE: SLAB REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT

GROOVING BRIDGE FLOORS	
APPROACH SLABS	860 SQ.FT.
BRIDGE DECK	3,250 SQ.FT.
TOTAL	4,110 SQ.FT.

CLASS AA CONCRETE BREAKDOWN	
POUR #1	44.4 CY
POUR #2	75.5 CY
POUR #3A	20.6 CY
POUR #3B	20.6 CY
CLASS AA CONCRETE BREAKDOWN TOTAL	161.1 CY

BAR SIZE	SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS				PARAPET AND BARRIER RAIL
	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL	APPROACH SLABS			
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	2'-0"	1'-9"	2'-0"	1'-9"	2'-9"
#5	2'-6"	2'-2"	2'-6"	2'-2"	3'-5"
#6	3'-0"	2'-7"	3'-10"	2'-7"	4'-4"
#7	5'-3"	3'-6"			
#8	6'-10"	4'-7"			

PROJECT NO. BR-0014
CUMBERLAND COUNTY
STATION: 21+37.00 -LREV-



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
BILL OF MATERIAL

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

SHEET NO. S-17
TOTAL SHEETS 28

DRAWN BY: D. HODGE DATE: 3/19
CHECKED BY: B.C. HUNT DATE: 3/19

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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