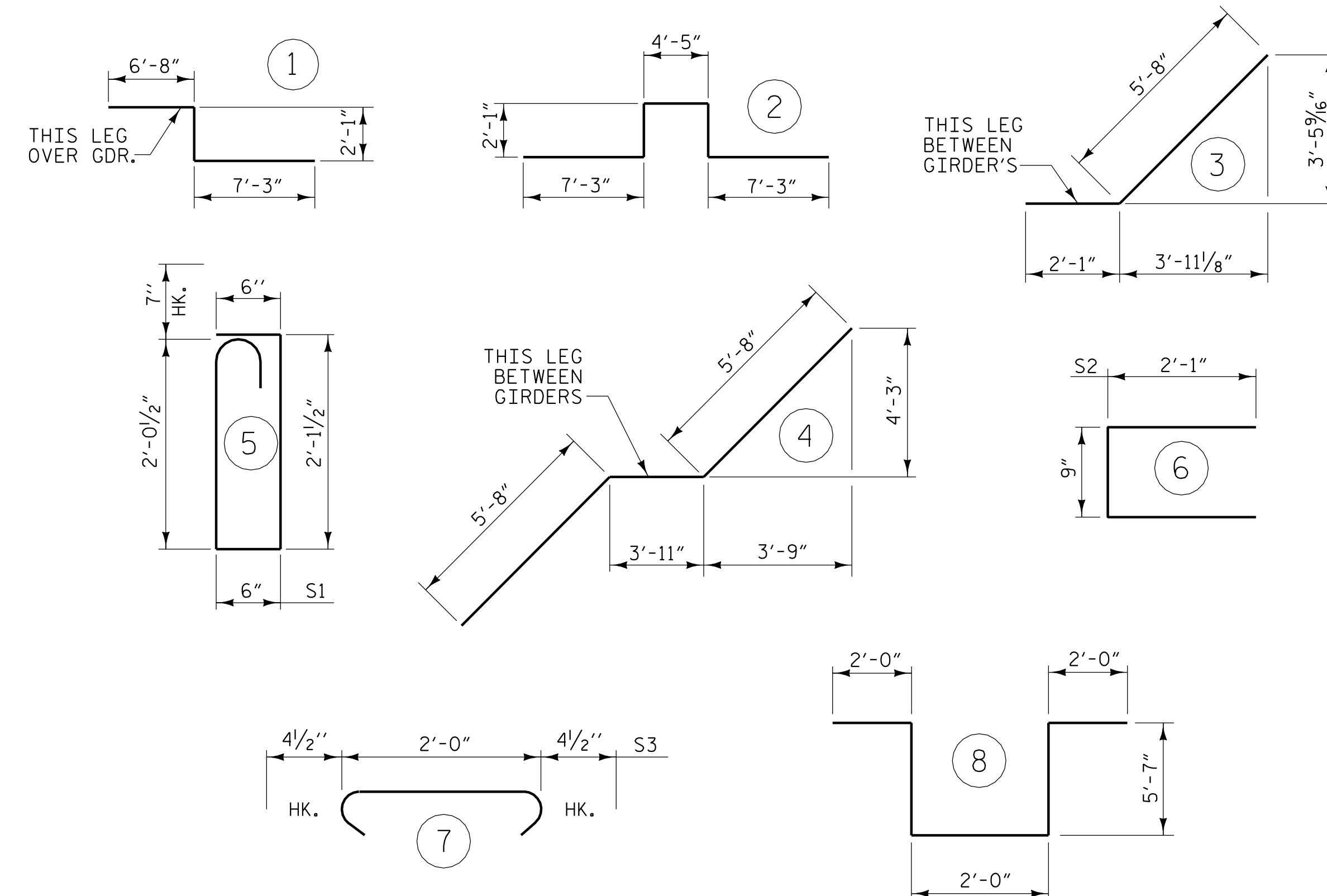


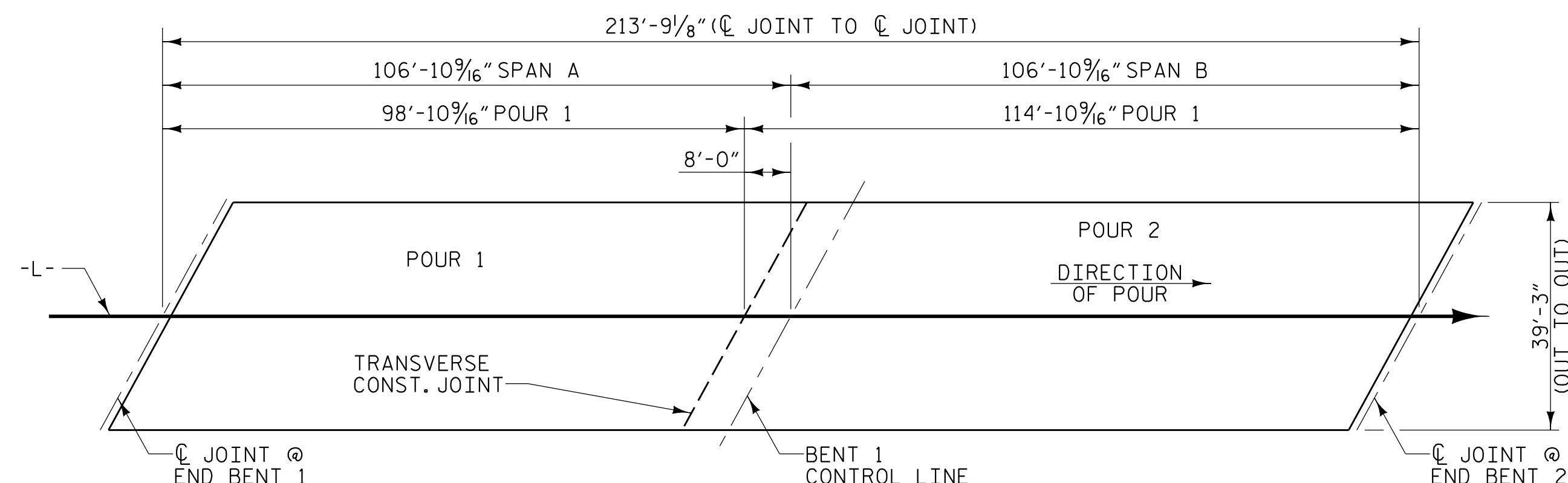
BAR SCHEDULE

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	329	#5	STR	38'-11"	13354	* A132	2	#5	STR	4'-7"	10	A231	2	#5	STR	6'-5"	13
A2	329	#5	STR	38'-11"	13354	* A133	2	#5	STR	3'-6"	7	A232	2	#5	STR	5'-4"	11
* A3	6	#6	STR	17'-6"	158	* A134	2	#5	STR	2'-5"	5	A233	2	#5	STR	4'-3"	9
						* A135	2	#5	STR	1'-5"	3	A234	2	#5	STR	3'-2"	7
												A235	2	#5	STR	2'-1"	4
* A101	2	#5	STR	37'-8"	79	A201	2	#5	STR	38'-4"	80	* B1	208	#4	STR	19'-5"	2698
* A102	2	#5	STR	36'-7"	76	A202	2	#5	STR	37'-4"	78	* B2	26	#7	STR	21'-0"	1116
* A103	2	#5	STR	35'-6"	74	A203	2	#5	STR	36'-3"	76	* B3	26	#7	STR	58'-5"	3104
* A104	2	#5	STR	34'-5"	72	A204	2	#5	STR	35'-2"	73	* B4	25	#7	STR	32'-2"	1644
* A105	2	#5	STR	33'-4"	70	A205	2	#5	STR	34'-1"	71	B5	280	#5	STR	28'-7"	8347
* A106	2	#5	STR	32'-4"	67	A206	2	#5	STR	33'-0"	69						
* A107	2	#5	STR	31'-3"	65	A207	2	#5	STR	32'-0"	67						
* A108	2	#5	STR	30'-2"	63	A208	2	#5	STR	30'-11"	64	* G1	2	#5	STR	44'-4"	92
* A109	2	#5	STR	29'-1"	61	A209	2	#5	STR	29'-10"	62						
* A110	2	#5	STR	28'-0"	58	A210	2	#5	STR	28'-9"	60	* K1	8	#8	1	16'-0"	342
* A111	2	#5	STR	27'-0"	56	A211	2	#5	STR	27'-8"	58	* K2	8	#8	2	23'-1"	493
* A112	2	#5	STR	25'-11"	54	A212	2	#5	STR	26'-8"	56	* K3	18	#6	STR	7'-5"	201
* A113	2	#5	STR	24'-10"	52	A213	2	#5	STR	25'-7"	53	K4	6	#4	STR	7'-8"	31
* A114	2	#5	STR	23'-9"	50	A214	2	#5	STR	24'-6"	51	K5	24	#4	STR	10'-9"	172
* A115	2	#5	STR	22'-8"	47	A215	2	#5	STR	23'-5"	49	K6	6	#4	STR	7'-11"	32
* A116	2	#5	STR	21'-8"	45	A216	2	#5	STR	22'-4"	47	K7	12	#4	3	7'-9"	62
* A117	2	#5	STR	20'-7"	43	A217	2	#5	STR	21'-4"	45	K8	12	#4	4	15'-3"	122
* A118	2	#5	STR	19'-6"	41	A218	2	#5	STR	20'-3"	42						
* A119	2	#5	STR	18'-5"	38	A219	2	#5	STR	19'-2"	40	* S1	48	#5	5	5'-9"	288
* A120	2	#5	STR	17'-4"	36	A220	2	#5	STR	18'-1"	38	* S2	48	#4	6	4'-11"	158
* A121	2	#5	STR	16'-4"	34	A221	2	#5	STR	17'-1"	36	S3	105	#4	7	2'-9"	193
* A122	2	#5	STR	15'-3"	32	A222	2	#5	STR	16'-0"	33						
* A123	2	#5	STR	14'-2"	30	A223	2	#5	STR	14'-11"	31	U1	21	#4	8	17'-2"	241
* A124	2	#5	STR	13'-1"	27	A224	2	#5	STR	13'-10"	29						
* A125	2	#5	STR	12'-0"	25	A225	2	#5	STR	12'-9"	27						
* A126	2	#5	STR	11'-0"	23	A226	2	#5	STR	11'-9"	25						
* A127	2	#5	STR	9'-11"	21	A227	2	#5	STR	10'-8"	22						
* A128	2	#5	STR	8'-10"	18	A228	2	#5	STR	9'-7"	20						
* A129	2	#5	STR	7'-9"	16	A229	2	#5	STR	8'-6"	18						
* A130	2	#5	STR	6'-9"	14	A230	2	#5	STR	7'-5"	15						
* A131	2	#5	STR	5'-8"	12												
												REINFORCING STEEL		LBS.	24033		
												* EPOXY COATED REINFORCING STEEL		LBS.	25072		

BAR TYPES

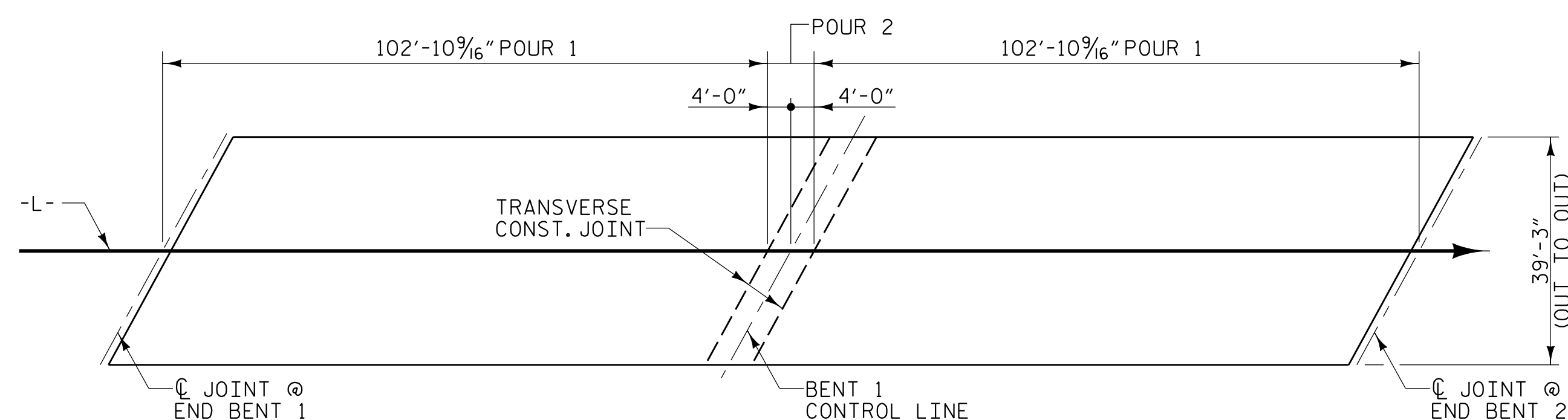


ALL BAR DIMENSIONS ARE OUT TO OUT



POURING SEQUENCE AND LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB

(SQ. FT. = 8390)



OPTIONAL POURING SEQUENCE

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

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"			

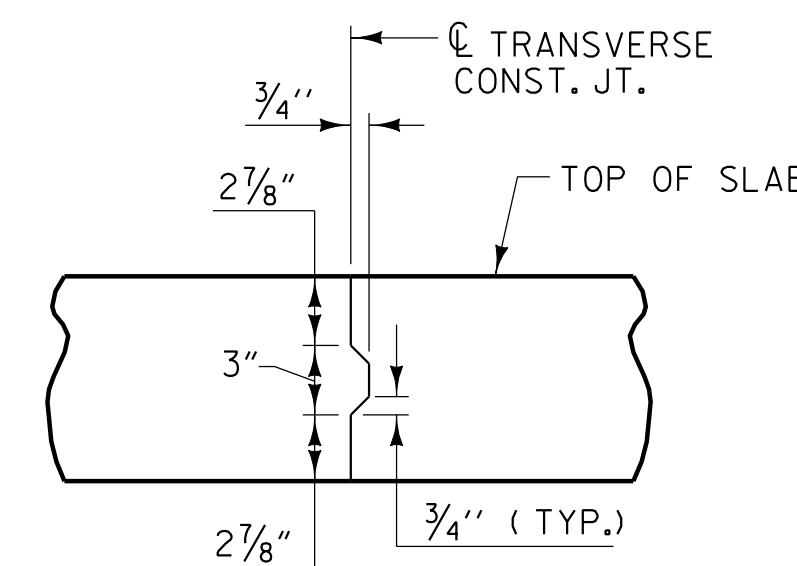
SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	127.4		
POUR 2	163.3		
** TOTALS	290.7	24033	25072

** QUANTITIES FOR PARAPET ARE NOT INCLUDED.

GROOVING BRIDGE FLOORS

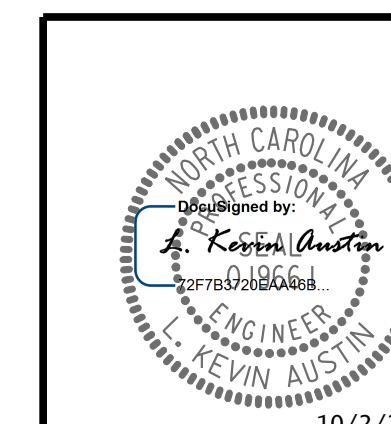
APPROACH SLABS	924	SQ.FT.
BRIDGE DECK	7143	SQ.FT.
TOTAL	8067	SQ.FT.



TRANSVERSE CONSTRUCTION JOINT DETAIL

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

PLANS PREPARED BY:



PROJECT NO. W-5518
COLUMBUS COUNTY
 STATION: 24+06.36 -L- POT

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 33

10/2/2015 4:42:38 PM RA:\Structures\W5518\SWU_BM_0.dgn

DRAWN BY : W. B. ALLEN DATE : 12/14
 CHECKED BY : Z. H. BROWN DATE : 1/15
 DESIGN ENGINEER OF RECORD: L. K. AUSTIN DATE : 8/15