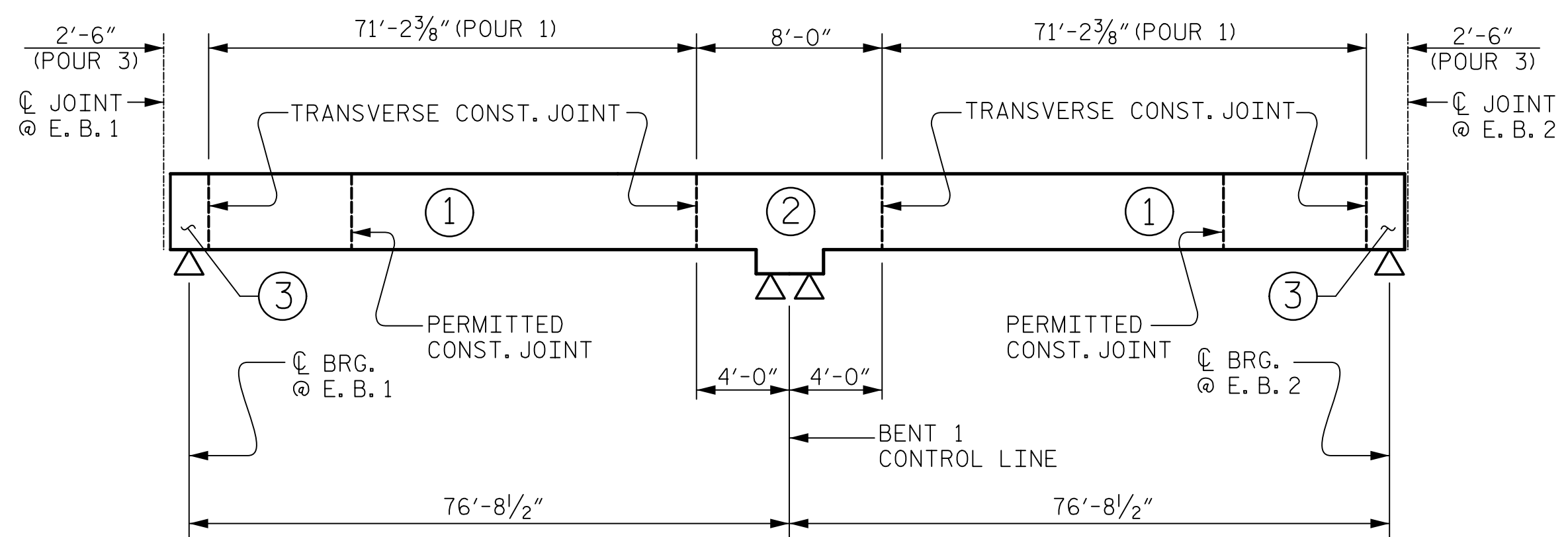


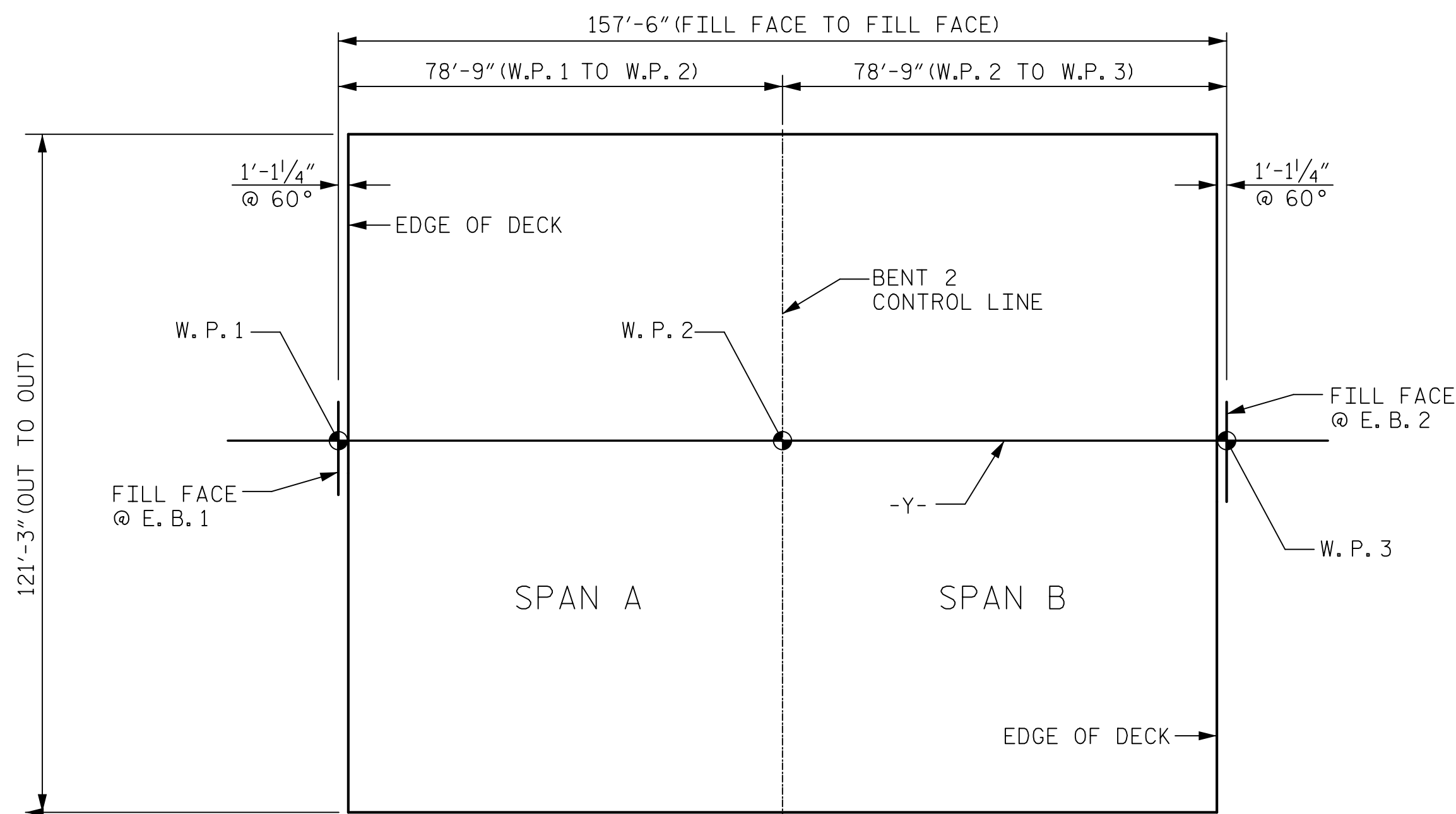
POURING SEQUENCE

⊕ = INDICATES POUR NUMBER AND DIRECTION OF POUR



OPTIONAL POURING SEQUENCE

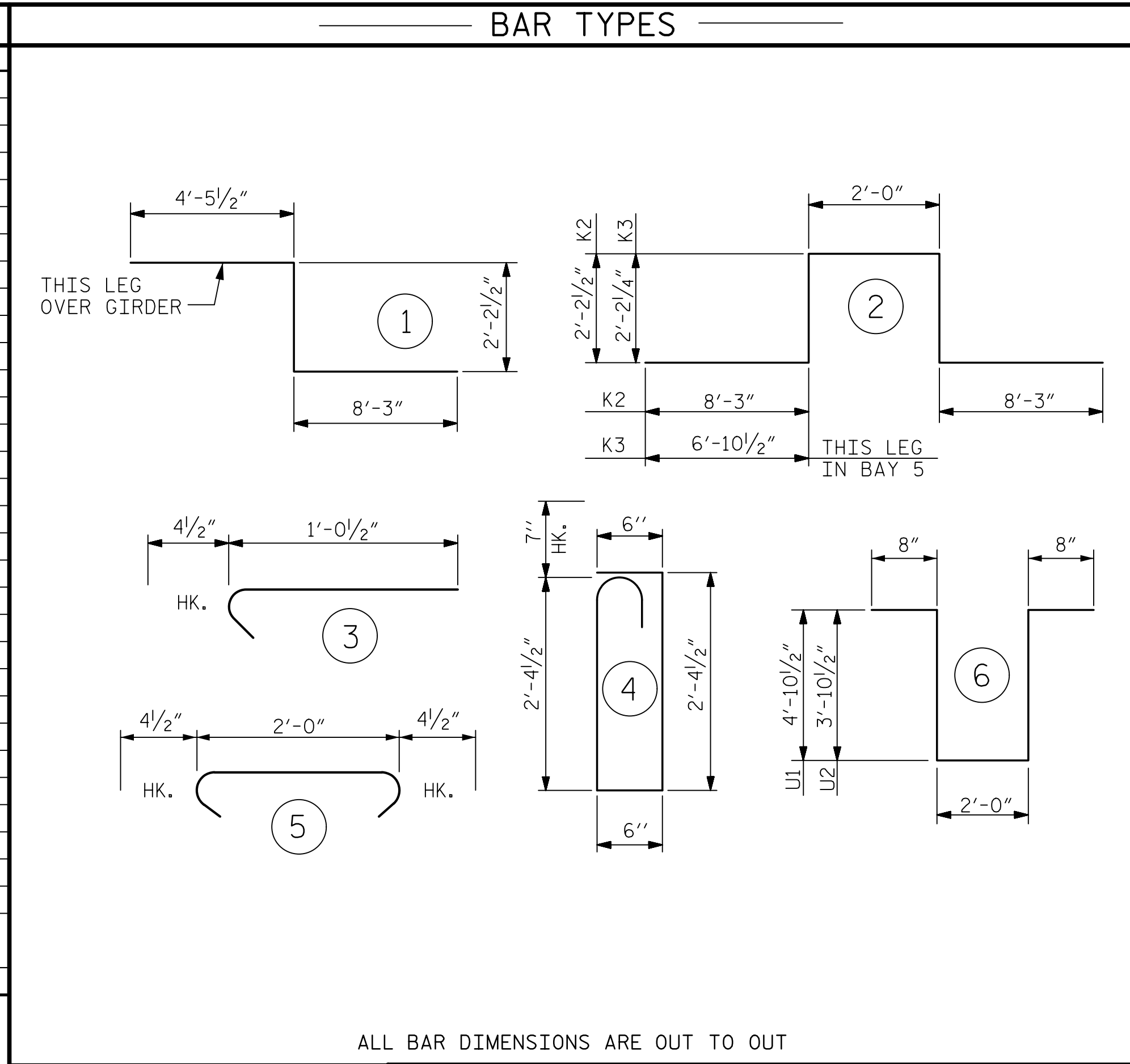
POUR ② CAN NOT BE STARTED UNTIL BOTH ADJACENT ADJACENT ① POURS REACH A MINIMUM OF 3000 PSI.



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 18,829)

ASSEMBLED BY : J. A. LEE	DATE : 1/22/19
CHECKED BY : J.S. HOBSON	DATE : 2/12/19
DRAWN BY : JMB 5/87	REV. 5/1/06 TLA/GM
CHECKED BY : SJD 9/87	REV. 10/1/11 MAA/GM
	REV. 12/17 MAA/THC

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	744	#5	STR	45'-7"	35,372
* A2	372	#5	STR	34'-9"	13,483
A3	744	#5	STR	39'-7"	30,716
A4	372	#5	STR	46'-1"	17,880
B1	555	#5	STR	53'-3"	30,825
* B2	332	#4	STR	26'-11"	5,969
* B3	163	#6	STR	57'-4"	14,037
* B4	80	#6	STR	23'-8"	2,844
* G1	6	#5	STR	42'-0"	263
* J1	236	#4	3	1'-5"	223
* K1	8	#8	1	14'-11"	319
* K2	28	#8	2	22'-11"	1,713
* K3	8	#8	2	21'-6"	459
K4	18	#4	STR	8'-0"	96
K5	36	#4	STR	9'-8"	232
K6	36	#4	STR	10'-8"	257
K7	2	#4	STR	5'-3"	7
K8	4	#4	STR	6'-11"	18
K9	4	#4	STR	7'-11"	21
K10	25	#4	STR	24'-5"	408
* S1	214	#5	4	6'-4"	1,414
S2	408	#4	5	2'-9"	749
U1	87	#4	6	14'-9"	857
U2	20	#4	6	12'-9"	170
* EPOXY COATED REINF. STEEL (LBS.)					76,096
REINF. STEEL (LBS.)					82,117



SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
#4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
#5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
#6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
#7	4'-2"	2'-9"			
#8	4'-9"	3'-2"			

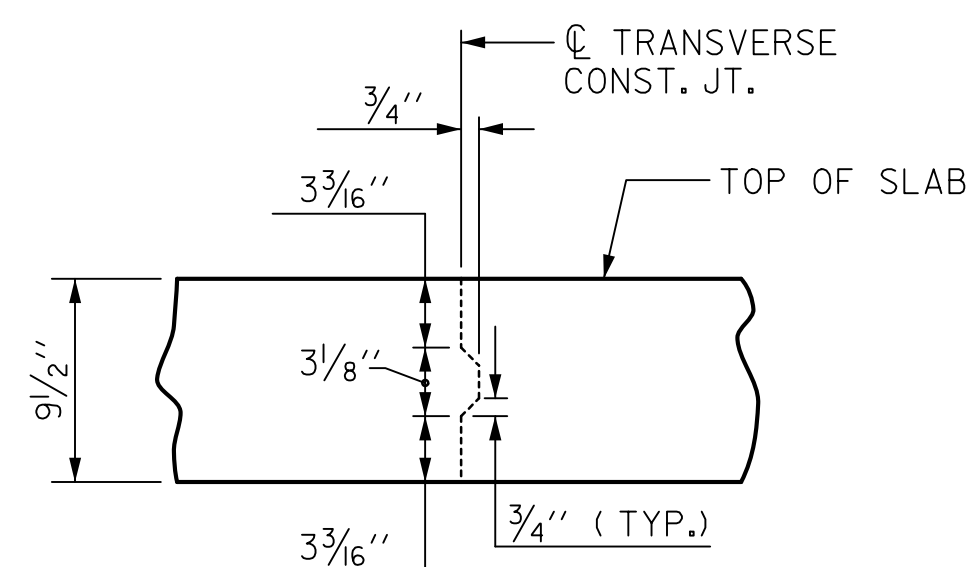
SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	277.9		
POUR 2	277.9		
POUR 3	100.6		
POUR 4	31.9		
TOTALS**	688.3	82,117	76,096

**QUANTITIES FOR BARRIER RAILS ARE NOT INCLUDED

GROOVING BRIDGE FLOORS

APPROACH SLABS	4,884 SQ.FT.
BRIDGE DECK	15,425 SQ.FT.
TOTAL	20,309 SQ.FT.



TRANSVERSE CONSTRUCTION JOINT DETAIL

NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT



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DocuSign
Jack Hobson
SBRFC286700448 4/16/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. R-4707
GUILFORD COUNTY
STATION: 41+39.51 -Y-

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
STANDARD SUPERSTRUCTURE BILL OF MATERIAL					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS
					39