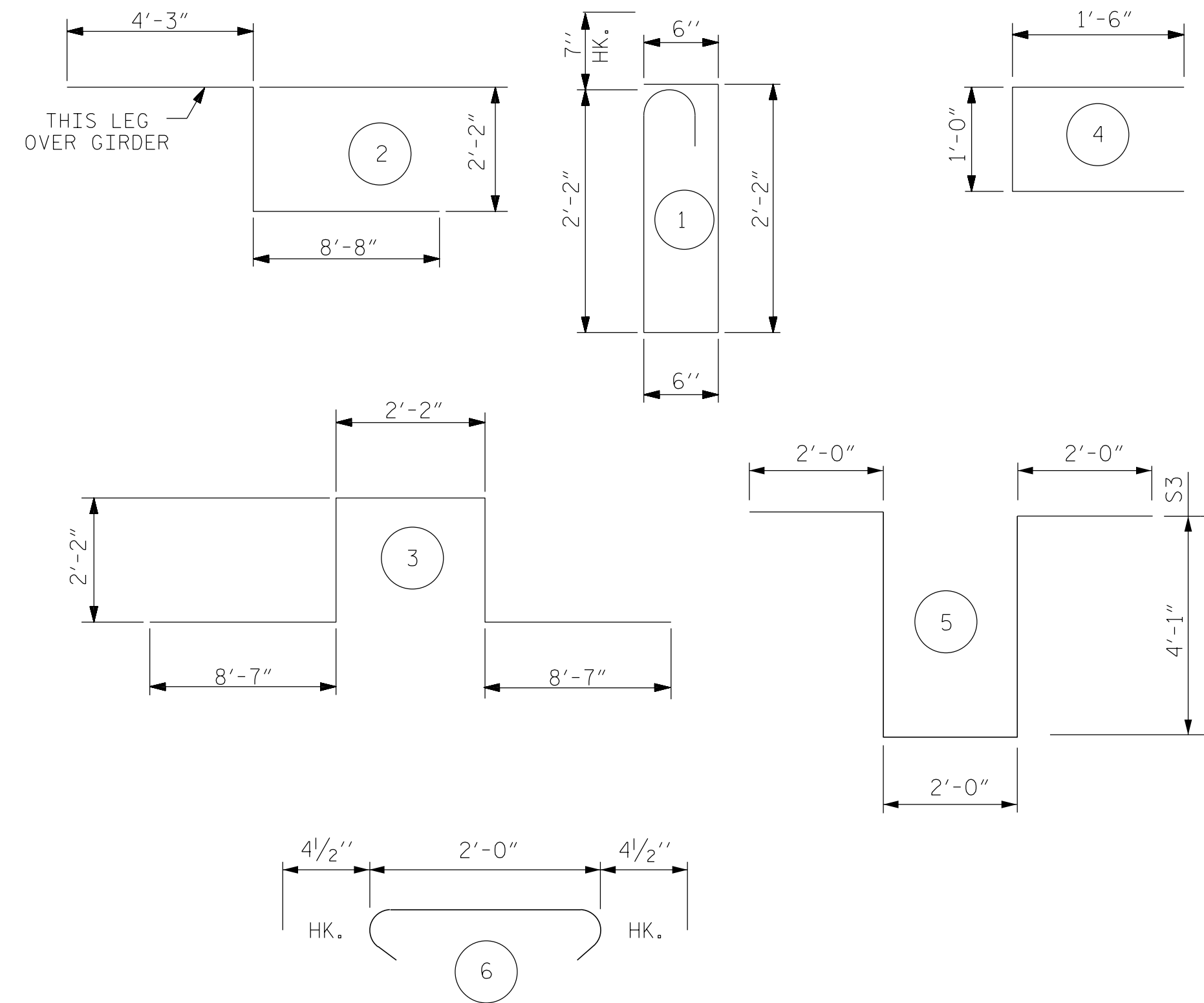


BAR TYPES

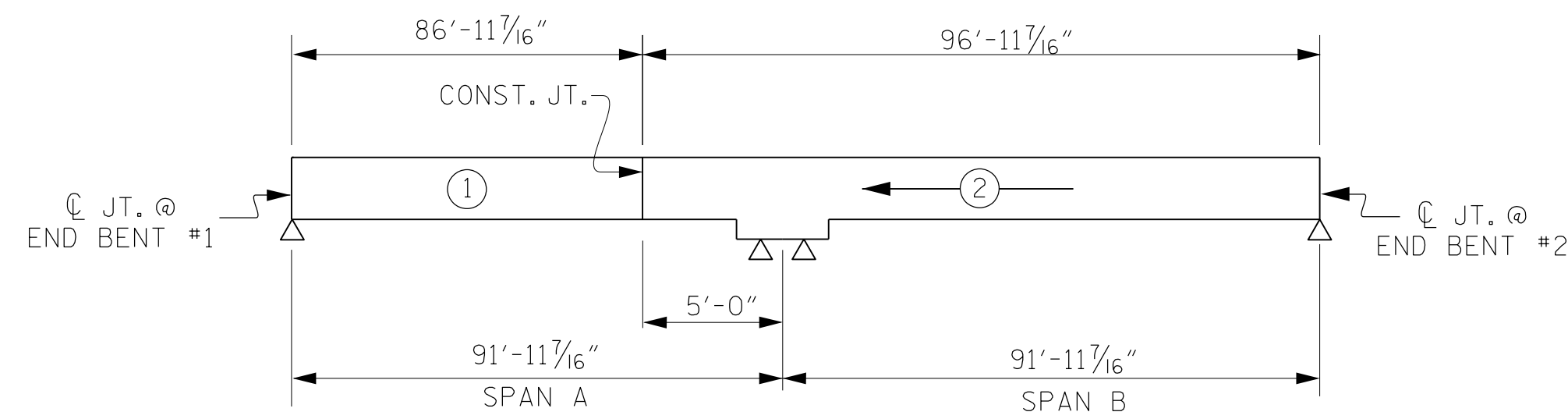


ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

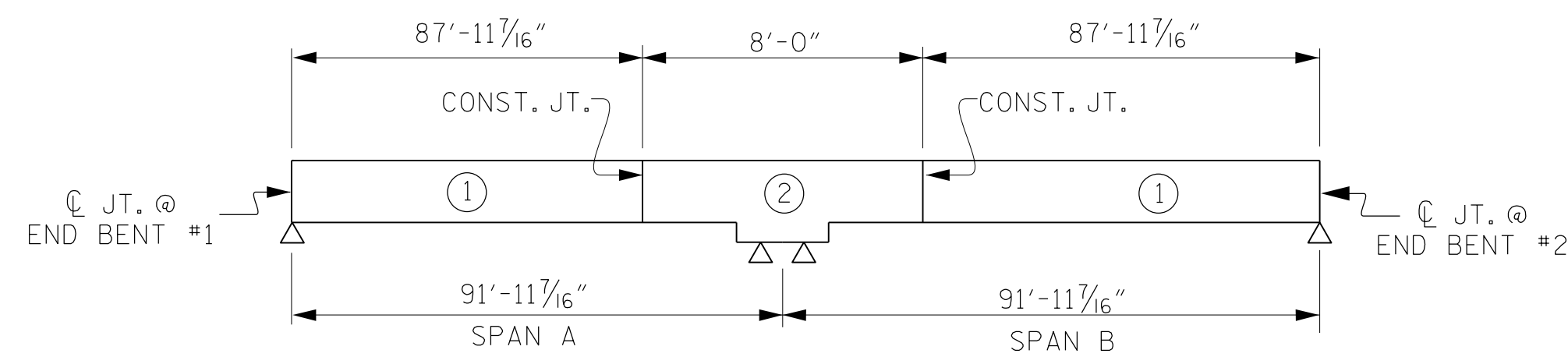
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	431	#5	STR	42'-11"	19,292	* B1	180	#4	STR	21'-11"	2,635
* A2	2	#5	STR	39'-1"	82	* B2	60	#6	STR	34'-6"	3,109
* A3	2	#5	STR	34'-11"	73	* B3	56	#6	STR	28'-0"	2,355
* A4	2	#5	STR	30'-8"	64	B4	244	#5	STR	47'-6"	12,088
* A5	2	#5	STR	26'-5"	55						
* A6	2	#5	STR	22'-3"	46	* G1	2	#5	STR	43'-1"	90
* A7	2	#5	STR	18'-0"	38						
* A8	2	#5	STR	13'-9"	29	* K1	8	#8	2	15'-1"	322
* A9	2	#5	STR	9'-6"	20	* K2	8	#8	3	23'-8"	506
* A10	2	#5	STR	5'-4"	11	* K3	18	#6	STR	9'-11"	268
* A11	2	#5	STR	1'-1"	2	K4	10	#4	STR	19'-1"	127
						K5	6	#4	STR	9'-6"	38
A12	431	#5	STR	42'-11"	19,292	K6	6	#4	STR	10'-6"	42
A13	2	#5	STR	39'-1"	82	K7	12	#4	STR	11'-0"	88
A14	2	#5	STR	34'-11"	73	K8	6	#4	STR	10'-0"	40
A15	2	#5	STR	30'-8"	64						
A16	2	#5	STR	26'-5"	55	* S1	66	#5	1	5'-11"	407
A17	2	#5	STR	22'-3"	46	* S2	66	#4	4	4'-0"	176
A18	2	#5	STR	18'-0"	38	S3	6	#4	5	14'-2"	57
A19	2	#5	STR	13'-9"	29	S4	24	#4	5	15'-10"	254
A20	2	#5	STR	9'-6"	20	S5	120	#4	6	2'-9"	220
A21	2	#5	STR	5'-4"	11						
A22	2	#5	STR	1'-1"	2						

REINFORCING STEEL 32,666 LBS.  
\* EPOXY REINFORCING STEEL 29,580 LBS.



POURING SEQUENCE

⊕ = INDICATES POUR NUMBER AND DIRECTION OF POUR



OPTIONAL POURING SEQUENCE

⊕ = INDICATES POUR NUMBER

SUPERSTRUCTURE BILL OF MATERIAL

	CLASS AA CONCRETE ( CU. YDS. )	REINFORCING STEEL ( LBS. )	EPOXY COATED REINFORCING STEEL ( LBS. )
POUR 1	126.0		
POUR 2	140.5		
TOTALS**	266.5	32,666	29,580

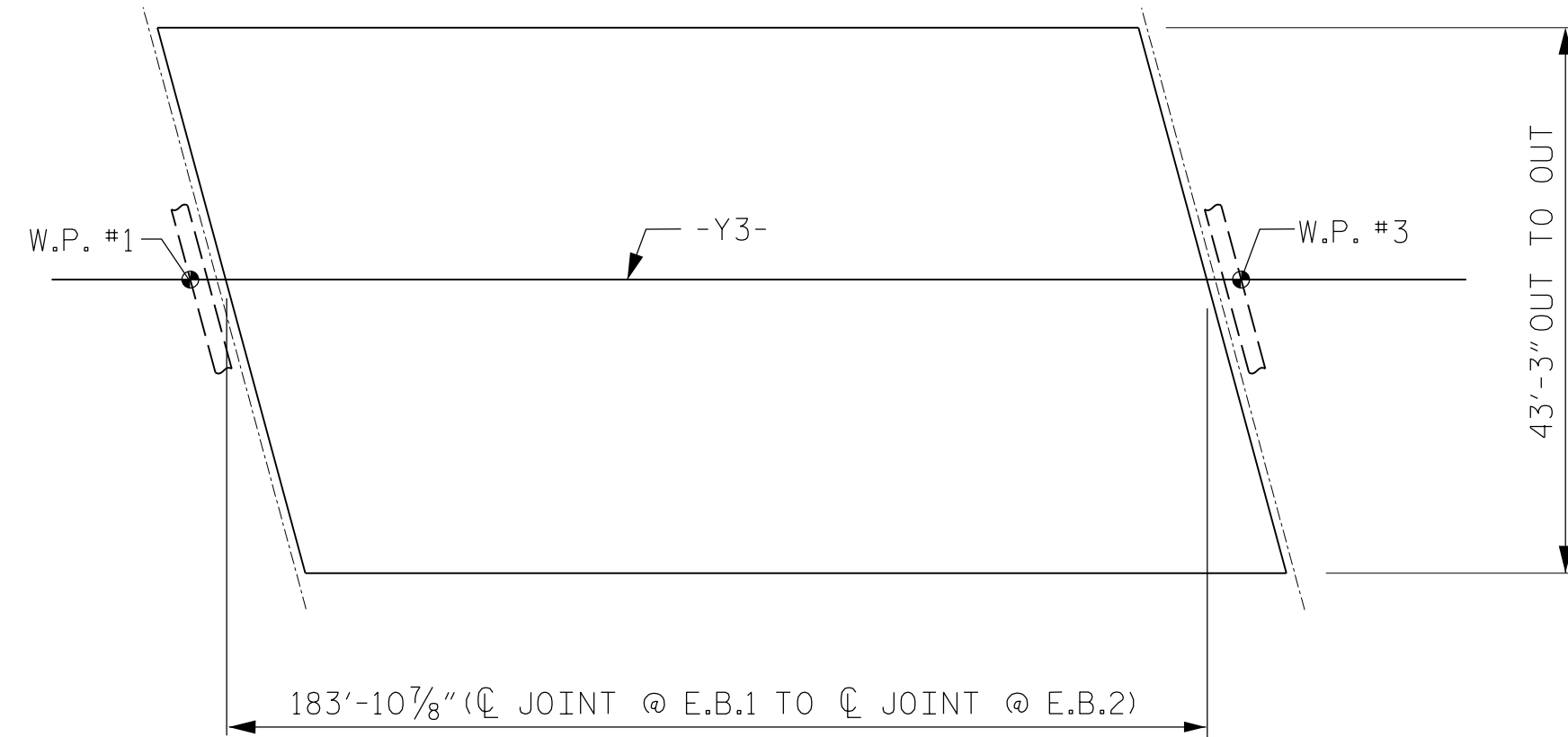
\*\*QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

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

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, 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	1,769	SQ.FT.
BRIDGE DECK	6,789	SQ.FT.
TOTAL	8,558	SQ.FT.



LAYOUT OF COMPUTED AREA REINFORCED CONCRETE DECK SLAB (SQ.FT= 7,954)

PROJECT NO. R-2707C  
CLEVELAND COUNTY  
STATION: 20+70.23-Y3- POT



DocuSigned by: Jeff Capus 2/6/2017

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

STEWART

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
SUPERSTRUCTURE  
BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S4-18
2			4			TOTAL SHEETS 29

STR. #4

DRAWN BY: H.ASSFOURA DATE: 07/16  
CHECKED BY: J.LOFIUS DATE: 11/16  
DESIGN ENGINEER OF RECORD: J.LOFIUS DATE: 01/17

2/6/2017  
\\404-035-R2707C-SMU-B0M1-S4-18.dgn  
USER:deFault

R 2707C-SITE 3