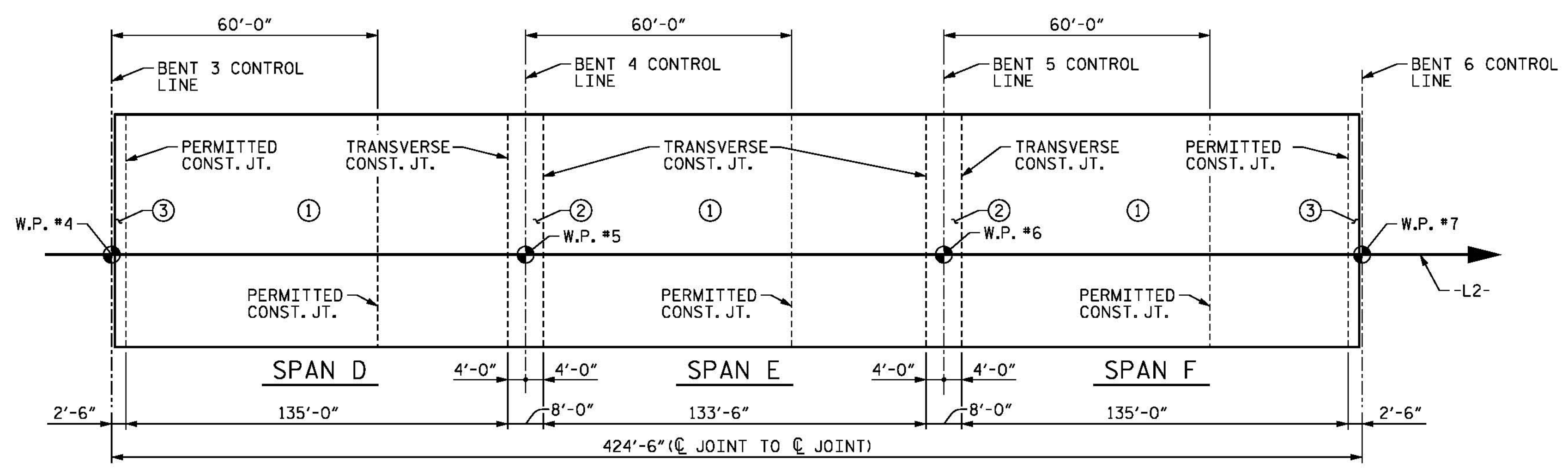


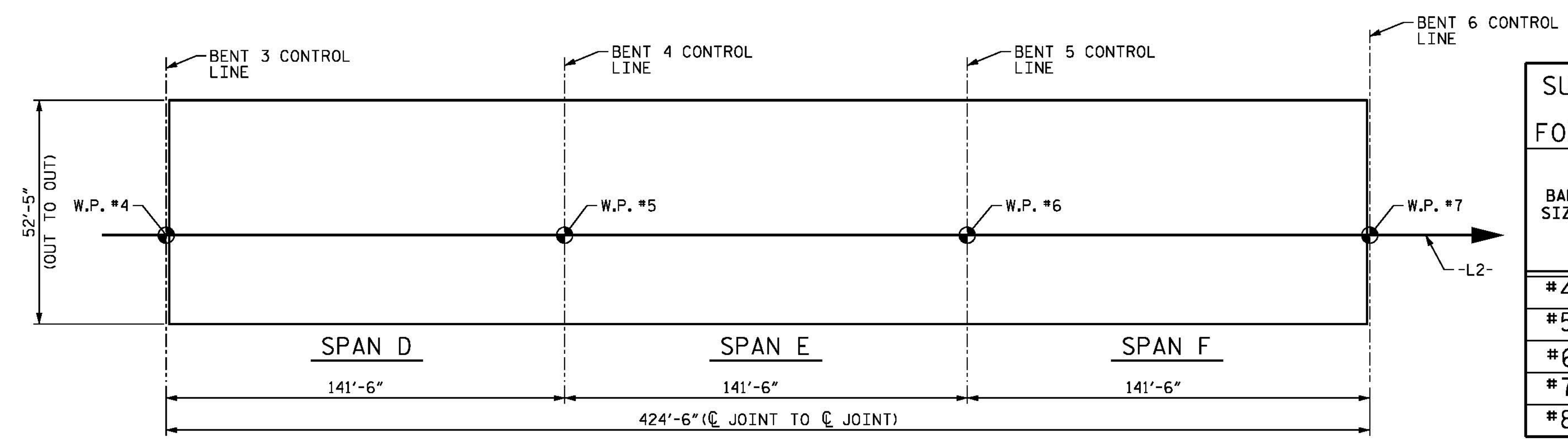
**POURING SEQUENCE - UNIT 2**

INDICATES THE NUMBER AND DIRECTION OF POUR  
DO NOT START POURS UNTIL ADJACENT POURS REACH A MINIMUM OF 3,000 PSI.

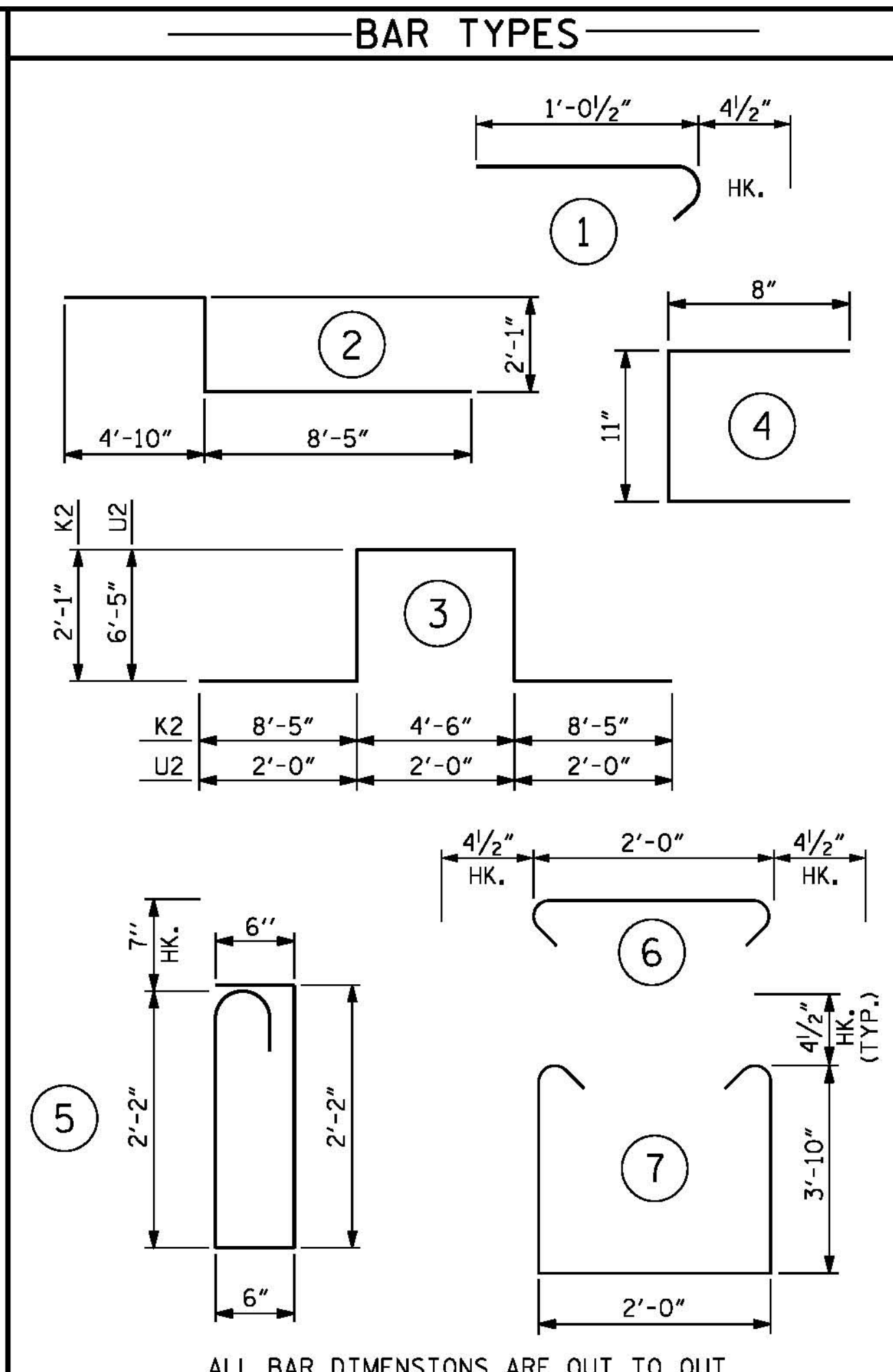


**OPTIONAL POURING SEQUENCE - UNIT 2**

POUR ② CANNOT BE STARTED UNTIL BOTH ADJACENT POUR ①'S REACH A MINIMUM OF 3,000 PSI.



**LAYOUT FOR COMPUTING AREA REINFORCED CONCRETE DECK SLAB (SQ. FT. = 22,251 SF)**



ALL BAR DIMENSIONS ARE OUT TO OUT

**SUPERSTRUCTURE BILL OF MATERIAL**

	CLASS AA CONCRETE ( CU. YDS. )	EPOXY COATED REINFORCING STEEL ( LBS. )
POUR 1	179.8	-
POUR 2	216.9	-
POUR 3	223.1	-
POUR 4	12.3	-
<b>TOTALS**</b>	<b>632.1</b>	<b>133,241</b>

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	782	#5	STR	52'-0"	42413
* A2	782	#5	STR	4'-4"	3534
* A3	782	#6	STR	16'-9"	19674
* B1	568	#4	STR	25'-6"	9675
* B2	142	#7	STR	40'-3"	11682
* B3	142	#7	STR	60'-0"	17415
* B4	136	#7	STR	45'-0"	12509
* B5	142	#4	STR	26'-3"	2490
* B6	160	#5	STR	55'-3"	9220
* C1	2	#5	STR	52'-0"	108
* J1	98	#4	1	1'-5"	93
* K1	8	#8	2	15'-4"	328
* K2	12	#8	3	25'-6"	817
* K3	2	#6	STR	52'-0"	156
* K4	32	#4	STR	6'-6"	139
* K5	16	#4	STR	7'-8"	82
* K6	64	#4	STR	10'-3"	438
* K7	28	#4	STR	23'-11"	447
* S1	56	#4	4	2'-3"	84
* S2	56	#5	5	5'-11"	346
* S3	416	#4	6	2'-9"	764
* U1	32	#4	7	10'-5"	223
* U2	48	#4	3	18'-10"	604

\* EPOXY COATED REINFORCING STEEL (LBS.) 133,241

\*\* QUANTITIES FOR BARRIER RAIL AND PARAPET 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	18218 SQ.FT.
TOTAL	18,218 SQ.FT.

**PARSONS BRINCKERHOFF**  
434 FAYETTEVILLE STREET  
SUITE 1500  
RALEIGH, NC 27601  
LICENSE NO. F-0165



DocuSigned by:  
Jason R. Doughty  
00F1C9648274F7...

PROJECT NO. B-4929  
PENDER COUNTY  
STATION: 38+13.81 -L2-  
SHEET 2 OF 9

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

SHEET NO. **S-141**  
TOTAL SHEETS **278**

DESIGNED BY: J. SMITH DATE: FEB 2016  
DRAWN BY: M. HOBBS DATE: MAR 2016  
CHECKED BY: E. DAVIS DATE: MAR 2016  
DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: MAY 2016

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

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**