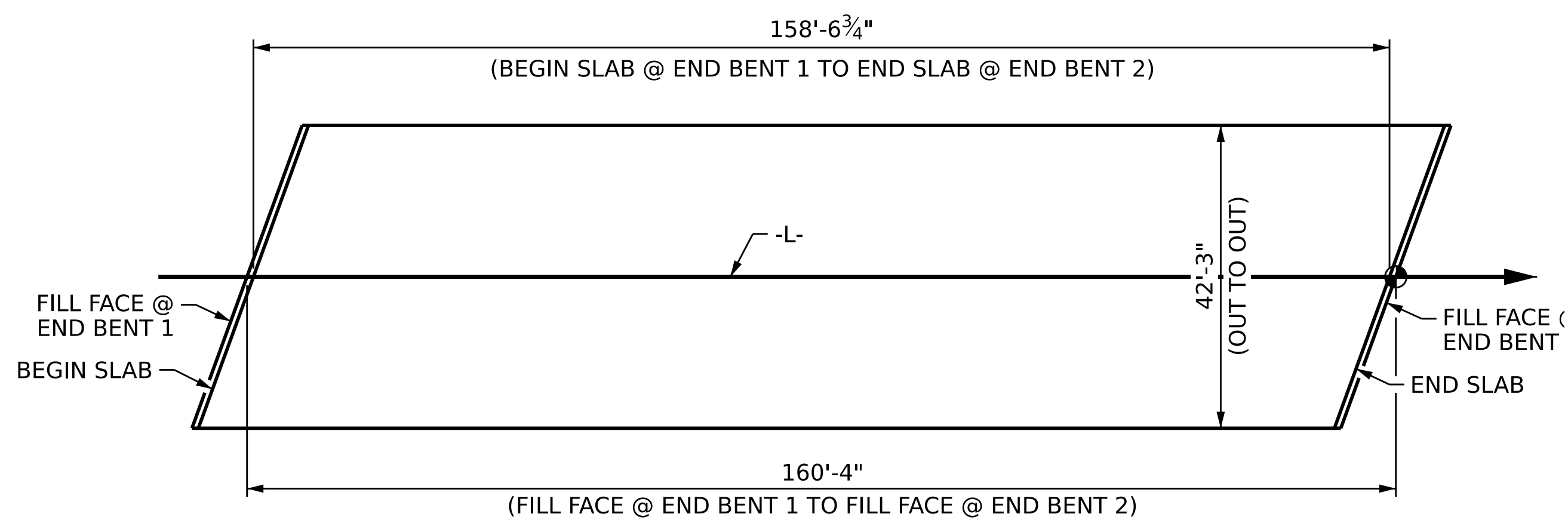
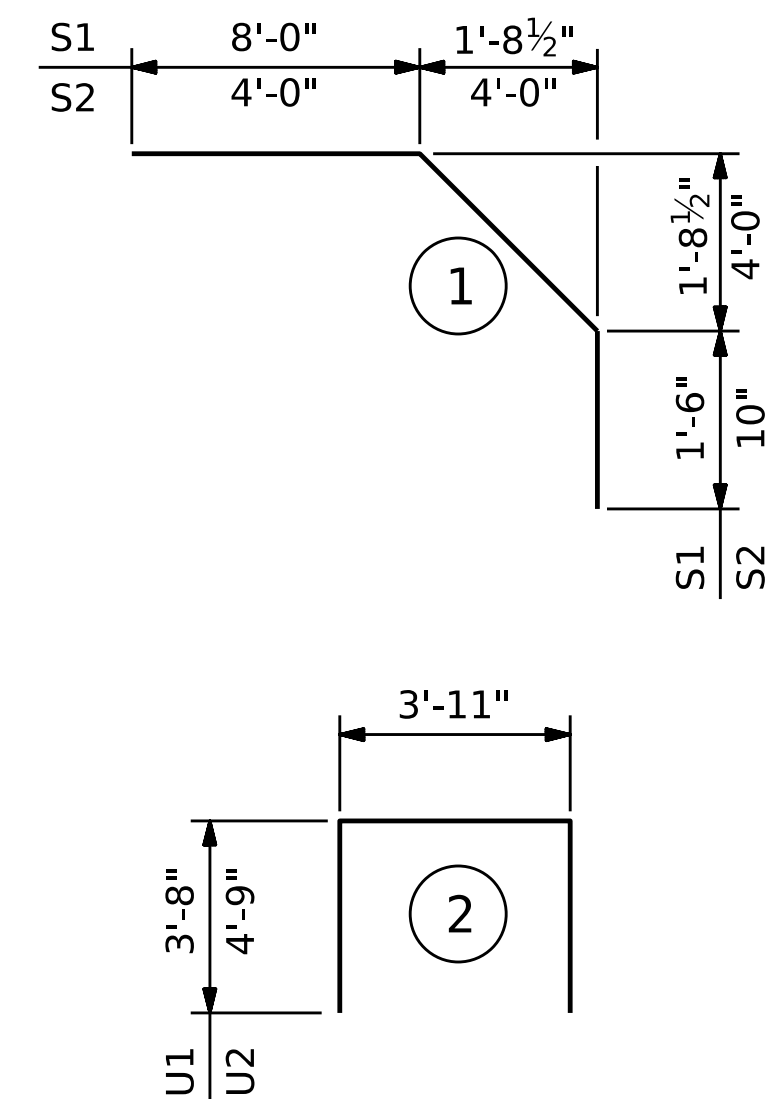


POURING SEQUENCE
 POURS CANNOT BE STARTED UNTIL BOTH ADJACENT POURS REACH A MINIMUM OF 3,000 PSI.
 ← ① → INDICATED POUR NUMBER AND DIRECTION OF POUR



LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB
 (SQ. FT. = 6,699)

BILL OF MATERIAL											
SPANS A, B & C											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	344	#5	STR	41'-11"	15,039	*B1	58	#5	STR	29'-11"	1,810
A2	344	#5	STR	41'-11"	15,039	*B2	58	#5	STR	53'-1"	3,211
*A101	2	#5	STR	1'-10"	4	*B3	112	#6	STR	15'-3"	2,565
*A102	4	#5	STR	3'-0"	13	*B4	112	#5	STR	26'-11"	3,144
*A103	4	#5	STR	5'-4"	22	B5	122	#5	STR	31'-11"	4,061
*A104	4	#5	STR	7'-7"	32	B6	122	#5	STR	50'-5"	6,415
*A105	4	#5	STR	9'-11"	41						
*A106	4	#5	STR	12'-2"	51	H1	60	#5	STR	14'-9"	923
*A107	4	#5	STR	14'-6"	60	H2	20	#5	STR	14'-6"	302
*A108	4	#5	STR	16'-9"	70						
*A109	4	#5	STR	19'-1"	80	K1	20	#4	STR	26'-6"	354
*A110	4	#5	STR	21'-4"	89	K2	6	#4	STR	10'-3"	41
*A111	4	#5	STR	23'-8"	99	K3	6	#4	STR	10'-11"	44
*A112	4	#5	STR	25'-11"	108	K4	12	#4	STR	11'-7"	93
*A113	4	#5	STR	28'-2"	118	K5	6	#4	STR	10'-10"	43
*A114	4	#5	STR	30'-6"	127	K6	4	#4	STR	4'-8"	12
*A115	4	#5	STR	32'-9"	137	K7	4	#4	STR	5'-4"	14
*A116	4	#5	STR	35'-1"	146	K8	8	#4	STR	6'-0"	32
*A117	4	#5	STR	37'-4"	156	K9	4	#4	STR	5'-2"	14
*A118	4	#5	STR	39'-8"	165	K10	28	#4	STR	2'-11"	55
A201	2	#5	STR	1'-10"	4						
A202	4	#5	STR	3'-0"	13	S1	72	#4	1	11'-11"	573
A203	4	#5	STR	5'-4"	22	S2	68	#4	1	10'-6"	477
A204	4	#5	STR	7'-7"	32						
A205	4	#5	STR	9'-11"	41	U1	72	#4	2	11'-3"	541
A206	4	#5	STR	12'-2"	51	U2	12	#4	2	13'-5"	108
A207	4	#5	STR	14'-6"	60						
A208	4	#5	STR	16'-9"	70	V1	48	#4	STR	4'-7"	147
A209	4	#5	STR	19'-1"	80						
A210	4	#5	STR	21'-4"	89						
A211	4	#5	STR	23'-8"	99						
A212	4	#5	STR	25'-11"	108						
A213	4	#5	STR	28'-2"	118						
A214	4	#5	STR	30'-6"	127						
A215	4	#5	STR	32'-9"	137						
A216	4	#5	STR	35'-1"	146						
A217	4	#5	STR	37'-4"	156						
A218	4	#5	STR	39'-8"	165						



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
POUR 1A (SPAN "A")	46.6	30,659	27,287
POUR 1b (SPAN "B")	68.4		
POUR 1c (SPAN "C")	46.6		
POUR 2	34.7		
POUR 3	82.2		
TOTALS**	278.5	30,659	27,287

** 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, PARAPETS, AND BARRIER RAILS		APPROACH SLABS		PARAPETS AND BARRIER RAILS
	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"			

GROOVING BRIDGE FLOORS	
APPROACH SLABS	1,073 SQ.FT.
BRIDGE DECK	5,932 SQ.FT.
TOTAL	7,005 SQ.FT.

PROJECT NO. **BR-0100**
RUTHERFORD COUNTY
 STATION: **18+28.00 -L-**

DRAWN BY: JMB 5/87	REV. 10/11/11	MAA/GM
CHECKED BY: SJD 9/87	REV. 12/17	MAA/THC
	REV. 06/19	BNB/THC
DESIGNED BY: J. WHEATLEY	DATE: MAY 2024	
DRAWN BY: M. HOBBS	DATE: MAY 2024	
CHECKED BY: E. LAWES	DATE: MAY 2024	
DESIGN ENGINEER OF RECORD: E. LAWES	DATE: MAY 2024	

wsp
 WSP USA Inc.
 434 FAYETTEVILLE STREET
 SUITE 1500
 RALEIGH, NC 27601
 TEL: 1.919.836.4040
 LICENSE NO. F-0165

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DocuSigned by:
 Elizabeth J. Lawes
 53566422304370127/18/2024

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
BILL OF MATERIAL & POURING SEQUENCE

REVISIONS			SHEET NO.
NO.	BY:	DATE:	5-21
1			TOTAL SHEETS
2			30