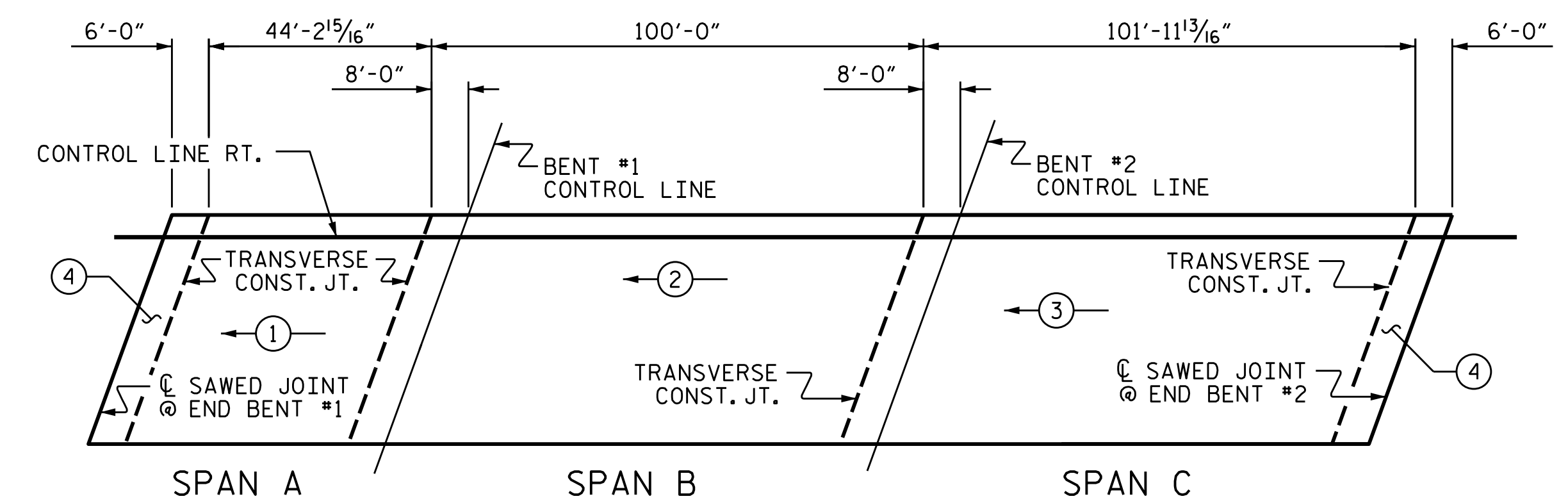
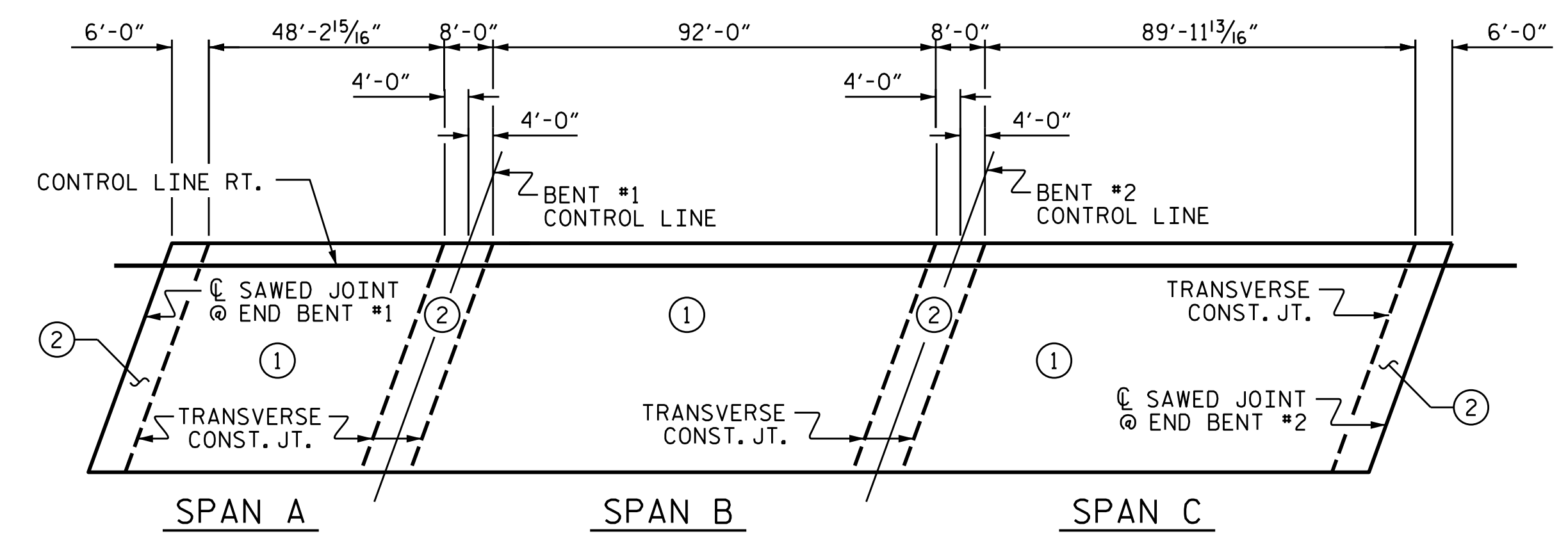


LAYOUT FOR COMPUTING AREA  
REINFORCED CONCRETE DECK SLAB  
(SQ. FT. = 9619)

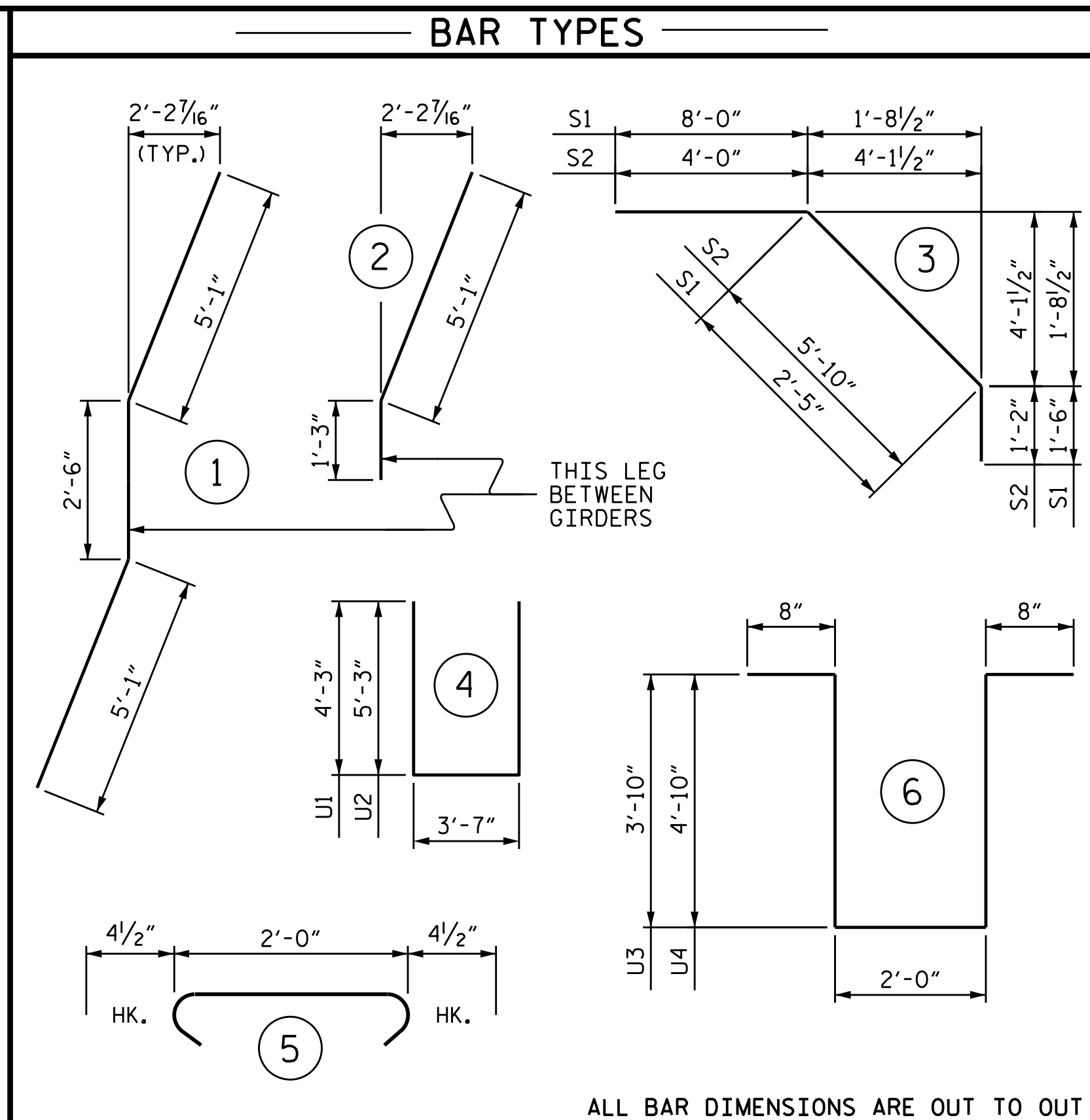


POURING SEQUENCE



OPTIONAL POURING SEQUENCE

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



BAR TYPES						BILL OF MATERIAL					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		
*A1	489	#5	STR	36'-11"	18829	H1	8	#5	STR	9'-7"	80
A2	489	#5	STR	36'-11"	18829	H2	8	#5	STR	9'-4"	78
						H3	8	#5	STR	9'-11"	83
						H4	8	#5	STR	9'-8"	81
*A101	6	#5	STR	33'-4"	209						
*A102	6	#5	STR	29'-3"	183						
*A103	6	#5	STR	25'-1"	157	K1	20	#4	STR	23'-9"	317
*A104	6	#5	STR	21'-0"	131	K2	6	#4	STR	7'-11"	32
*A105	6	#5	STR	16'-10"	105	K3	18	#4	STR	9'-2"	110
*A106	6	#5	STR	12'-9"	80	K4	36	#4	STR	9'-7"	230
*A107	6	#5	STR	8'-7"	54	K5	18	#4	STR	8'-6"	102
*A108	6	#5	STR	4'-6"	28	K6	4	#4	STR	5'-5"	14
						K7	4	#4	STR	6'-1"	16
A201	6	#5	STR	33'-4"	209	K8	8	#4	STR	6'-4"	34
A202	6	#5	STR	29'-3"	183	K9	4	#4	STR	5'-9"	15
A203	6	#5	STR	25'-1"	157	K10	8	#4	STR	3'-10"	20
A204	6	#5	STR	21'-0"	131	K11	24	#4	STR	2'-10"	45
A205	6	#5	STR	16'-10"	105	K12	12	#4	STR	7'-4"	59
A206	6	#5	STR	12'-9"	80	K13	20	#4	2	6'-4"	85
A207	6	#5	STR	8'-7"	54	K14	20	#4	1	12'-8"	169
A208	6	#5	STR	4'-6"	28						
						*S1	60	#4	3	11'-11"	478
*B1	49	#7	STR	12'-0"	1202	*S2	60	#4	3	11'-0"	441
*B2	25	#4	STR	27'-9"	463	S3	192	#4	5	2'-9"	353
*B3	25	#7	STR	57'-6"	2938						
*B4	24	#7	STR	24'-0"	1177	U1	60	#4	4	12'-1"	484
*B5	50	#4	STR	18'-0"	601	U2	12	#4	4	14'-1"	113
*B6	25	#7	STR	25'-0"	1278	U3	12	#4	6	11'-0"	88
*B7	25	#7	STR	50'-3"	2568	U4	36	#4	6	13'-0"	313
*B8	24	#7	STR	30'-0"	1472						
*B9	50	#4	STR	25'-6"	852						
*B10	49	#7	STR	20'-0"	2003						
B11	220	#5	STR	53'-3"	12219						

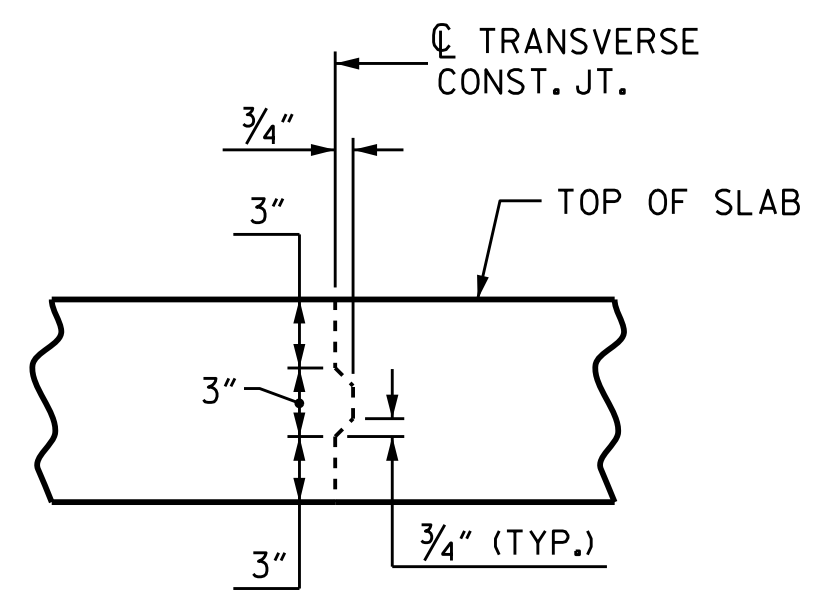
REINFORCING STEEL = 34,916  
\*EPOXY COATED REINF. STEEL = 35,249

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR #1	49.1		
POUR #2	122.9		
POUR #3	125.1		
POUR #4	80.2		
TOTALS **	377.3	34,916	35,249

\*\* QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

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	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"			

GROOVING BRIDGE FLOORS	
APPROACH SLABS	1550 SQ.FT.
BRIDGE DECK	8005 SQ.FT.
TOTAL	9555 SQ.FT.



TRANSVERSE CONSTRUCTION JOINT DETAIL

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

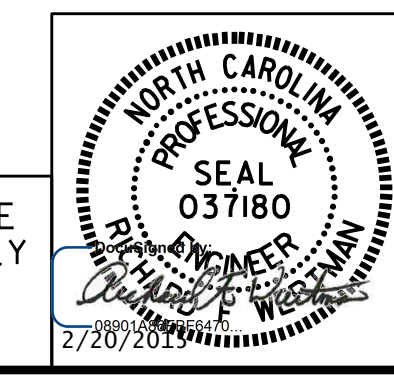
ASSEMBLED BY : T.J. KIRSCHBUAM	DATE : 5/1/14
CHECKED BY : R.F. WERTMAN	DATE : 8/22/14
DRAWN BY : JMB 5/87	REV. 8/16/99 RWW/LES
CHECKED BY : SJD 9/87	REV. 5/1/06 TLA/GM
	REV. 10/1/11 MAA/GM

PLANS PREPARED BY:

**Gannett Fleming**  
Excellence Delivered As Promised

1121 Situs Court  
Suite 170  
Raleigh NC 27606-4279  
(919) 859-4880  
NC Lic. No. F-0270

THESE PLANS HAVE BEEN PROPERLY EXAMINED BY THE UNDERSIGNED. I HAVE DETERMINED THAT THEY COMPLY WITH EXISTING NORTH CAROLINA CODES, AND HAVE BEEN PROPERLY ADAPTED FOR USE IN THIS AREA.



PROJECT NO. R-2915B  
ASHE COUNTY  
STATION: 242+67.42 -L-

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUPERSTRUCTURE  
BILL OF MATERIAL  
NBL

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

SHEET NO. S05-22  
TOTAL SHEETS 35