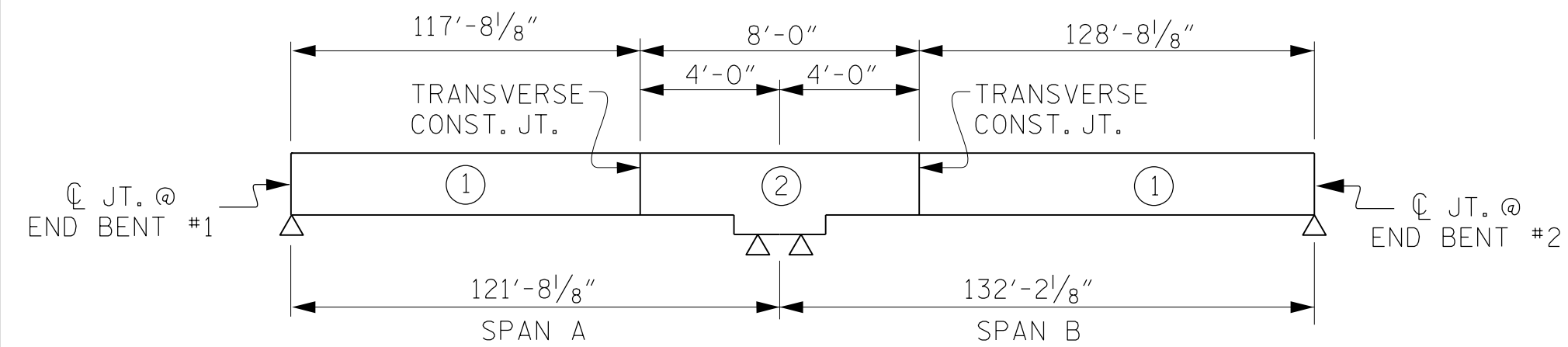


POURING SEQUENCE

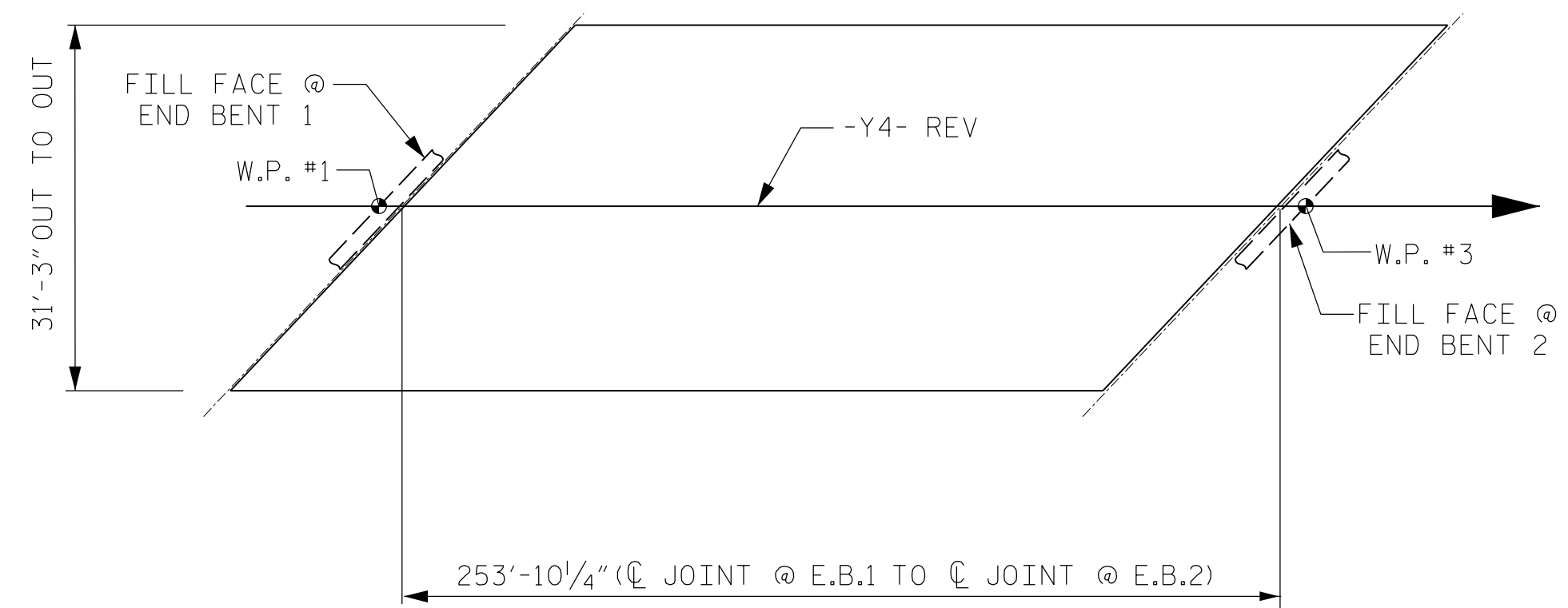
⊕ = INDICATES POUR NUMBER AND DIRECTION OF POUR



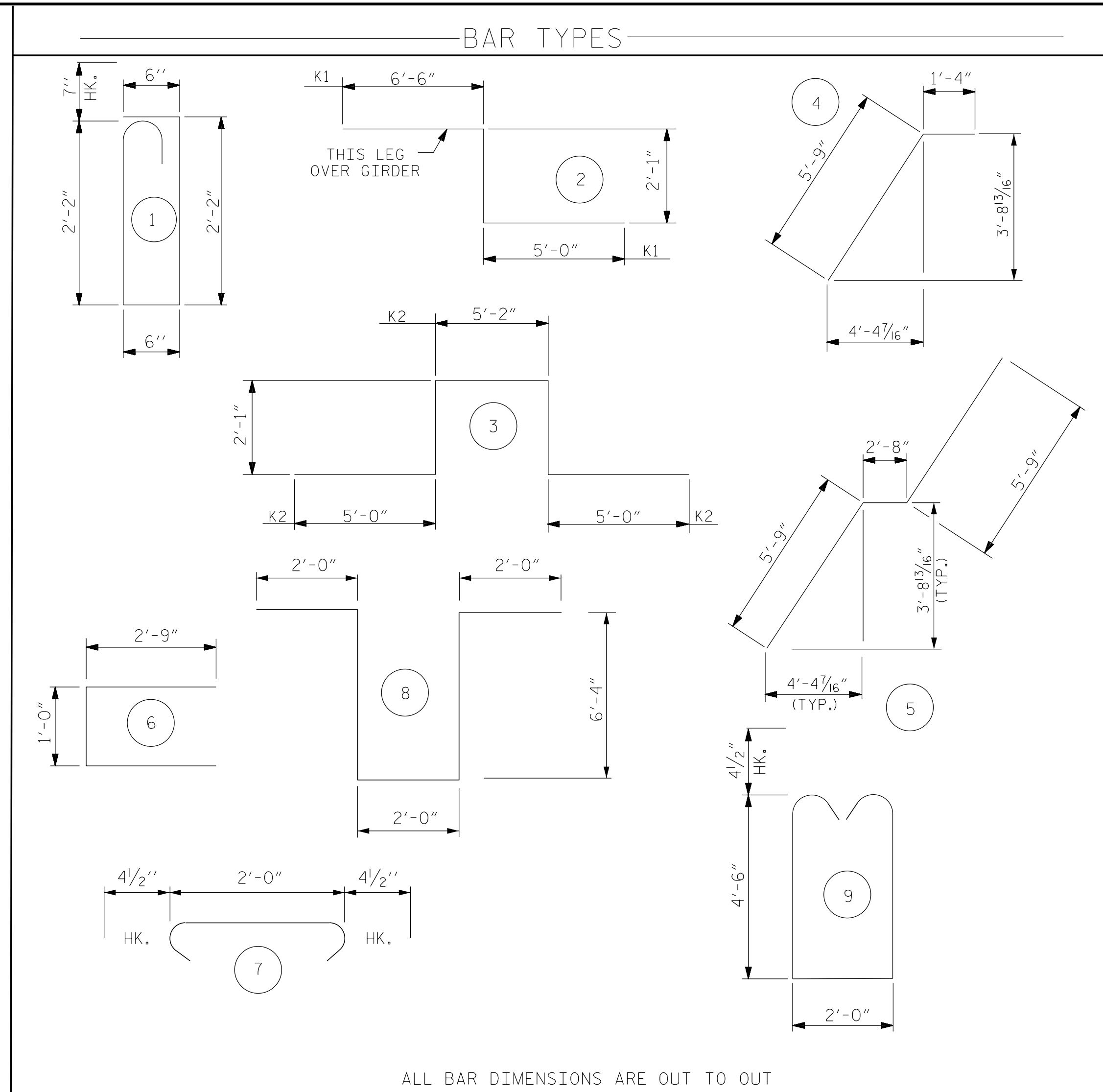
OPTIONAL POURING SEQUENCE

⊕ = INDICATES POUR NUMBER

NOTE: PREVIOUSLY CAST CONCRETE IN A CONTINUOUS UNIT SHALL HAVE ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI BEFORE ADDITIONAL CONCRETE IS CAST IN THE UNIT.



LAYOUT OF COMPUTED AREA REINFORCED CONCRETE DECK SLAB (SQ.FT= 7,933)



BILL OF MATERIAL											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	393	#5	STR	30'-11"	12673	*B1	198	#4	STR	30'-0"	3968
*A3	6	#6	STR	7'-0"	63	*B2	40	#6	STR	38'-7"	2318
*A101	4	#5	STR	29'-9"	124	B3	120	#5	STR	52'-5"	6560
*A102	4	#5	STR	28'-3"	118						
*A103	4	#5	STR	26'-9"	112	*K1	8	#8	2	11'-1"	237
*A104	4	#5	STR	25'-3"	105	*K2	8	#8	3	19'-4"	413
*A105	4	#5	STR	23'-9"	99	*K3	18	#6	STR	5'-2"	140
*A106	4	#5	STR	22'-3"	93	K4	12	#4	4	7'-1"	57
*A107	4	#5	STR	20'-9"	87	K5	12	#4	5	14'-3"	114
*A108	4	#5	STR	19'-3"	80	K6	6	#4	STR	7'-0"	28
*A109	4	#5	STR	17'-9"	74	K7	30	#4	STR	9'-0"	180
*A110	4	#5	STR	16'-3"	68	K8	9	#4	STR	5'-3"	32
*A111	4	#5	STR	14'-9"	62						
*A112	4	#5	STR	13'-3"	55	*S1	36	#5	1	5'-11"	222
*A113	4	#5	STR	11'-9"	49	*S2	36	#4	6	6'-6"	156
*A114	4	#5	STR	10'-3"	43	S3	138	#4	7	2'-9"	254
*A115	4	#5	STR	8'-9"	37						
*A116	4	#5	STR	7'-3"	30	U1	18	#4	8	18'-8"	224
*A117	4	#5	STR	5'-9"	24	U2	6	#4	9	11'-9"	47
*A118	4	#5	STR	4'-3"	18						
*A119	4	#5	STR	2'-9"	11	*G1	2	#5	STR	39'-1"	82
A2	393	#5	STR	30'-11"	12673						
A201	4	#5	STR	29'-9"	124						
A202	4	#5	STR	28'-3"	118						
A203	4	#5	STR	26'-9"	112						
A204	4	#5	STR	25'-3"	105						
A205	4	#5	STR	23'-9"	99						
A206	4	#5	STR	22'-3"	93						
A207	4	#5	STR	20'-9"	87						
A208	4	#5	STR	19'-3"	80						
A209	4	#5	STR	17'-9"	74						
A210	4	#5	STR	16'-3"	68						
A211	4	#5	STR	14'-9"	62						
A212	4	#5	STR	13'-3"	55						
A213	4	#5	STR	11'-9"	49						
A214	4	#5	STR	10'-3"	43						
A215	4	#5	STR	8'-9"	37						
A216	4	#5	STR	7'-3"	30						
A217	4	#5	STR	5'-9"	24						
A218	4	#5	STR	4'-3"	18						
A219	4	#5	STR	2'-9"	11						

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	* EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
POUR 1	105.6		
POUR 2	131.6		
TOTALS**	237.2	21,458	21,561

**QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

BAR SIZE	SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS				PARAPET AND BARRIER RAIL
	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		
	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	708	SQ.FT.
BRIDGE DECK	6,315	SQ.FT.
TOTAL	7,023	SQ.FT.



DocuSigned by:
Jeff Loftus
FES1D000E879A6G
2/3/2017

Firm License No. C-1051
421 Fayetteville St,
Suite 400
Raleigh, NC 27601
T 919.380.8750
www.stewartinc.com



PROJECT NO. R-2707C
CLEVELAND COUNTY
STATION: 24+05.50-Y4-REV 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. S5-18
TOTAL SHEETS 29

STR. #5

DRAWN BY: H.ASSFOURA DATE: 04/16
CHECKED BY: J.LOFTUS DATE: 11/16
DESIGN ENGINEER OF RECORD: J.LOFTUS DATE: 01/17

R 2707C-5
2/3/2017
\\405-035-R2707C-SMU-BOM01-S5-18.dgn
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