

REINFORCING BAR SCHEDULE

SPANS A-C																								
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	248	#5	STR	29'-11"	7738	*A123	2	#5	STR	10'-10"	23	A221	2	#5	STR	15'-1"	31	K6	8	#4	5	11'-8"	62	
A2	248	#5	STR	29'-11"	7738	*A124	2	#5	STR	8'-8"	18	A222	2	#5	STR	13'-0"	27	K7	8	#4	4	5'-8"	30	
*A101	2	#5	STR	28'-1"	59	*A125	2	#5	STR	6'-7"	14	A223	2	#5	STR	10'-10"	23	K8	6	#4	STR	7'-3"	29	
*A102	2	#5	STR	26'-2"	55	*A126	2	#5	STR	4'-5"	9	A224	2	#5	STR	8'-8"	18	K9	6	#4	STR	8'-2"	33	
*A103	2	#5	STR	24'-3"	51	A201	2	#5	STR	28'-1"	59	A225	2	#5	STR	6'-7"	14	K10	6	#4	STR	8'-1"	32	
*A104	2	#5	STR	22'-5"	47	A202	2	#5	STR	26'-2"	55	A226	2	#5	STR	4'-5"	9	K11	6	#4	STR	7'-0"	28	
*A105	2	#5	STR	20'-6"	43	A203	2	#5	STR	24'-3"	51	A227	2	#5	STR	2'-3"	5	*K12	4	#8	1	12'-6"	133	
*A106	2	#5	STR	18'-7"	39	A204	2	#5	STR	22'-5"	47	*B1	44	#4	STR	22'-3"	654	*K13	4	#8	2	18'-9"	200	
*A107	2	#5	STR	16'-9"	35	A205	2	#5	STR	20'-6"	43	B2	210	#5	STR	29'-4"	6425	*K14	9	#6	STR	7'-0"	95	
*A108	2	#5	STR	14'-10"	31	A206	2	#5	STR	18'-7"	39	*B3	22	#7	STR	47'-6"	2136	K15	8	#4	5	11'-0"	59	
*A109	2	#5	STR	12'-11"	27	A207	2	#5	STR	16'-9"	35	*B4	19	#7	STR	19'-0"	738	K16	8	#4	4	5'-6"	29	
*A110	2	#5	STR	11'-1"	23	A208	2	#5	STR	14'-10"	31	*B5	22	#4	STR	21'-6"	316	K17	6	#4	STR	7'-0"	28	
*A111	2	#5	STR	9'-2"	19	A209	2	#5	STR	12'-11"	27	*B6	22	#7	STR	38'-6"	1731	K18	6	#4	STR	7'-9"	31	
*A112	2	#5	STR	7'-4"	15	A210	2	#5	STR	11'-1"	23	*B7	19	#7	STR	14'-6"	563	K19	6	#4	STR	7'-8"	31	
*A113	2	#5	STR	5'-5"	11	A211	2	#5	STR	9'-2"	19	*B8	22	#4	STR	21'-4"	314	K20	6	#4	STR	6'-1"	24	
*A114	2	#5	STR	3'-7"	7	A212	2	#5	STR	7'-4"	15	*S1	42	#5	6	4'-9"	208							
*A115	2	#5	STR	27'-11"	58	A213	2	#5	STR	5'-5"	11	*G1	1	#5	STR	37'-1"	39	*S2	42	#4	7	4'-0"	112	
*A116	2	#5	STR	25'-9"	54	A214	2	#5	STR	3'-7"	7	*G2	1	#5	STR	32'-8"	34	S3	42	#4	8	6'-1"	171	
*A117	2	#5	STR	23'-8"	49	A215	2	#5	STR	27'-11"	58							S4	30	#4	2	11'-8"	233	
*A118	2	#5	STR	21'-6"	45	A216	2	#5	STR	25'-9"	54	*K1	4	#8	1	13'-6"	144	S5	114	#4	9	2'-9"	209	
*A119	2	#5	STR	19'-4"	40	A217	2	#5	STR	23'-8"	49	*K2	4	#8	2	20'-0"	214	S6	12	#4	2	9'-8"	77	
*A120	2	#5	STR	17'-3"	36	A218	2	#5	STR	21'-6"	45	*K3	9	#6	STR	7'-11"	107							
*A121	2	#5	STR	15'-1"	31	A219	2	#5	STR	19'-4"	40	K4	12	#5	STR	6'-8"	83	REINFORCING STEEL						= 16312 LBS
*A122	2	#5	STR	13'-0"	27	A220	2	#5	STR	17'-3"	36	K5	12	#5	3	7'-1"	89	*EPOXY COATED REINF. STEEL						= 16347 LBS

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	*EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
POUR 1	58.2		
POUR 2	74.1		
POUR 3	51.6		
TOTALS**	183.9	16302	16343

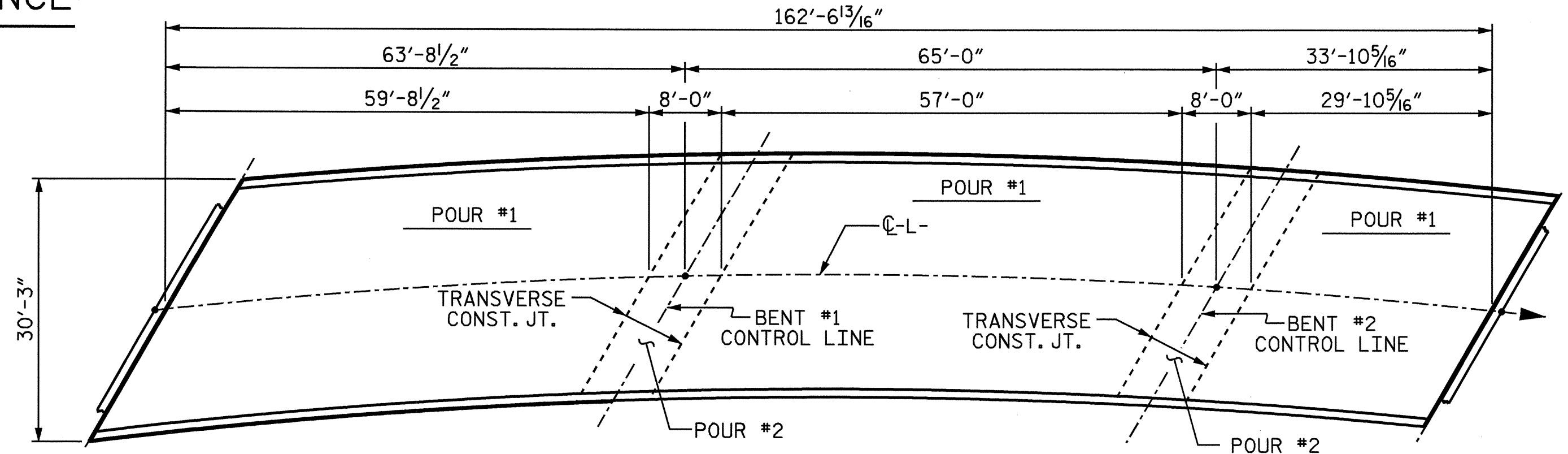
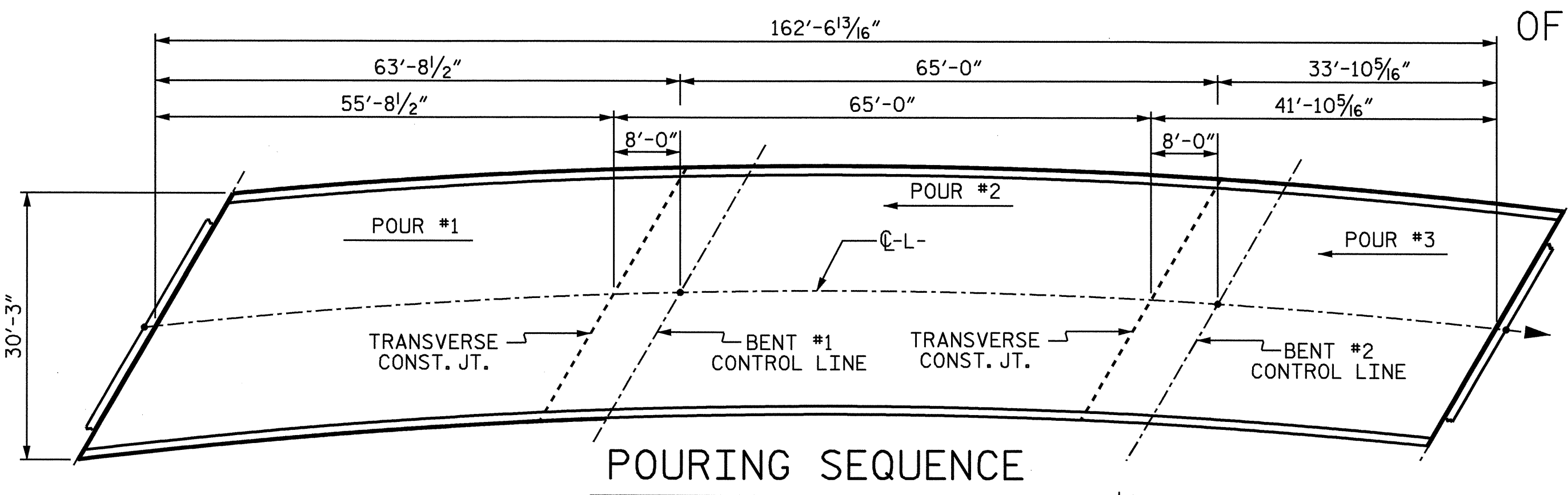
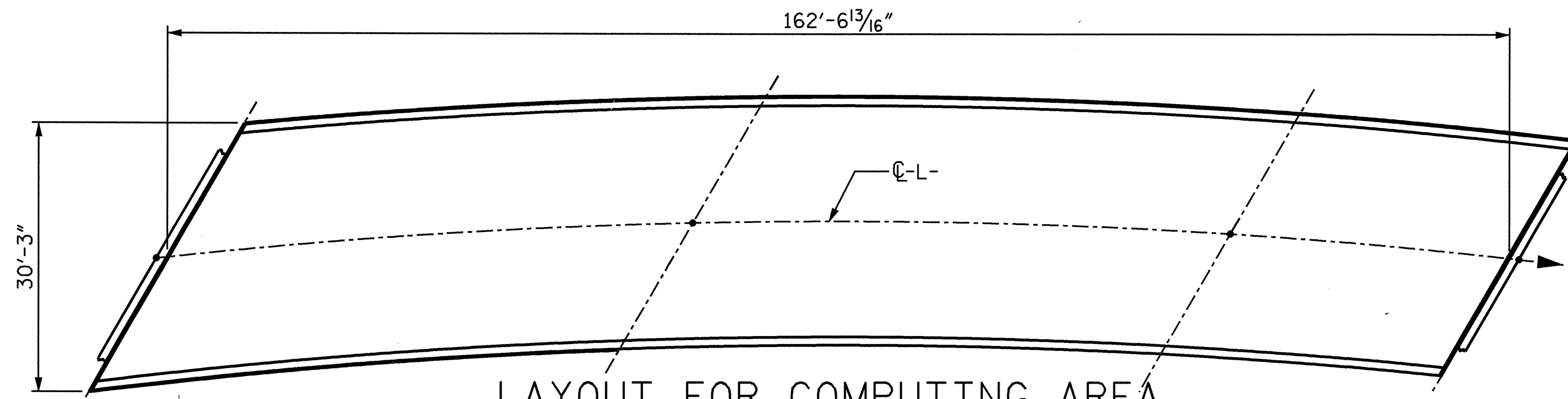
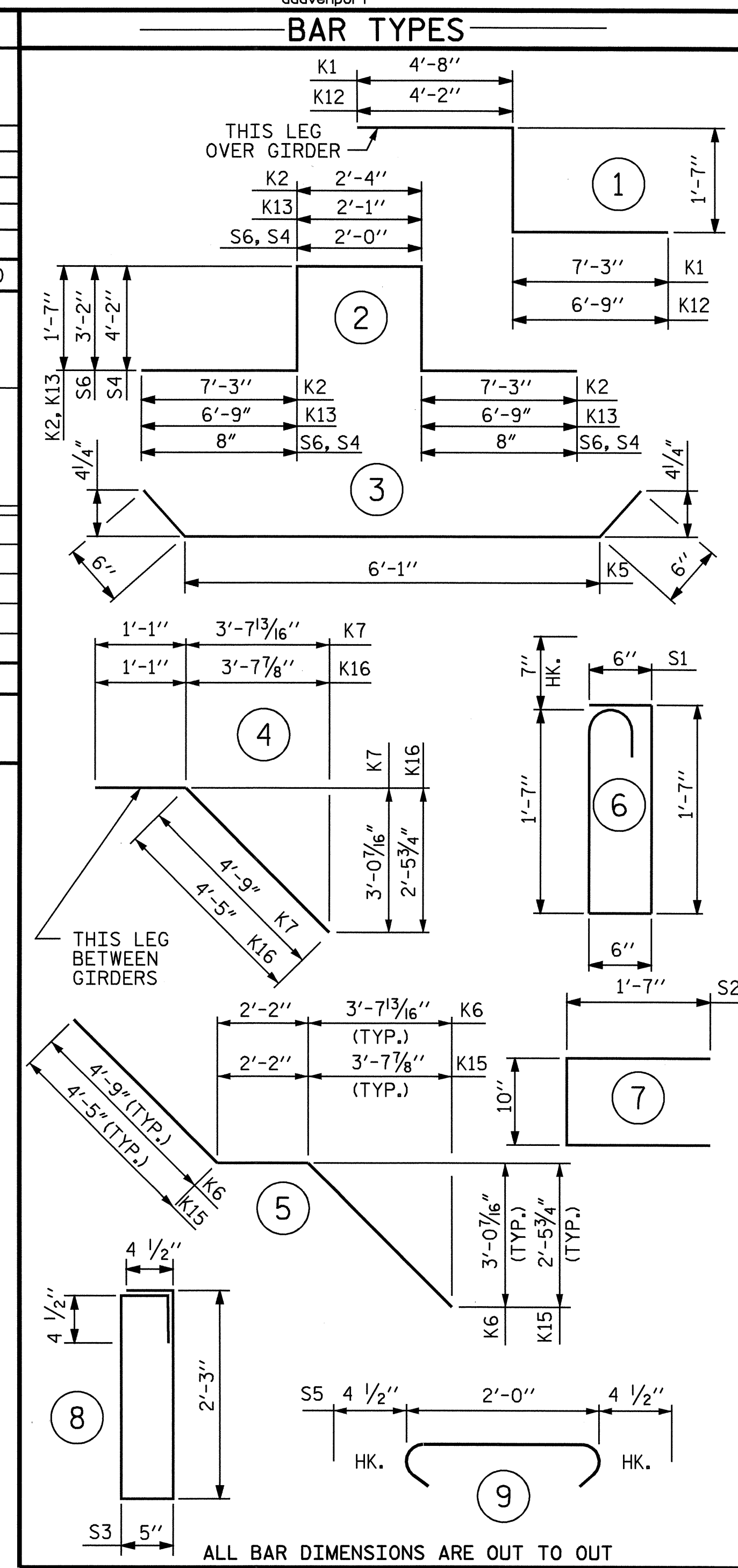
\*\* QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

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

	BRIDGE DECK	APPROACH SLAB	TOTAL
	4050 SQ.FT.	1422 SQ.FT.	5472 SQ.FT.



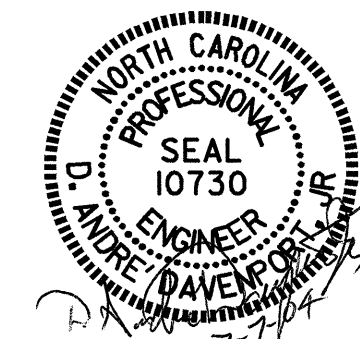
OPTIONAL POURING SEQUENCE

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

PROJECT NO. B-3506  
 RANDOLPH COUNTY  
 STATION: 17+97.50-L-

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-21  
 TOTAL SHEETS 35



ASSEMBLED BY: H. TOM BARBOUR DATE: 12-12-03  
 CHECKED BY: D.A. DAVENPORT DATE: 3-04  
 DRAWN BY: JMB 5/87 REV. 6/1/94 EEM/GRP  
 CHECKED BY: SJD 9/87