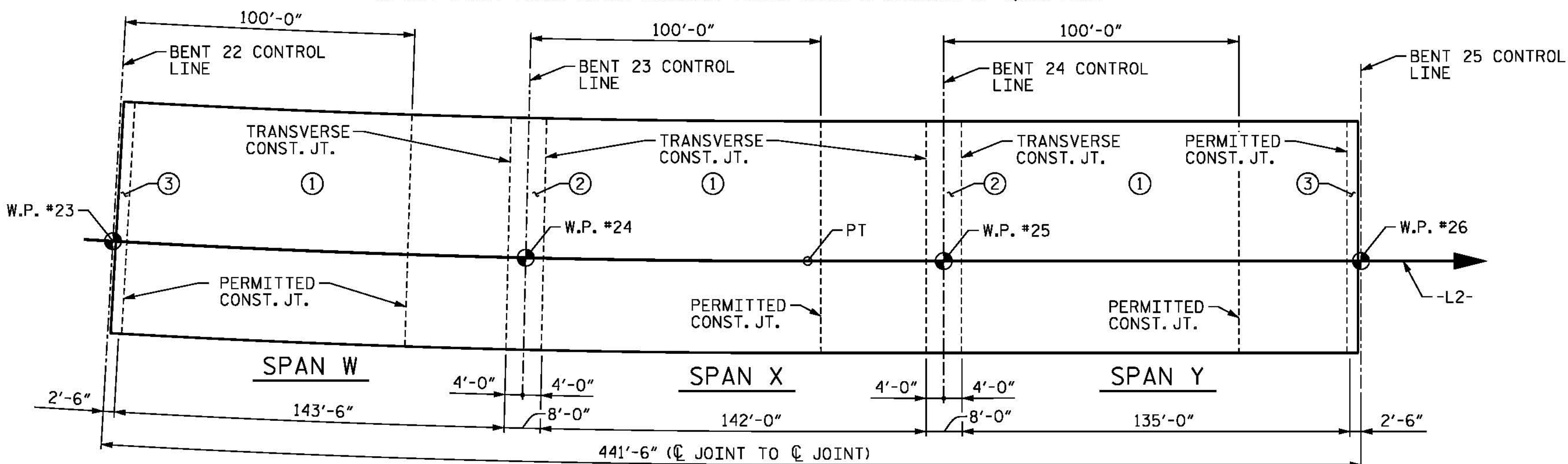


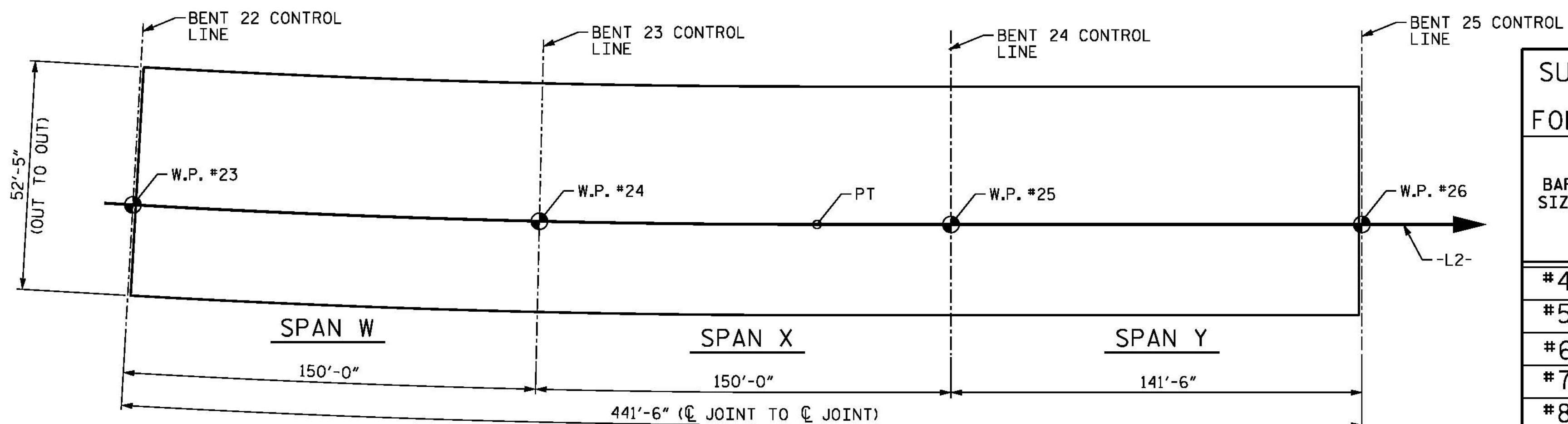
POURING SEQUENCE - UNIT 8

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

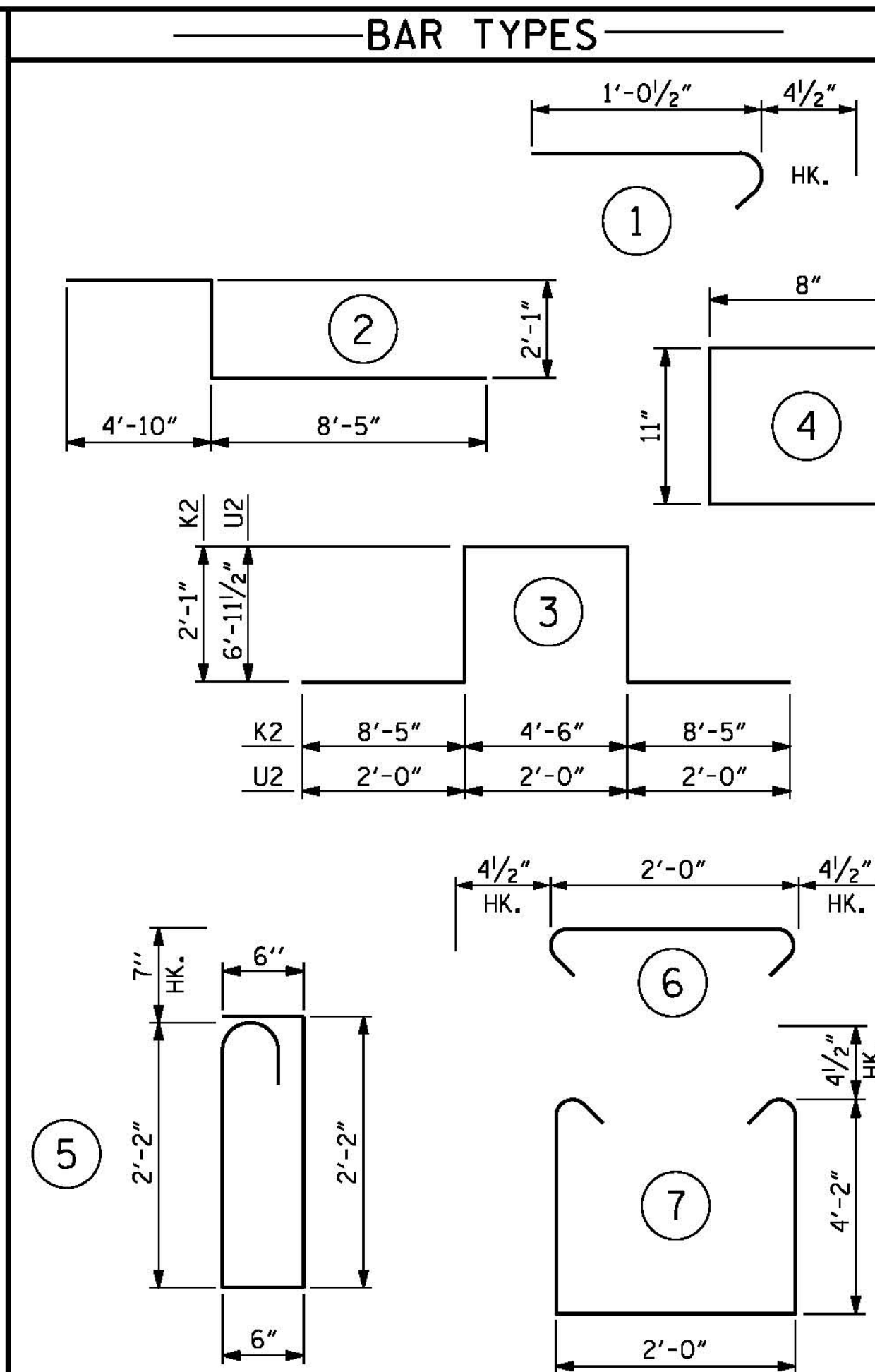


OPTIONAL POURING SEQUENCE - UNIT 8

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. = 23,091 SF)



BILL OF MATERIAL					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
* A1	820	#5	STR	52'-0"	44474
* A2	820	#5	STR	4'-4"	3706
* A3	820	#6	STR	15'-4"	18885
* B1	284	#4	STR	27'-5"	5201
* B2	142	#7	STR	40'-0"	11610
* B3	284	#7	STR	35'-3"	20462
* B4	68	#7	STR	47'-0"	6533
* B5	142	#4	STR	29'-6"	2798
* B6	68	#7	STR	46'-0"	6394
* B7	284	#4	STR	25'-6"	4838
* B8	152	#5	STR	57'-4"	9089
* B9	8	#5	STR	56'-3"	469
* B10	2	#5	STR	25'-0"	52
* B11	2	#5	STR	51'-0"	106
* G1	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	1	#6	STR	52'-0"	78
* 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'-7"	441
* K8	8	#6	STR	6'-10"	82
* 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	11'-1"	237
* U2	48	#4	3	19'-11"	639

ALL BAR DIMENSIONS ARE OUT TO OUT
—SUPERSTRUCTURE BILL OF MATERIAL—

	CLASS AA CONCRETE (CU. YDS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	202.7	-
POUR 2	242.7	-
POUR 3	236.9	-
POUR 4	12.7	-
TOTALS**	695.0	139,293

SUPERSTRUCTURE BILL OF MATERIAL	
CLASS AA CONCRETE (CU. YDS.)	EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	202.7
POUR 2	242.7
POUR 3	236.9
POUR 4	12.7
TOTALS**	695.0
* EPOXY COATED REINFORCING STEEL (LBS.) 139,293	

** 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	18949 SQ.FT.
TOTAL	18,949 SQ.FT.

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



PROJECT NO. B-4929
PENDER COUNTY
STATION: 38+13.81 -L2-
SHEET 7 OF 9

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
SUPERSTRUCTURE
BILL OF MATERIAL
UNIT 8

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-146
1			3			TOTAL SHEETS 278
2			4			

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

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

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED