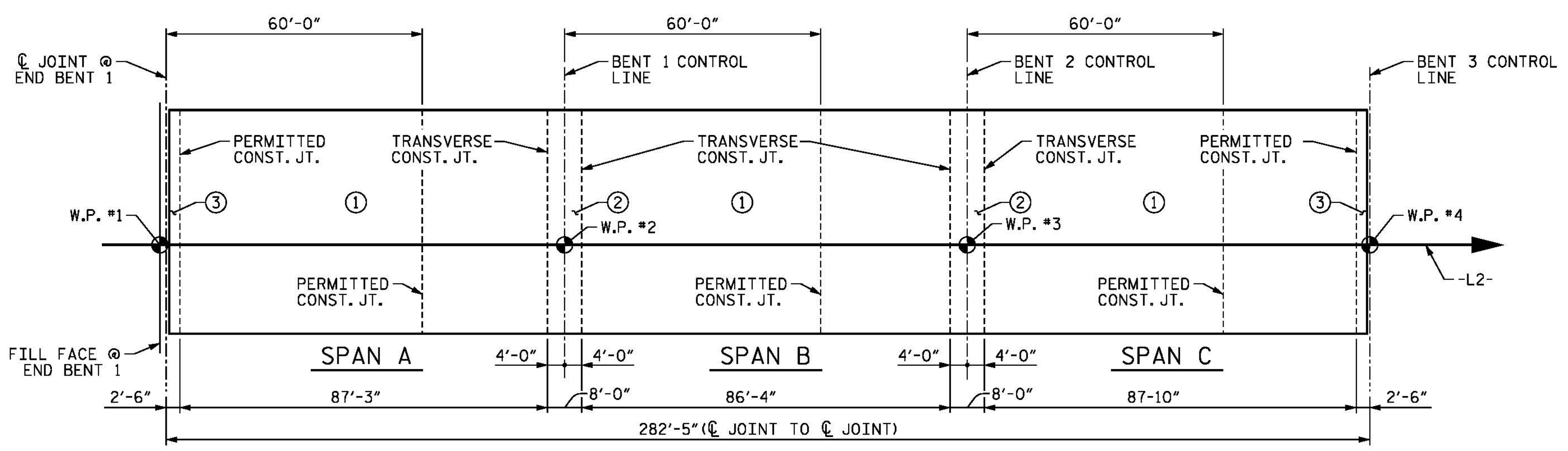


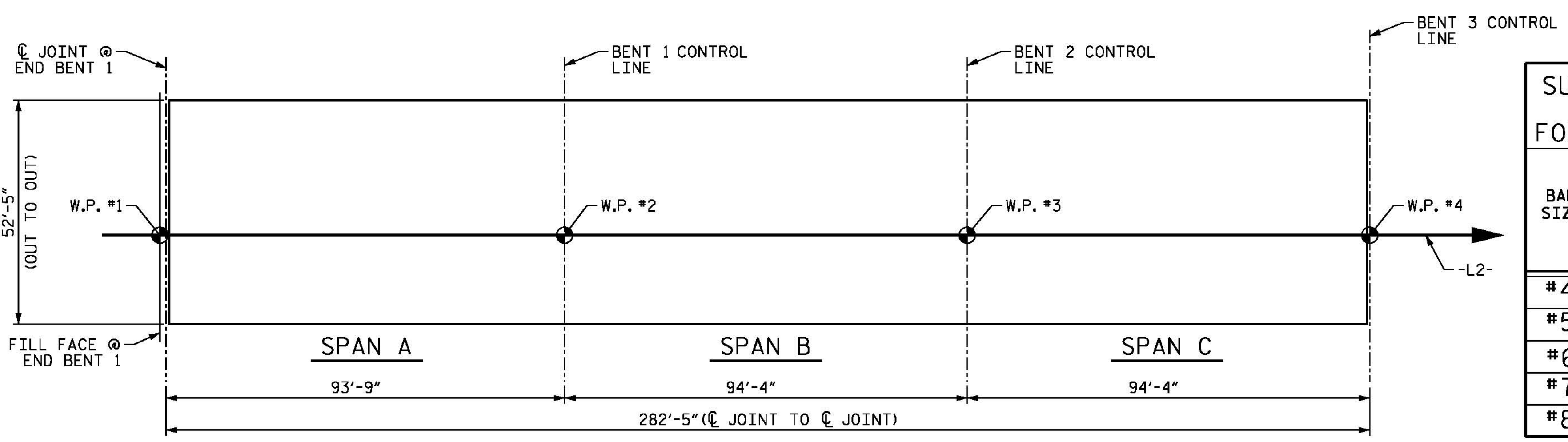
**POURING SEQUENCE - UNIT 1**

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

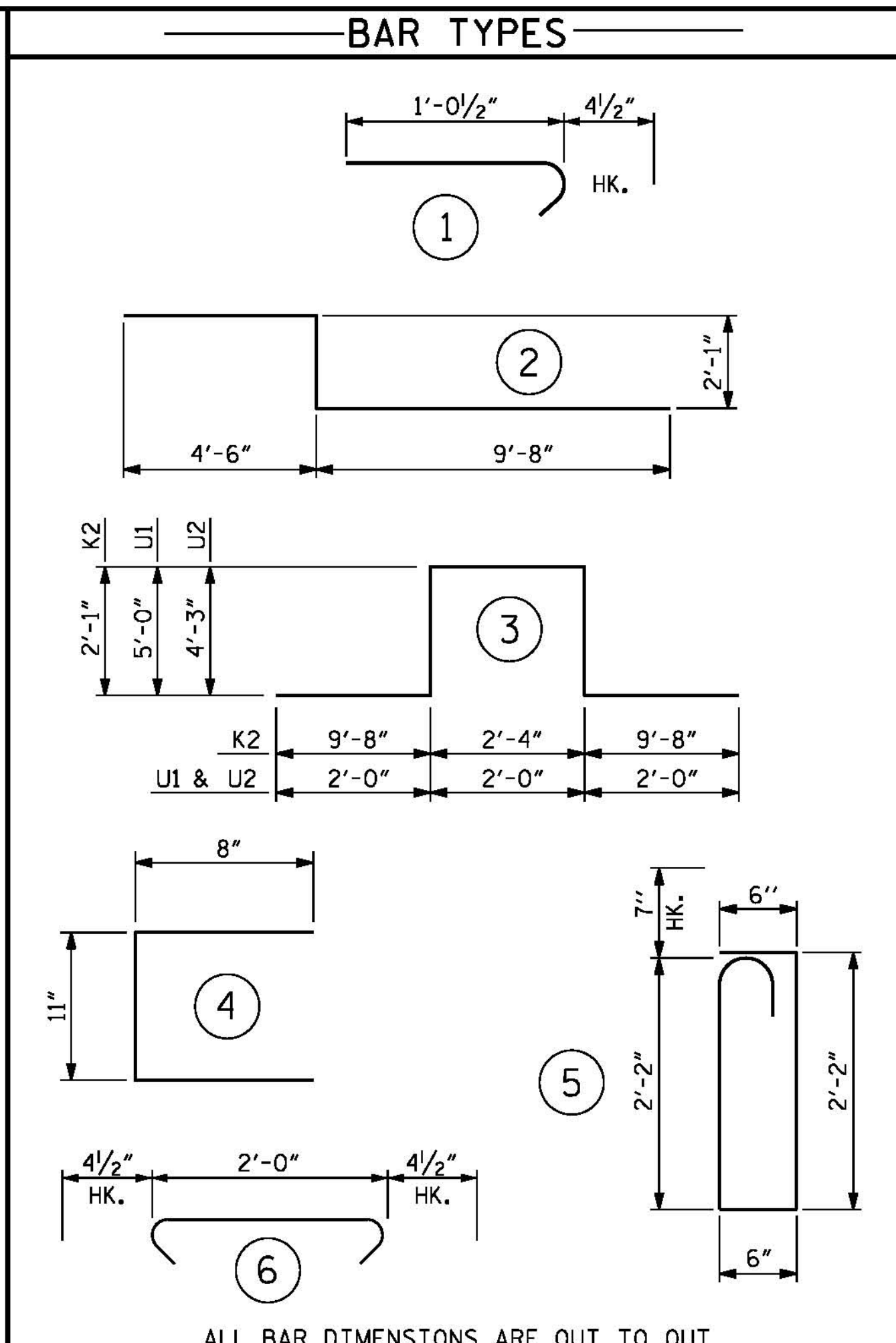


**OPTIONAL POURING SEQUENCE - UNIT 1**

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. = 14,803 SF)



**—SUPERSTRUCTURE BILL OF MATERIAL—**

	CLASS AA CONCRETE ( CU. YDS. )	EPOXY COATED REINFORCING STEEL ( LBS. )
POUR 1	111.1	-
POUR 2	142.3	-
POUR 3	148.2	-
POUR 4	12.2	-
<b>TOTALS**</b>	<b>413.8</b>	<b>95,140</b>

\*\*QUANTITIES FOR BARRIER RAIL AND PARAPET ARE NOT INCLUDED.

**—BILL OF MATERIAL—**

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
*A1	614	#5	STR	52'-0"	33301
*A2	614	#5	STR	3'-8"	2348
*A3	614	#5	STR	15'-0"	9606
*B1	213	#4	STR	21'-11"	3118
*B2	142	#7	STR	24'-0"	6966
*B3	142	#7	STR	49'-3"	14295
*B4	136	#7	STR	34'-0"	9451
*B5	142	#4	STR	16'-2"	1534
*B6	213	#4	STR	22'-1"	3142
*B7	115	#5	STR	58'-4"	6997
*C1	2	#5	STR	52'-0"	108
*J1	98	#4	1	1'-5"	93
*K1	8	#8	2	16'-3"	347
*K2	12	#8	3	25'-10"	828
*K3	2	#6	STR	52'-0"	156
*K4	16	#4	STR	9'-4"	100
*K5	48	#4	STR	10'-4"	331
*K6	16	#4	STR	7'-10"	84
*K7	20	#4	STR	24'-3"	324
*S1	80	#4	4	2'-3"	120
*S2	80	#5	5	5'-11"	494
*S3	304	#4	6	2'-9"	558
*U1	64	#4	3	16'-0"	684
*U2	16	#4	3	14'-6"	155

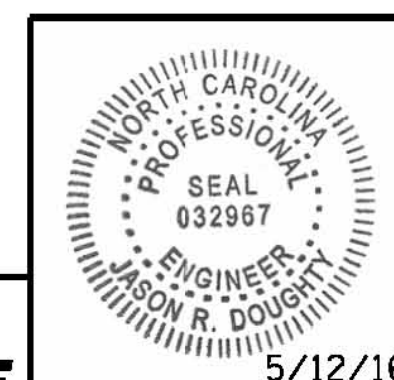
**SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS**

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**

APPROACH SLABS	1061	SO.FT.
BRIDGE DECK	12109	SO.FT.
<b>TOTAL</b>	<b>13,170</b>	<b>SO.FT.</b>

**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 1 OF 9

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**STANDARD SUPERSTRUCTURE BILL OF MATERIAL**  
UNIT 1

REVISIONS		SHEET NO.
NO.	BY: DATE:	S-140
1		TOTAL SHEETS 278
2		

DESIGNED BY: J. SMITH DATE: FEB 2016  
DRAWN BY: M. HOBBS DATE: MAR 2016  
CHECKED BY: E. DAVIS DATE: APR 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*  
00F1C8648274F7...  
5/12/16

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