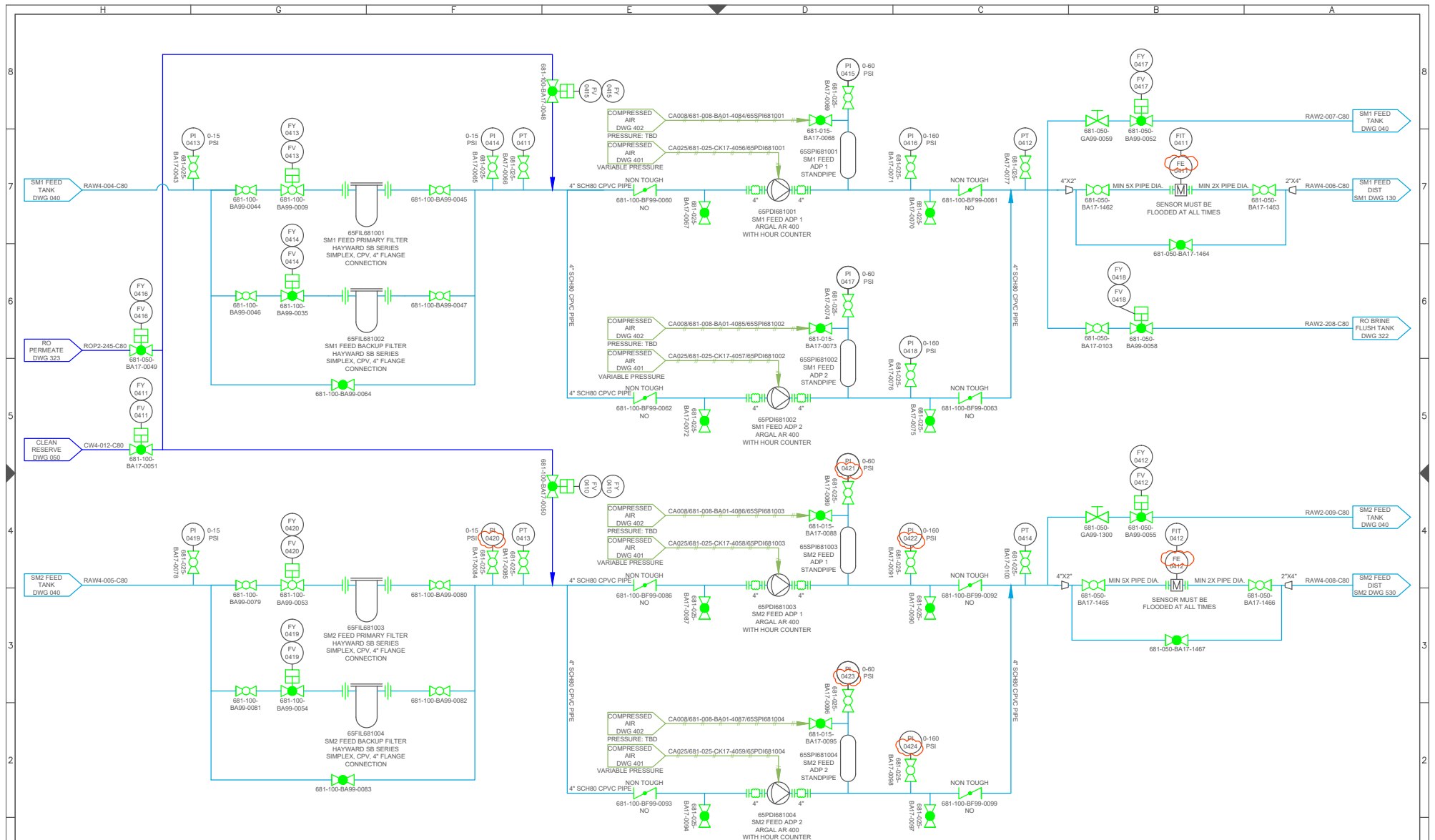


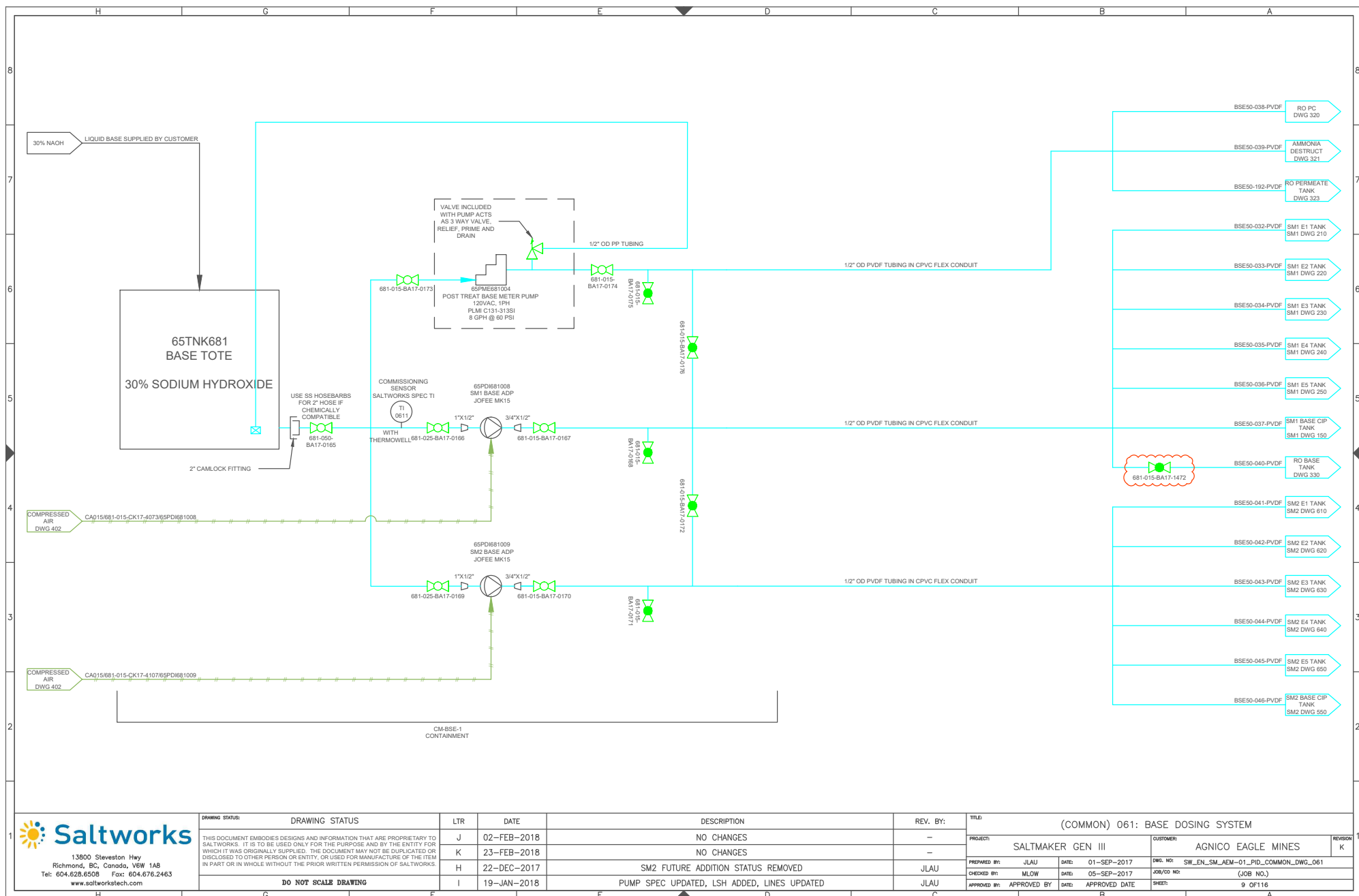


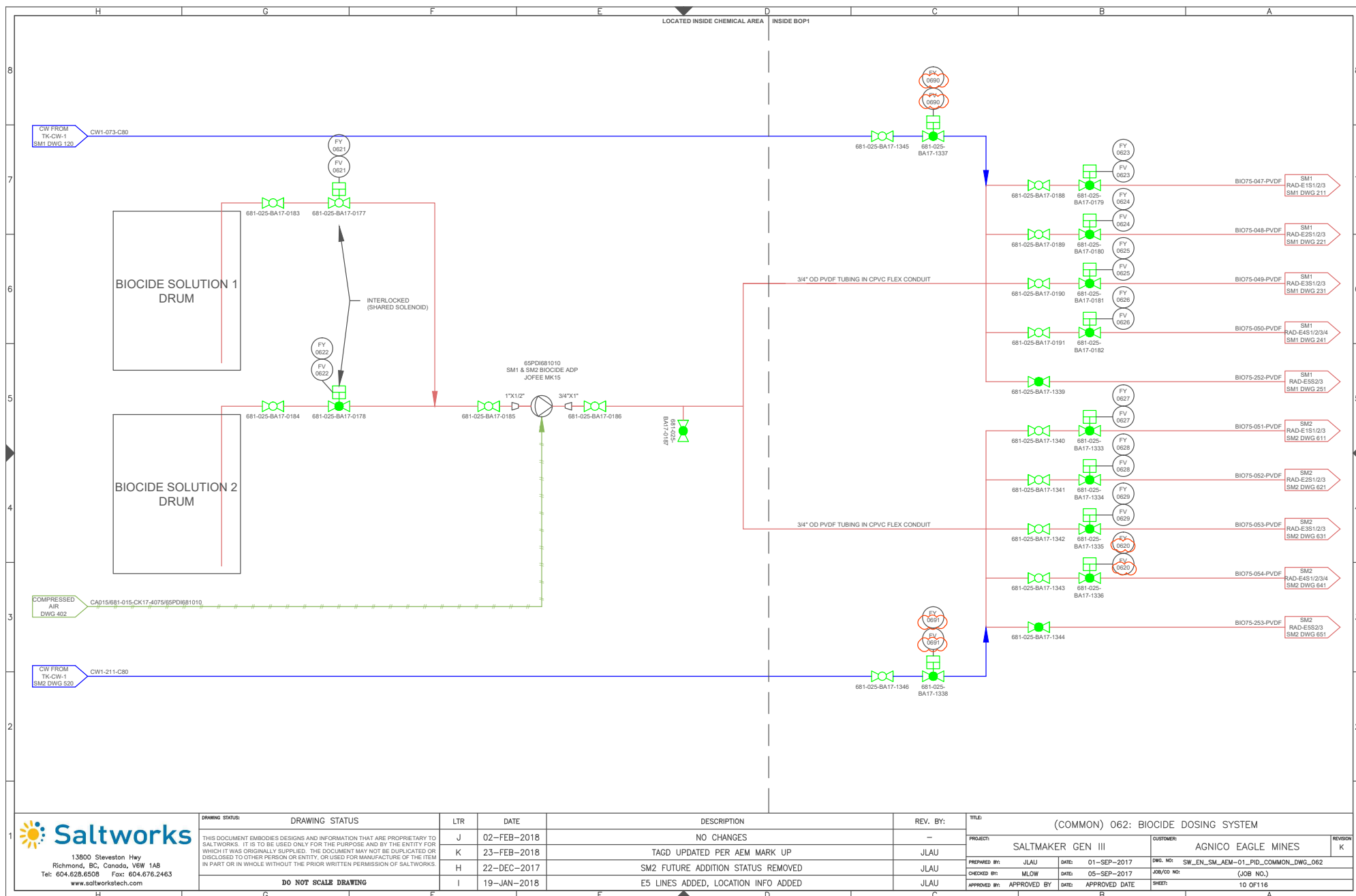
DRAWING STATUS:	DRAWING STATUS
J	02-FEB-2018
K	23-FEB-2018
H	22-DEC-2017
I	19-JAN-2018

LTR	DATE	DESCRIPTION
J	02-FEB-2018	NO CHANGES
K	23-FEB-2018	TAGS UPDATED PER AEM MARK UP
H	22-DEC-2017	SM2 FUTURE ADDITION STATUS REMOVED
I	19-JAN-2018	VALVE TYPE UPDATED

REV. BY:	TITLE:	PROJECT:	CUSTOMER:	REVISION
JLAU	(COMMON) 041: PLANT FEED PUMP SKIDS	SALTMAKER GEN III	AGNICO EAGLE MINES	K
JLAU		PREPARED BY:	DATE:	DWG. NO:
JLAU		ML0W	01-SEP-2017	SW_LEN_SM_AEM-01_PID_COMMON_DWG_041
JLAU		APPROVED BY:	DATE:	JOB/CO NO:
JLAU		APPROVED DATE	05-SEP-2017	(JOB NO.)
JLAU		APPROVED DATE		SHEET: 6 OF 116

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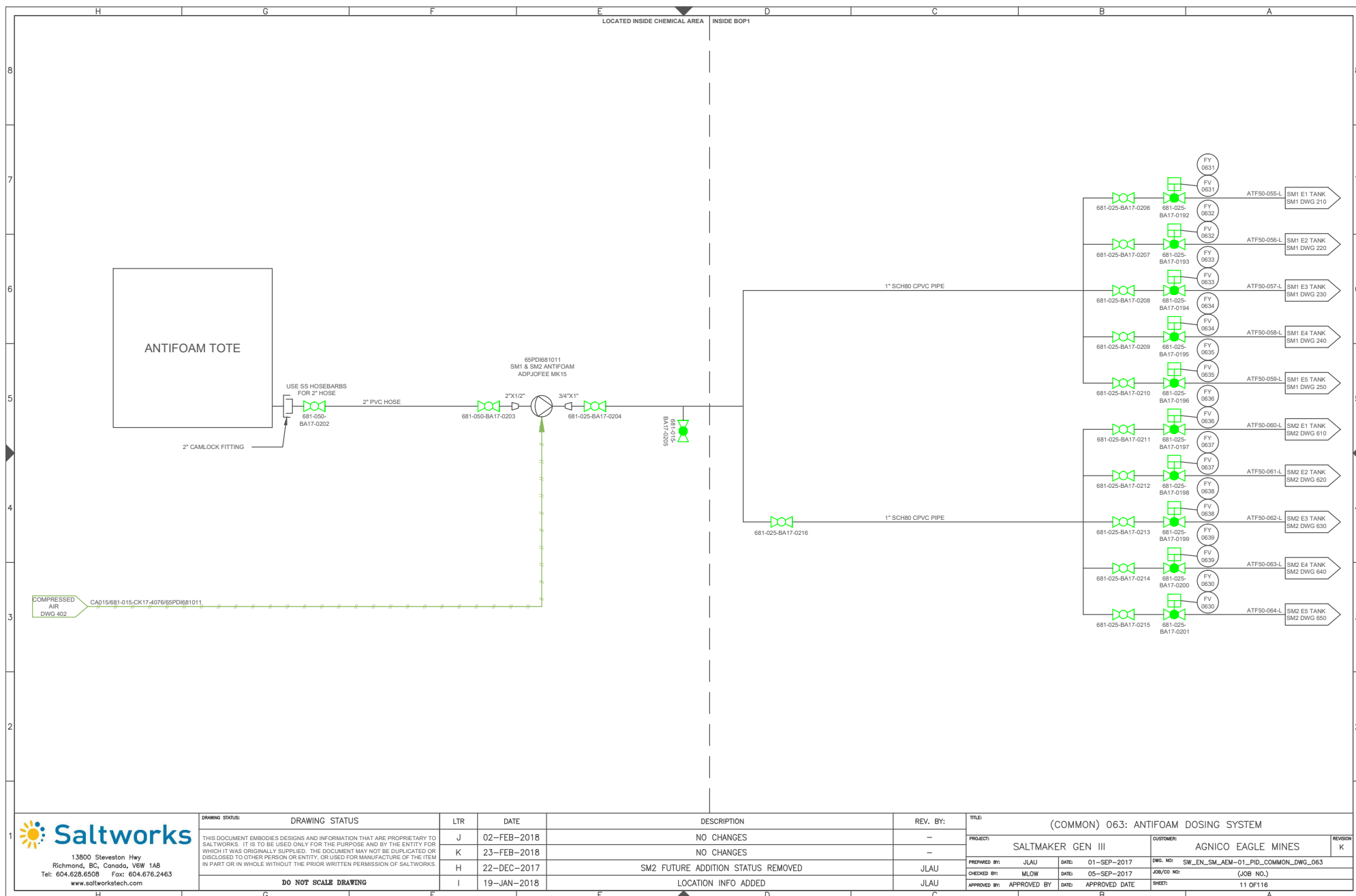




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	K	23-FEB-2018	TAGD UPDATED PER AEM MARK UP	JLAU	PROJECT: SALTMAKER GEN III
	H	22-DEC-2017	SM2 FUTURE ADDITION STATUS REMOVED	JLAU	CUSTOMER: AGNICO EAGLE MINES
	I	19-JAN-2018	E5 LINES ADDED, LOCATION INFO ADDED	JLAU	PREPARED BY: JLAU DATE: 01-SEP-2017 DWG. NO: SW_EN_SM_AEM-01_PID_COMMON_DWG_062
					CHECKED BY: MLOW DATE: 05-SEP-2017 JOB/CD NO: (JOB NO.)
					APPROVED BY: APPROVED BY DATE: APPROVED DATE SHEET: 10 OF 116

REVISION K

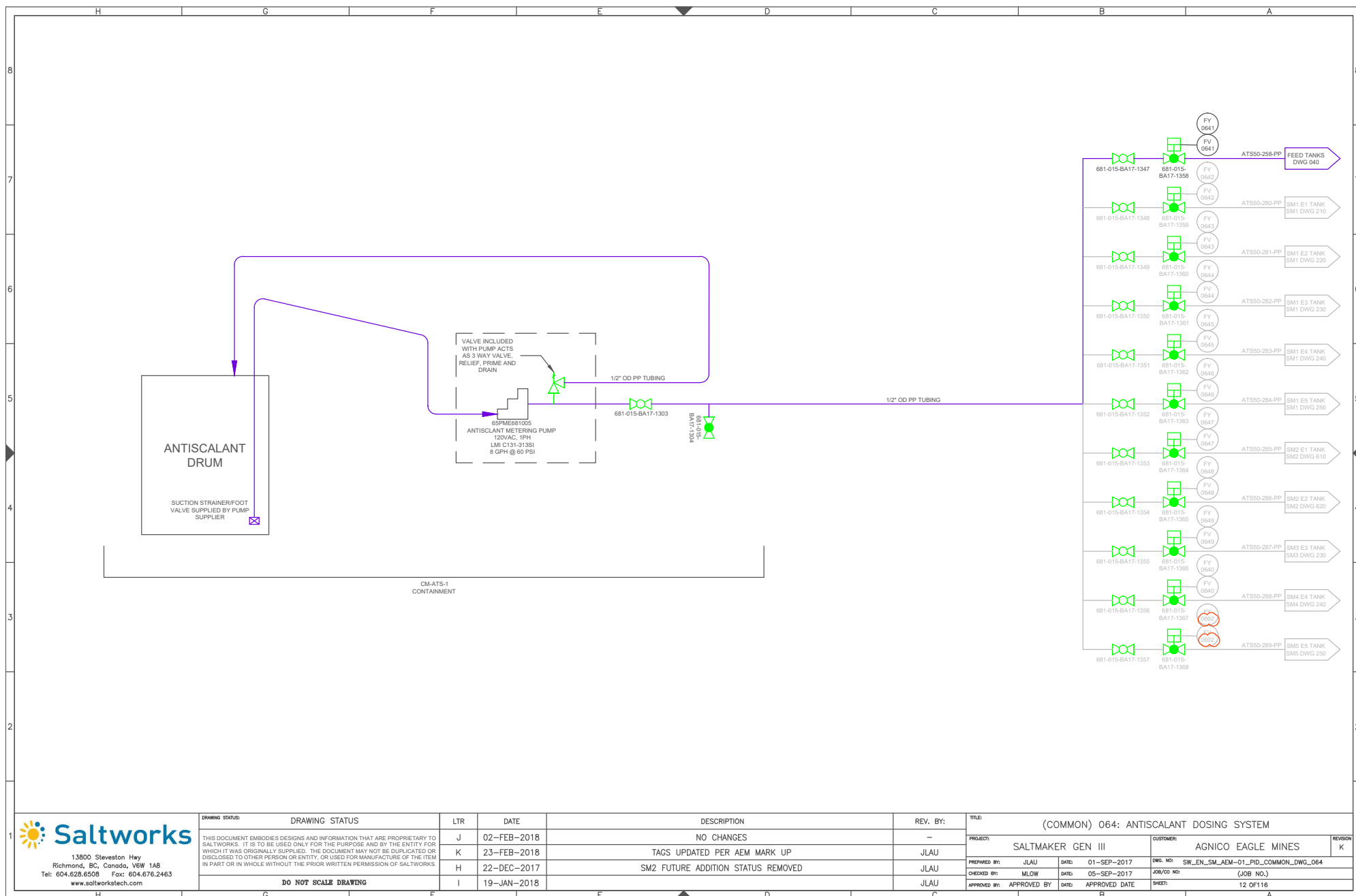


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		K	23-FEB-2018
		H	22-DEC-2017
		I	19-JAN-2018
	DO NOT SCALE DRAWING		

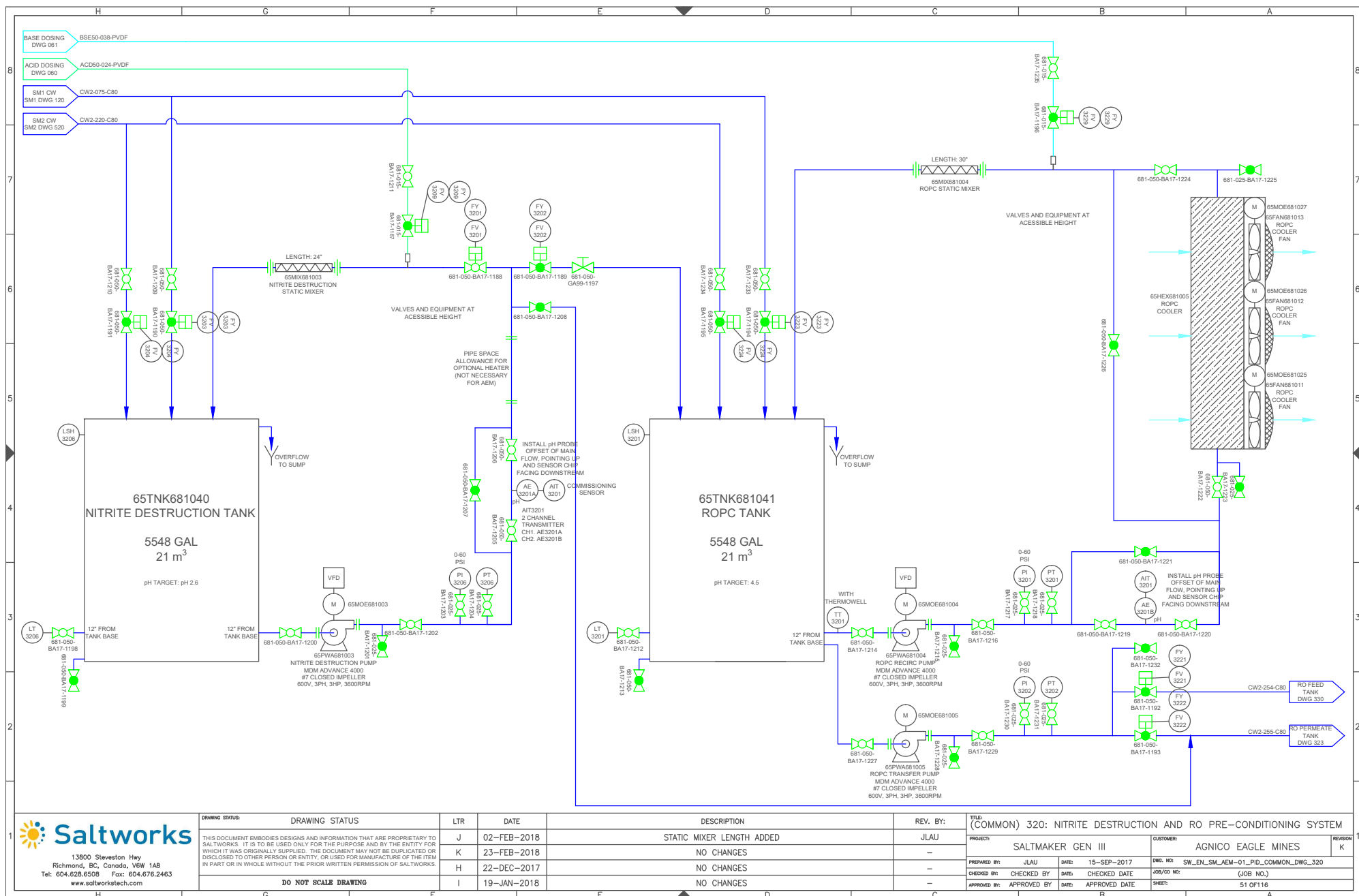
LTR	DATE	DESCRIPTION	REV. BY:
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K	23-FEB-2018	NO CHANGES	-
H	22-DEC-2017	SM2 FUTURE ADDITION STATUS REMOVED	JLAU
I	19-JAN-2018	LOCATION INFO ADDED	JLAU

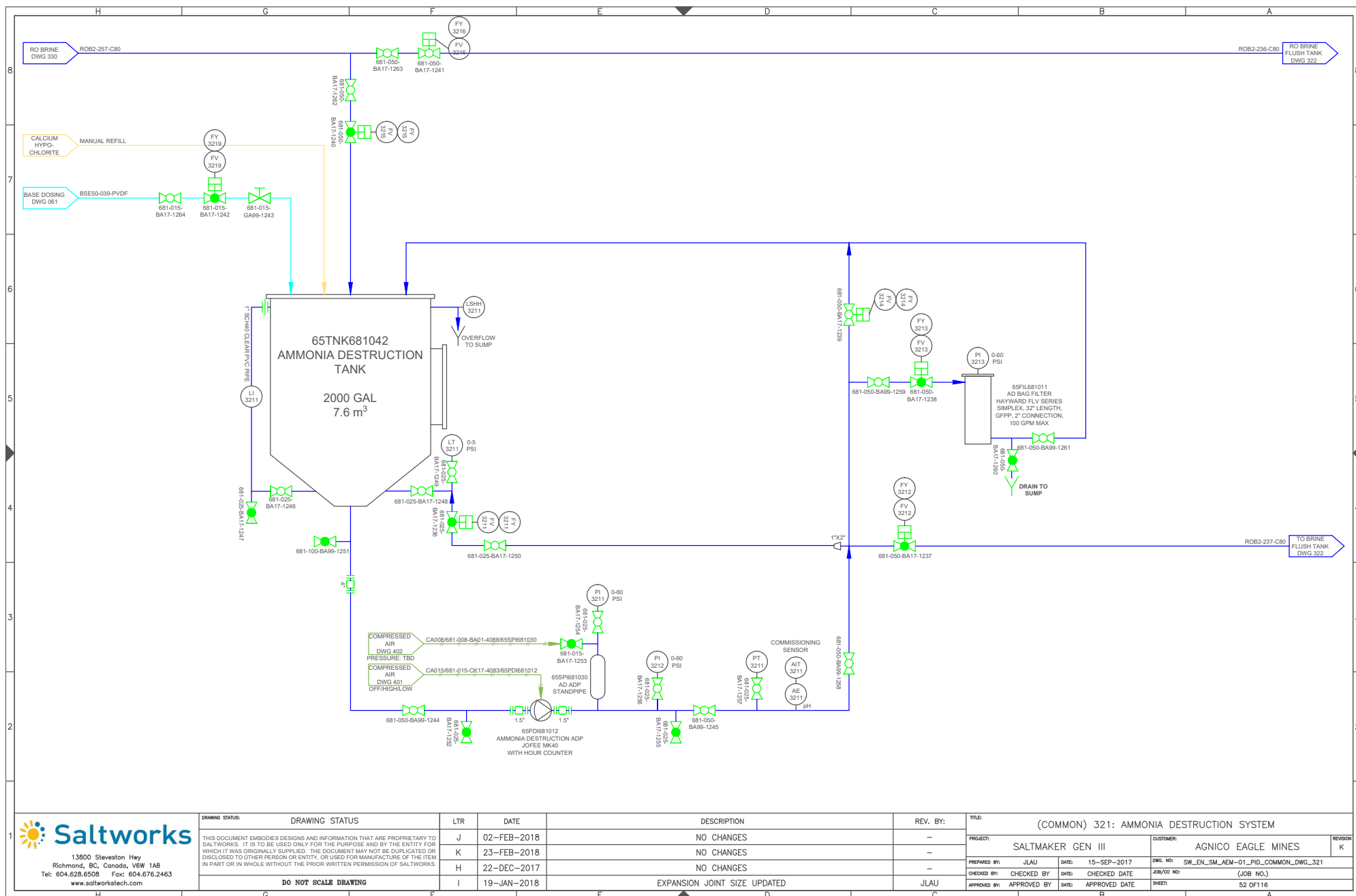
TITLE:	(COMMON) 063: ANTIFOAM DOSING SYSTEM	REVISION	1
PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES
PREPARED BY:	JLAU	DATE:	01-SEP-2017
CHECKED BY:	MLOW	DATE:	05-SEP-2017
APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE
DWG. NO:	SW_EN_SM_AEM-01_PID_COMMON_DWG_063	JOB/CD NO:	(JOB NO.)
SHEET:	11 OF 116		



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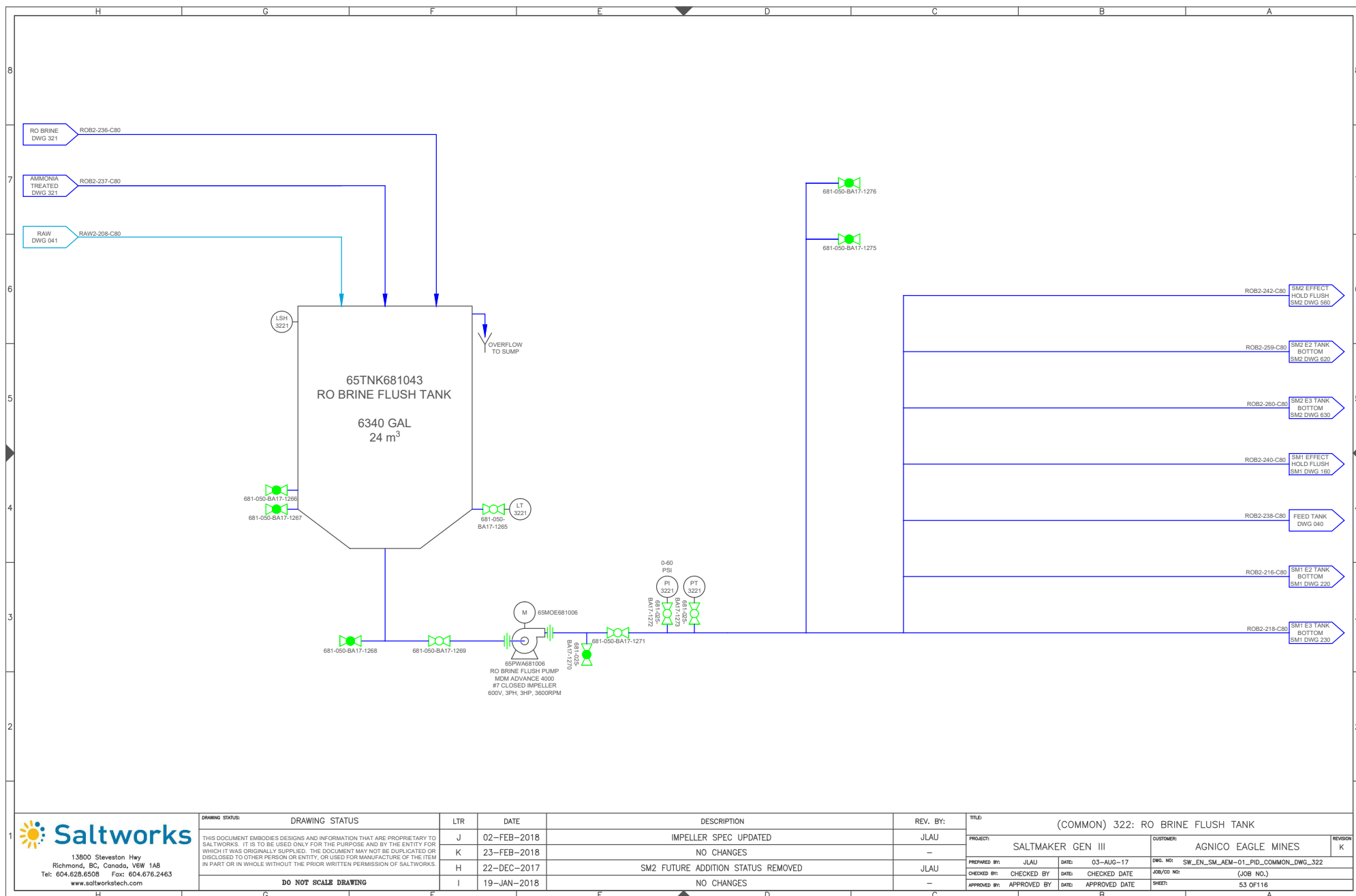
DRAWING STATUS:	DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE:
		J	02-FEB-2018	NO CHANGES	-	(COMMON) 064: ANTISCALANT DOSING SYSTEM
		K	23-FEB-2018	TAGS UPDATED PER AEM MARK UP	JLAU	PROJECT: SALTMAKER GEN III
		H	22-DEC-2017	SM2 FUTURE ADDITION STATUS REMOVED	JLAU	CUSTOMER: AGNICO EAGLE MINES
		I	19-JAN-2018		JLAU	DWG. NO: SW_EN_SM_AEM-01_PID_COMMON_DWG_064
	DO NOT SCALE DRAWING					JOB/COD NO: (JOB NO.)
						APPROVED BY: APPROVED DATE
						SHEET: 12 OF 116





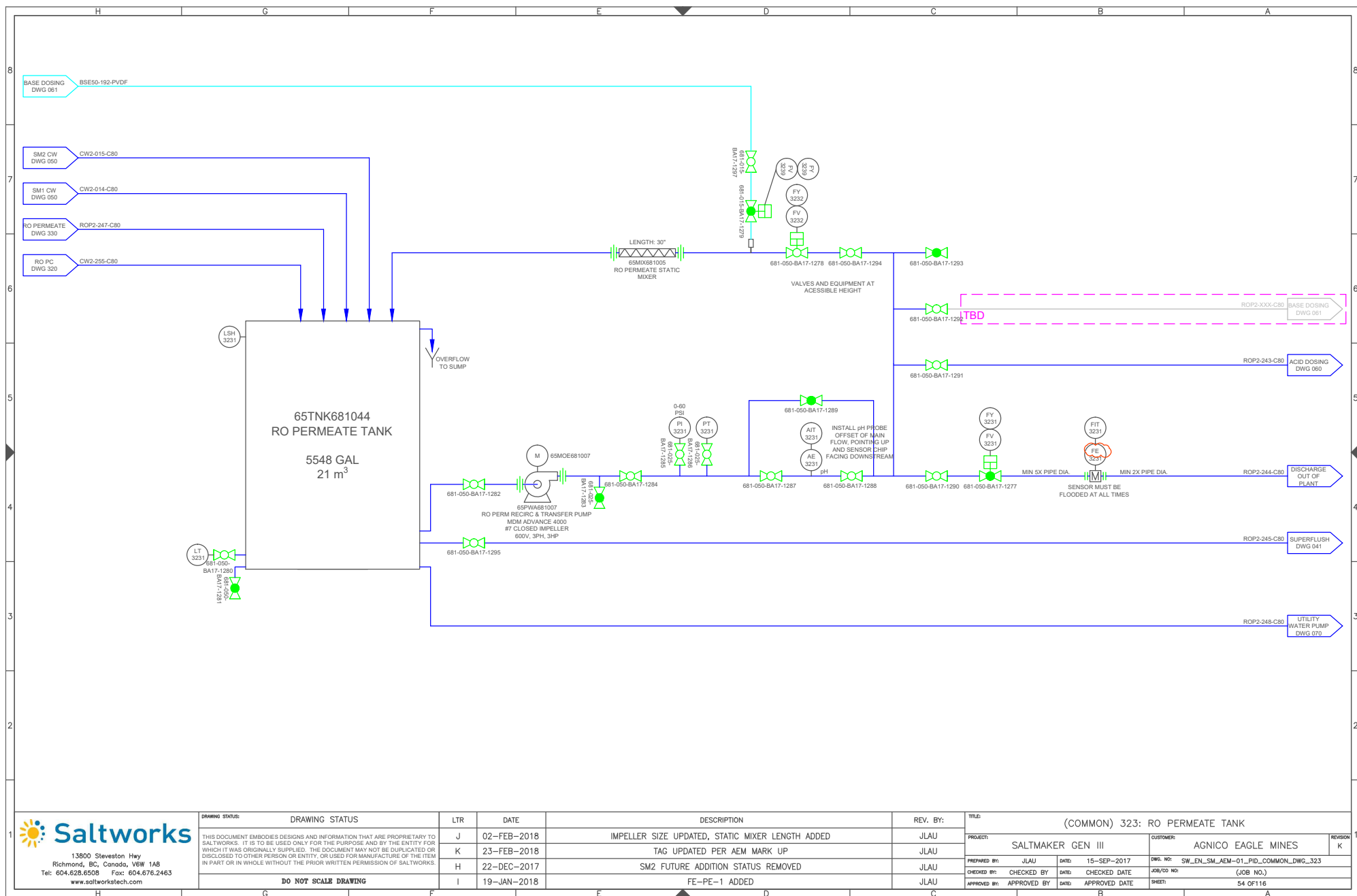
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	K	23-FEB-2018	NO CHANGES	-				
	H	22-DEC-2017	NO CHANGES	-				
	I	19-JAN-2018	EXPANSION JOINT SIZE UPDATED	JLAU				
DO NOT SCALE DRAWING								
PREPARED BY: JLAU	DATE: 15-SEP-2017	DWG. NO: SW_EN_SM_AEM-01_PID_COMMON_DWG_321	CHECKED BY:	CHECKED DATE:	JOB/CD NO:	(JOB NO.)	APPROVED BY:	APPROVED DATE:
APPROVED BY:	APPROVED DATE:	SHEET:	52 OF 116					



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		K	23-FEB-2018	NO CHANGES	-	PREPARED BY: JLAU		DATE: 03-AUG-17		
		H	22-DEC-2017	SM2 FUTURE ADDITION STATUS REMOVED	JLAU	CHECKED BY:		DATE: CHECKED DATE		
		I	19-JAN-2018	NO CHANGES	-	APPROVED BY:		DATE: APPROVED DATE		
DO NOT SCALE DRAWING						JOB/CD NO: SW_EN_SM_AEM-01_PID_COMMON_DWG_322		JOB NO: (JOB NO.)		
						SHEET: 53 OF 116				





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AGNICO EAGLE MINES P&ID DRAWING PACKAGE

SALTMAKER 1 (SM1) REVISION K



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☐ Complete, no further submission required.

By:

Date:

Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Supplier/Contractor. Agnico Eagle does not warrant the accuracy or completeness of any of the information contained herein, nor does Agnico Eagle authorize or approve any construction means, methods, techniques, sequences or any safety precautions or procedures.

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		K	23-FEB-2018	NO CHANGES	-	
		H	22-DEC-2017	AS MARKED BY REVISION CLOUDS	JLAU	
		I	19-JAN-2018	AS MARKED BY REVISION CLOUDS	JLAU	
	DO NOT SCALE DRAWING					

PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	REVISION
PREPARED BY:	JLAU	DATE:	1-SEP-2017	DWG. NO:
CHECKED BY:	MLOW	DATE:	5-SEP-2017	JOB/CD NO:
APPROVED BY:		DATE:	APPROVED DATE	SHEET:
				# OF #

DRAWING LIST 1

SHEET NO.	DRAWING NO.	DESCRIPTION	SHEET NO.	DRAWING NO.	DESCRIPTION
		COVER SHEET	35	SW_EN_SM_AEM-01_PID_SM1_DWG_230	EFFECT 3 TANK AND PUMPS
		DRAWING LIST 1	36	SW_EN_SM_AEM-01_PID_SM1_DWG_231	EFFECT 3 MODULES
		DRAWING LIST 2	37	SW_EN_SM_AEM-01_PID_SM1_DWG_232	EFFECT 3 SOLIDS EXTRACTION
		LEGEND	38	SW_EN_SM_AEM-01_PID_SM1_DWG_233	EFFECT 3 PUMP SEAL FLUSH
			39	SW_EN_SM_AEM-01_PID_SM1_DWG_234	EFFECT 3 AIR SEALS
		<u>COMMON</u>			
1	SW_EN_SM_AEM-01_PID_COMMON_DWG_000	MASTER PFD	40	SW_EN_SM_AEM-01_PID_SM1_DWG_240	EFFECT 4 TANK AND PUMPS
2	SW_EN_SM_AEM-01_PID_COMMON_DWG_010	PROCESS FLOW DIAGRAM	41	SW_EN_SM_AEM-01_PID_SM1_DWG_241	EFFECT 4 MODULES
3	SW_EN_SM_AEM-01_PID_COMMON_DWG_020	CONTAINER LAYOUT	42	SW_EN_SM_AEM-01_PID_SM1_DWG_243	EFFECT 4 PUMP SEAL FLUSH
4	SW_EN_SM_AEM-01_PID_COMMON_DWG_030	MODULES LAYOUT	43	SW_EN_SM_AEM-01_PID_SM1_DWG_244	EFFECT 4 AIR SEALS
5	SW_EN_SM_AEM-01_PID_COMMON_DWG_040	PLANT FEED TANKS			
6	SW_EN_SM_AEM-01_PID_COMMON_DWG_041	PLANT FEED PUMP SKIDS	44	SW_EN_SM_AEM-01_PID_SM1_DWG_250	EFFECT 5 TANK AND PUMPS
7	SW_EN_SM_AEM-01_PID_COMMON_DWG_050	CLEAN RESERVE AND BLOWDOWN SYSTEMS	45	SW_EN_SM_AEM-01_PID_SM1_DWG_251	EFFECT 5 MODULES
8	SW_EN_SM_AEM-01_PID_COMMON_DWG_060	ACID DOSING SYSTEM	46	SW_EN_SM_AEM-01_PID_SM1_DWG_253	EFFECT 5 PUMP SEAL FLUSH
9	SW_EN_SM_AEM-01_PID_COMMON_DWG_061	BASE DOSING SYSTEM	47	SW_EN_SM_AEM-01_PID_SM1_DWG_254	EFFECT 5 AIR SEALS
10	SW_EN_SM_AEM-01_PID_COMMON_DWG_062	BIOCIDE DOSING SYSTEM			
11	SW_EN_SM_AEM-01_PID_COMMON_DWG_063	ANTIFOAM DOSING SYSTEM			<u>THERMAL SYSTEM</u>
12	SW_EN_SM_AEM-01_PID_COMMON_DWG_064	ANTISCALANT DOSING SYSTEM	48	SW_EN_SM_AEM-01_PID_DWG_310	THERMAL SKID: WATER LOOP
13	SW_EN_SM_AEM-01_PID_COMMON_DWG_070	UTILITY WATER DISTRIBUTION	49	SW_EN_SM_AEM-01_PID_DWG_311	THERMAL SKID: WATER LOOP
			50	SW_EN_SM_AEM-01_PID_DWG_312	THERMAL SKID: GYLCOL LOOP
		<u>SALTMAKER 1 (SM1)</u>			
14	SW_EN_SM_AEM-01_PID_SM1_DWG_110	THERMAL SOURCE PRIMARY HEAT EXCHANGERS			<u>POST TREATMENT</u>
15	SW_EN_SM_AEM-01_PID_SM1_DWG_120	CONDENSED WATER SYSTEM	51	SW_EN_SM_AEM-01_PID_COMMON_DWG_320	NITRITE DESTRUCTION AND RO PC SYSTEM
16	SW_EN_SM_AEM-01_PID_SM1_DWG_130	FEED DISTRIBUTION	52	SW_EN_SM_AEM-01_PID_COMMON_DWG_321	AMMONIA DESTRUCTION SYSTEM
17	SW_EN_SM_AEM-01_PID_SM1_DWG_150	CIP TANKS	53	SW_EN_SM_AEM-01_PID_COMMON_DWG_322	RO BRINE FLUSH TANK
18	SW_EN_SM_AEM-01_PID_SM1_DWG_151	CIP PUMP SKID	54	SW_EN_SM_AEM-01_PID_COMMON_DWG_323	RO PERMEATE TANK
19	SW_EN_SM_AEM-01_PID_SM1_DWG_160	EFFECT HOLD 1			
20	SW_EN_SM_AEM-01_PID_SM1_DWG_161	EFFECT HOLD 2			<u>COMPRESSED AIR-COMMON PACKAGE</u>
21	SW_EN_SM_AEM-01_PID_SM1_DWG_162	SYSTEM HOLD	55	SW_EN_SM_AEM-01_PID_COMPRESSED_AIR-COMMON_DWG_400	COMPRESSED AIR SYSTEM
22	SW_EN_SM_AEM-01_PID_SM1_DWG_163	CALCIUM EXTRACTION	56	SW_EN_SM_AEM-01_PID_COMPRESSED_AIR-COMMON_DWG_401	AMMONIA DES, BRINE BLOWDOWN AND PLANT FEED AIR
23	SW_EN_SM_AEM-01_PID_SM1_DWG_164	EH1 SOLIDS EXTRACTION	57	SW_EN_SM_AEM-01_PID_COMPRESSED_AIR-COMMON_DWG_402	CHEMICAL DOSING AND ANCILLARY STAND PIPE AIR
24	SW_EN_SM_AEM-01_PID_SM1_DWG_165	EH2 SOLIDS EXTRACTION	58	SW_EN_SM_AEM-01_PID_COMPRESSED_AIR-COMMON_DWG_403	COMMON AND POST TREATMENT AIR BANK
25	SW_EN_SM_AEM-01_PID_SM1_DWG_180	DRIP TRAYS			
26	SW_EN_SM_AEM-01_PID_SM1_DWG_210	EFFECT 1 TANK AND PUMPS			<u>COMPRESSED AIR-SM1</u>
27	SW_EN_SM_AEM-01_PID_SM1_DWG_211	EFFECT 1 MODULES	59	SW_EN_SM_AEM-01_PID_COMPRESSED_AIR-SM1_DWG_410	SM INSTRUMENT AND PROCESS AIR
28	SW_EN_SM_AEM-01_PID_SM1_DWG_213	EFFECT 1 PUMP SEAL FLUSH	60	SW_EN_SM_AEM-01_PID_COMPRESSED_AIR-SM1_DWG_411	EH1/EH2 EXTRACT AND CIP AIR
29	SW_EN_SM_AEM-01_PID_SM1_DWG_214	EFFECT 1 AIR SEALS			
30	SW_EN_SM_AEM-01_PID_SM1_DWG_220	EFFECT 2 TANK AND PUMPS			
31	SW_EN_SM_AEM-01_PID_SM1_DWG_221	EFFECT 2 MODULES			
32	SW_EN_SM_AEM-01_PID_SM1_DWG_222	EFFECT 2 SOLIDS EXTRACTION			
33	SW_EN_SM_AEM-01_PID_SM1_DWG_223	EFFECT 2 PUMP SEAL FLUSH			
34	SW_EN_SM_AEM-01_PID_SM1_DWG_224	EFFECT 2 AIR SEALS			



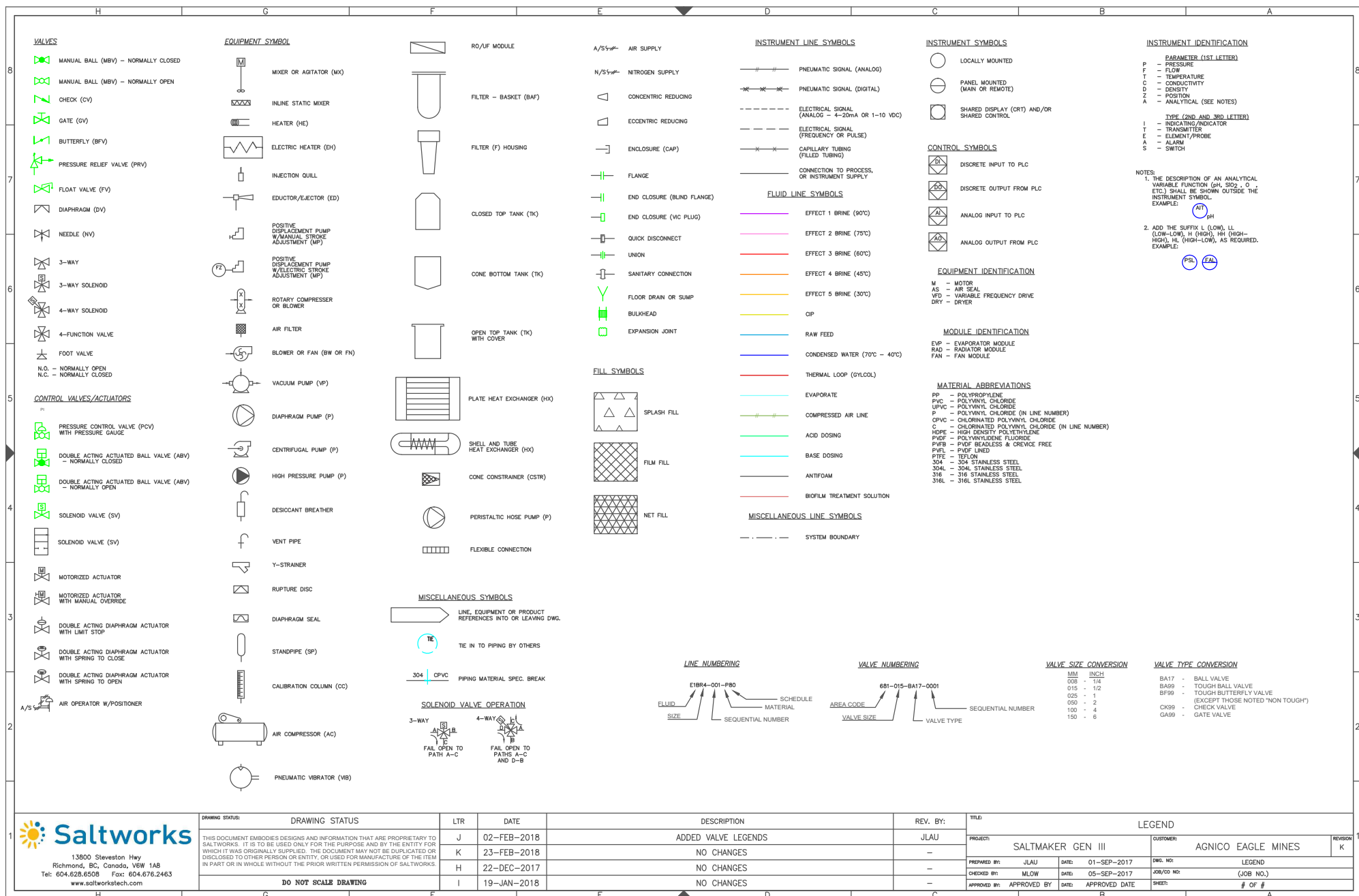
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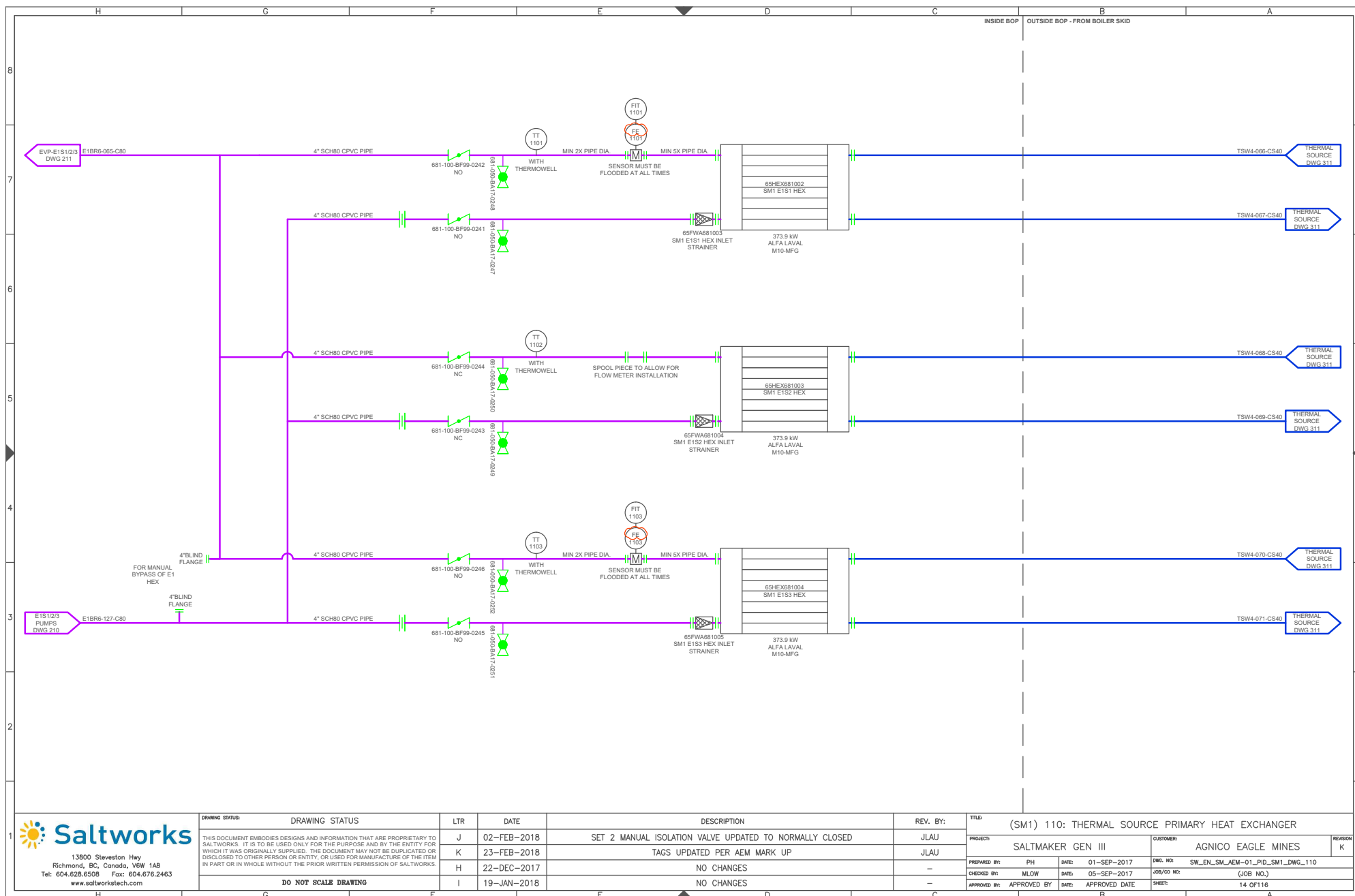
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		K	23-FEB-2018	NO CHANGES	-	PROJECT: SALTMAKER GEN III
		H	22-DEC-2017	ADDED SM2	JLAU	CUSTOMER: AGNICO EAGLE MINES
		I	19-JAN-2018	UPDATED DWG NUMBERS	JLAU	REVISION K
	DO NOT SCALE DRAWING					PREPARED BY: JLAU
						CHECKED BY: MLOW
						DATE: 01-SEP-2017
						DWG. NO: DRAWING LIST 1
						DATE: 05-SEP-2017
						JOB/CD NO: (JOB NO.)
						APPROVED BY: APPROVED BY
						DATE: APPROVED DATE
						SHEET: # OF #

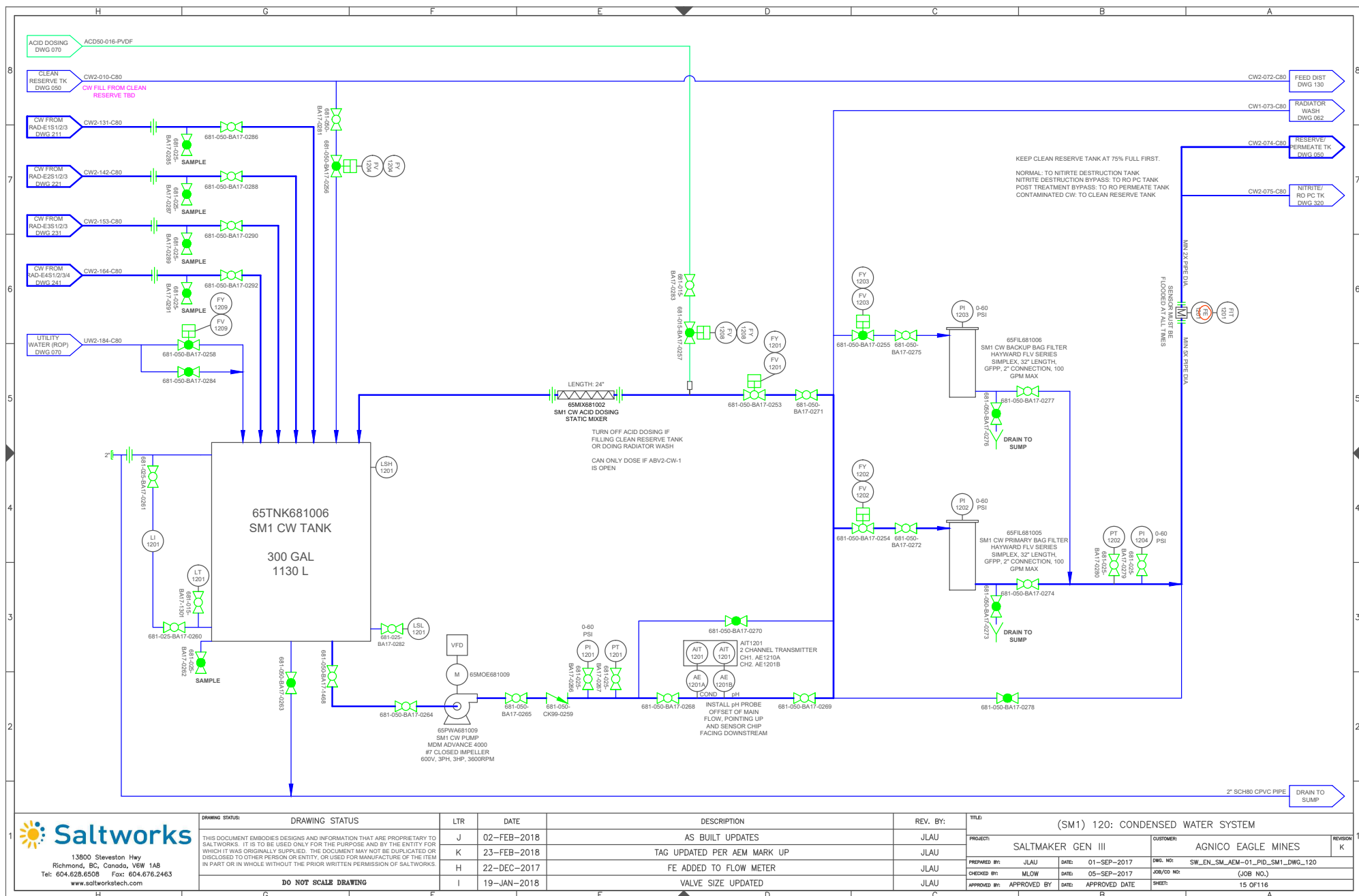
DRAWING LIST 2

SHEET NO.	DRAWING NO.	DESCRIPTION	SHEET NO.	DRAWING NO.	DESCRIPTION
61	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_412	EH1/EH2 EXTRACT AND CIP AIR	83	SW_EN_SM_AEM-01_PID_SM2_DWG_510	SALTMAKER 2 (SM2)
62	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_413	PLUG PREVENTION PUMP AIR	84	SW_EN_SM_AEM-01_PID_SM2_DWG_520	THERMAL SOURCE PRIMARY HEAT EXCHANGERS
63	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_414	AIR SEAL, STAND PIPE AND E2/E3 SE AIR	85	SW_EN_SM_AEM-01_PID_SM2_DWG_530	CONDENSED WATER SYSTEM
64	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_415	UTILITY AIR	86	SW_EN_SM_AEM-01_PID_SM2_DWG_550	FEED DISTRIBUTION
65	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_416	BOP1 AIR SOLENOID BANK	87	SW_EN_SM_AEM-01_PID_SM2_DWG_551	CIP TANKS
66	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_417	E2/E3 SE AIR SOLENOID BANK	88	SW_EN_SM_AEM-01_PID_SM2_DWG_560	CIP PUMP SKID
67	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_418	BOP2 AIR SOLENOID BANK	89	SW_EN_SM_AEM-01_PID_SM2_DWG_561	EFFECT HOLD 1
68	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_419	BOP3 AIR SOLENOID BANK	90	SW_EN_SM_AEM-01_PID_SM2_DWG_562	EFFECT HOLD 2
69	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_420	CIP, EH/SY AIR SOLENOID BANK	91	SW_EN_SM_AEM-01_PID_SM2_DWG_563	SYSTEM HOLD
70	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_421	H1/H2 SE AIR SOLENOID BANK	92	SW_EN_SM_AEM-01_PID_SM2_DWG_564	CALCIUM EXTRACTION
		<u>COMPRESSED AIR-SM2</u>	93	SW_EN_SM_AEM-01_PID_SM2_DWG_565	EH1 SOLIDS EXTRACTION
71	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_450	SM INSTRUMENT AND PROCESS AIR	94	SW_EN_SM_AEM-01_PID_SM2_DWG_580	EH2 SOLIDS EXTRACTION
72	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_451	EH1/EH2 EXTRACT AND CIP AIR			DRIP TRAYS
73	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_452	EFFECT/SYSTEM HOLD AND CAL EXTRACTION AIR	95	SW_EN_SM_AEM-01_PID_SM2_DWG_610	EFFECT 1 TANK AND PUMPS
74	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_453	PLUG PREVENTION PUMP AIR	96	SW_EN_SM_AEM-01_PID_SM2_DWG_611	EFFECT 1 MODULES
75	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_454	AIR SEAL, STAND PIPE AND E2/E3 SE AIR	97	SW_EN_SM_AEM-01_PID_SM2_DWG_613	EFFECT 1 PUMP SEAL FLUSH
76	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_455	UTILITY AIR	98	SW_EN_SM_AEM-01_PID_SM2_DWG_614	EFFECT 1 AIR SEALS
77	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_456	BOP1 AIR SOLENOID BANK	99	SW_EN_SM_AEM-01_PID_SM2_DWG_620	EFFECT 2 TANK AND PUMPS
78	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_457	E2/E3 SE AIR SOLENOID BANK	100	SW_EN_SM_AEM-01_PID_SM2_DWG_621	EFFECT 2 MODULES
79	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_458	BOP2 AIR SOLENOID BANK	101	SW_EN_SM_AEM-01_PID_SM2_DWG_622	EFFECT 2 SOLIDS EXTRACTION
80	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_459	BOP3 AIR SOLENOID BANK	102	SW_EN_SM_AEM-01_PID_SM2_DWG_623	EFFECT 2 PUMP SEAL FLUSH
81	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_460	CIP, EH/SY AIR SOLENOID BANK	103	SW_EN_SM_AEM-01_PID_SM2_DWG_624	EFFECT 2 AIR SEALS
82	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_461	H1/H2 SE AIR SOLENOID BANK	104	SW_EN_SM_AEM-01_PID_SM2_DWG_630	EFFECT 3 TANK AND PUMPS
			105	SW_EN_SM_AEM-01_PID_SM2_DWG_631	EFFECT 3 MODULES
			106	SW_EN_SM_AEM-01_PID_SM2_DWG_632	EFFECT 3 SOLIDS EXTRACTION
			107	SW_EN_SM_AEM-01_PID_SM2_DWG_633	EFFECT 3 PUMP SEAL FLUSH
			108	SW_EN_SM_AEM-01_PID_SM2_DWG_634	EFFECT 3 AIR SEALS
			109	SW_EN_SM_AEM-01_PID_SM2_DWG_640	EFFECT 4 TANK AND PUMPS
			110	SW_EN_SM_AEM-01_PID_SM2_DWG_641	EFFECT 4 MODULES
			111	SW_EN_SM_AEM-01_PID_SM2_DWG_643	EFFECT 4 PUMP SEAL FLUSH
			112	SW_EN_SM_AEM-01_PID_SM2_DWG_644	EFFECT 4 AIR SEALS
			113	SW_EN_SM_AEM-01_PID_SM2_DWG_650	EFFECT 5 TANK AND PUMPS
			114	SW_EN_SM_AEM-01_PID_SM2_DWG_651	EFFECT 5 MODULES
			115	SW_EN_SM_AEM-01_PID_SM2_DWG_653	EFFECT 5 PUMP SEAL FLUSH
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					POST TREATMENT RO

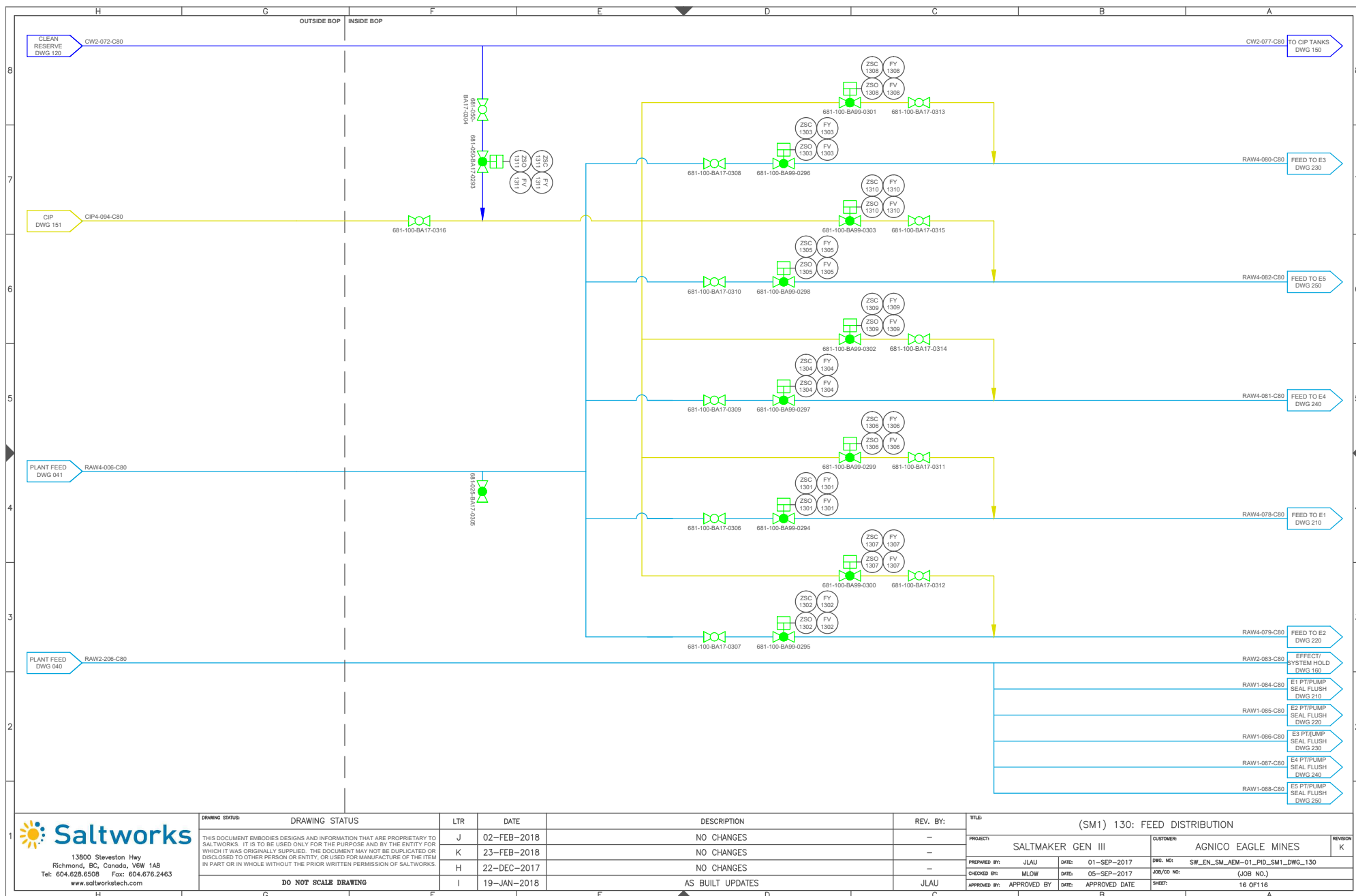
 13900 Steveston Hwy Richmond, BC, Canada, V6W 1A8 Tel: 604.628.6508 Fax: 604.676.2463 www.saltworkstech.com	DRAWING STATUS:	DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE: DRAWING LIST 2					
	THIS DOCUMENT EMBODIES DESIGNS AND INFORMATION THAT ARE PROPRIETARY TO SALTWORKS. IT IS TO BE USED ONLY FOR THE PURPOSE AND BY THE ENTITY FOR WHICH IT WAS ORIGINALLY SUPPLIED. THE DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO OTHER PERSON OR ENTITY, OR USED FOR MANUFACTURE OF THE ITEM IN PART OR IN WHOLE WITHOUT THE PRIOR WRITTEN PERMISSION OF SALTWORKS.		J	02-FEB-2018	NO CHANGES	--	PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	REVISION: K	
			K	23-FEB-2018	NO CHANGES	--	PREPARED BY:	JLAU	DATE:	01-SEP-2017	DWG. NO:	DRAWING LIST 2
			H	22-DEC-2017	ADDED SM2	JLAU	CHECKED BY:	MLOW	DATE:	05-SEP-2017	JOB/CD NO:	(JOB NO.)
			I	19-JAN-2018	UPDATED DWG NUMBERS	JLAU	APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE	SHEET:	# OF #
	DO NOT SCALE DRAWING											







DRAWING STATUS:		DRAWING STATUS		LTR	DATE	DESCRIPTION	REV. BY:	TITLE: (SM1) 120: CONDENSED WATER SYSTEM			
THIS DOCUMENT EMBODIES DESIGNS AND INFORMATION THAT ARE PROPRIETARY TO SALTWORKS. IT IS TO BE USED ONLY FOR THE PURPOSE AND BY THE ENTITY FOR WHICH IT WAS ORIGINALLY SUBMITTED. THE DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO OTHER PERSONS OR ENTITY, OR USED FOR MANUFACTURE OF THE ITEM IN PART OR IN WHOLE WITHOUT THE PRIOR WRITTEN PERMISSION OF SALTWORKS.		J	02-FEB-2018		AS BUILT UPDATES	JLAU	PROJECT: SALTMAKER GEN III		CUSTOMER: AGNICO EAGLE MINES	REVISION K	
		K	23-FEB-2018		TAG UPDATED PER AEM MARK UP	JLAU	PREPARED BY: JLAU		DATE: 01-SEP-2017	DWG. NO: SW_EN_SM_AEM-01_PID_SM1_DWG_120	
		H	22-DEC-2017		FE ADDED TO FLOW METER	JLAU	CHECKED BY: MLOW	DATE: 05-SEP-2017	JOB/CD NO: (JOB NO.)		
		I	19-JAN-2018		VALVE SIZE UPDATED	JLAU	APPROVED BY: [Signature]	DATE: APPROVED DATE	SHEET: 15 OF 116		
DO NOT SCALE DRAWING											

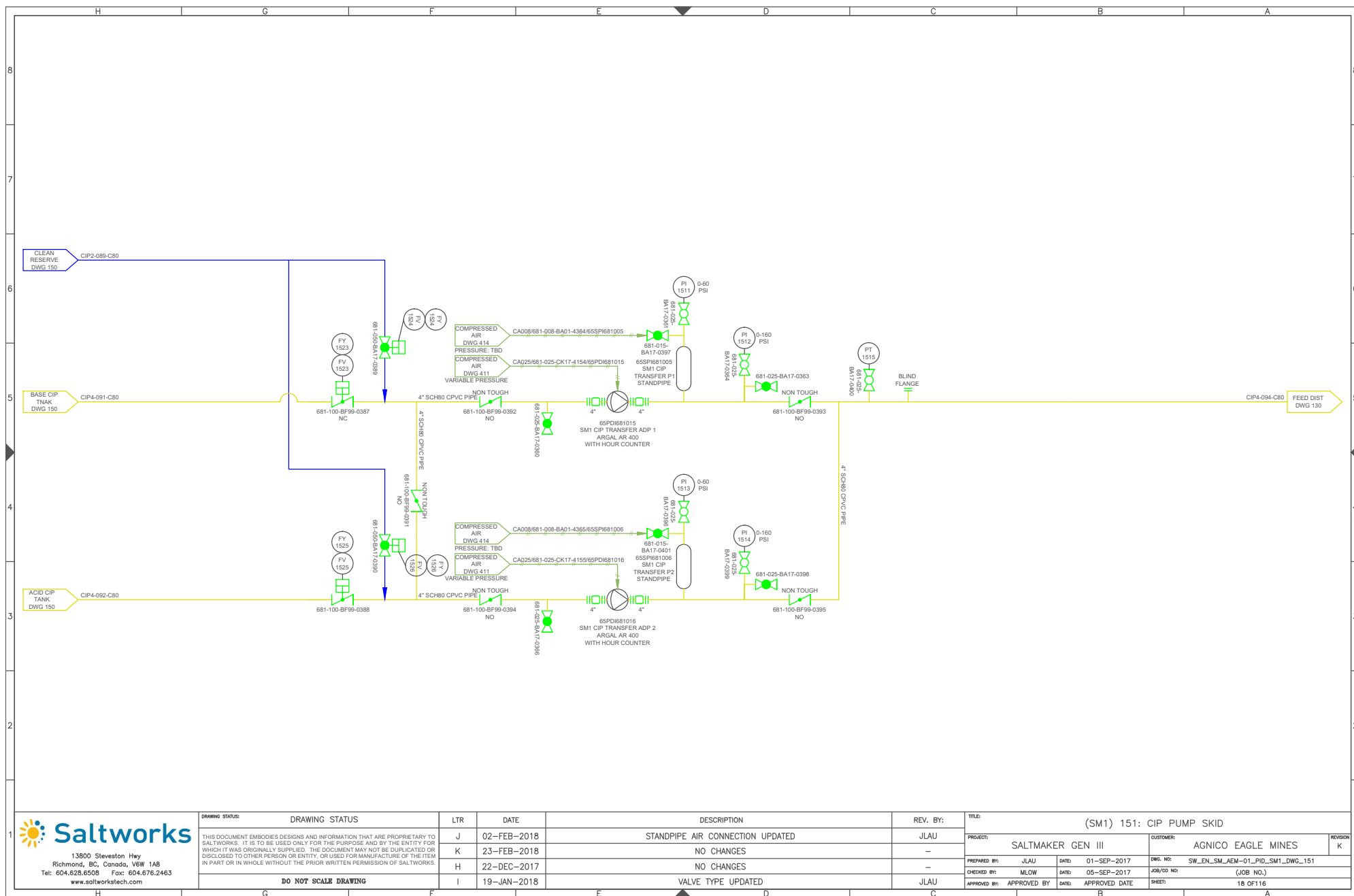


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DRAWING STATUS:	DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:
		J	02-FEB-2018	NO CHANGES	-
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		H	22-DEC-2017	NO CHANGES	-
		I	19-JAN-2018	AS BUILT UPDATES	JLAU

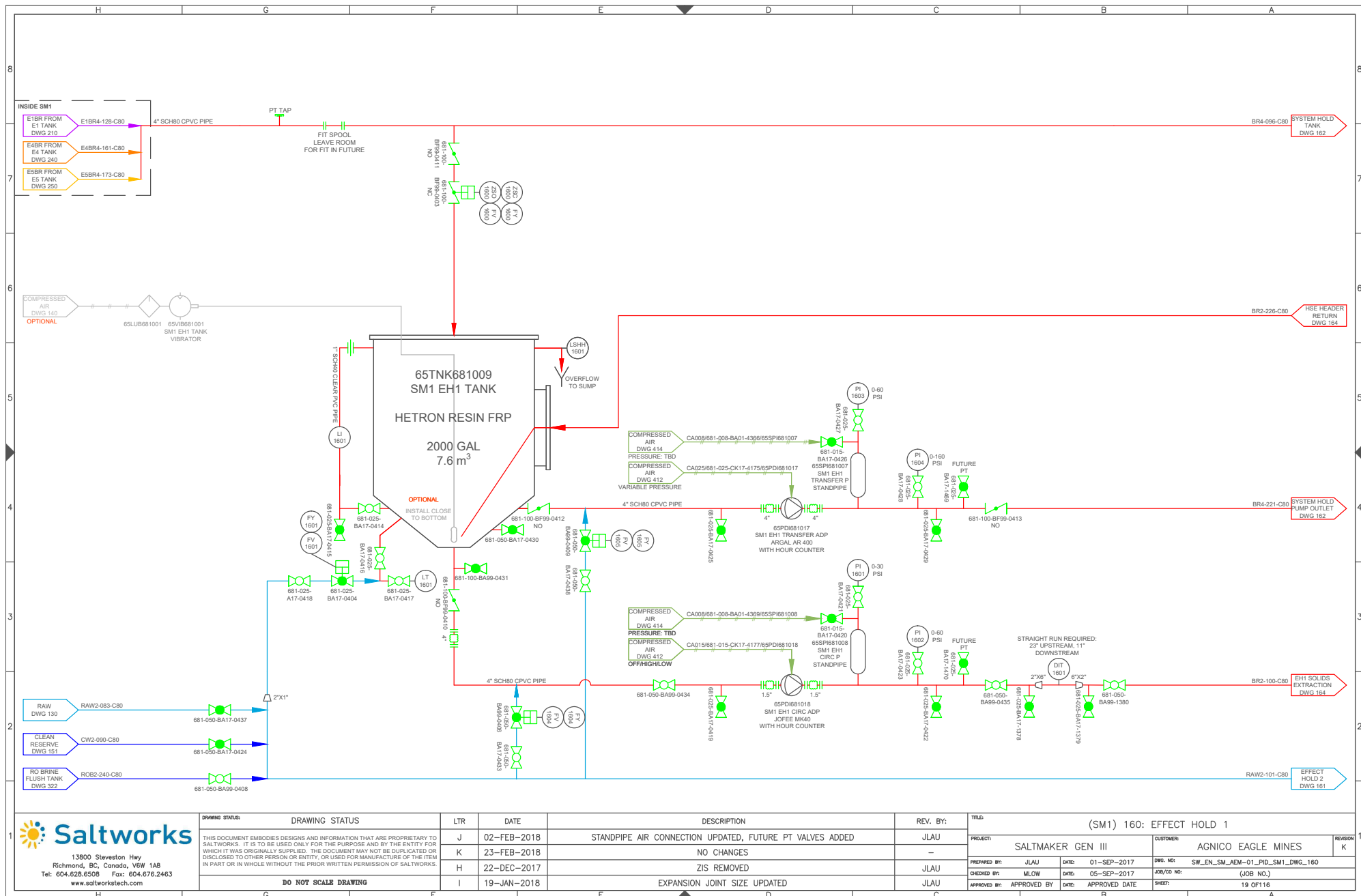
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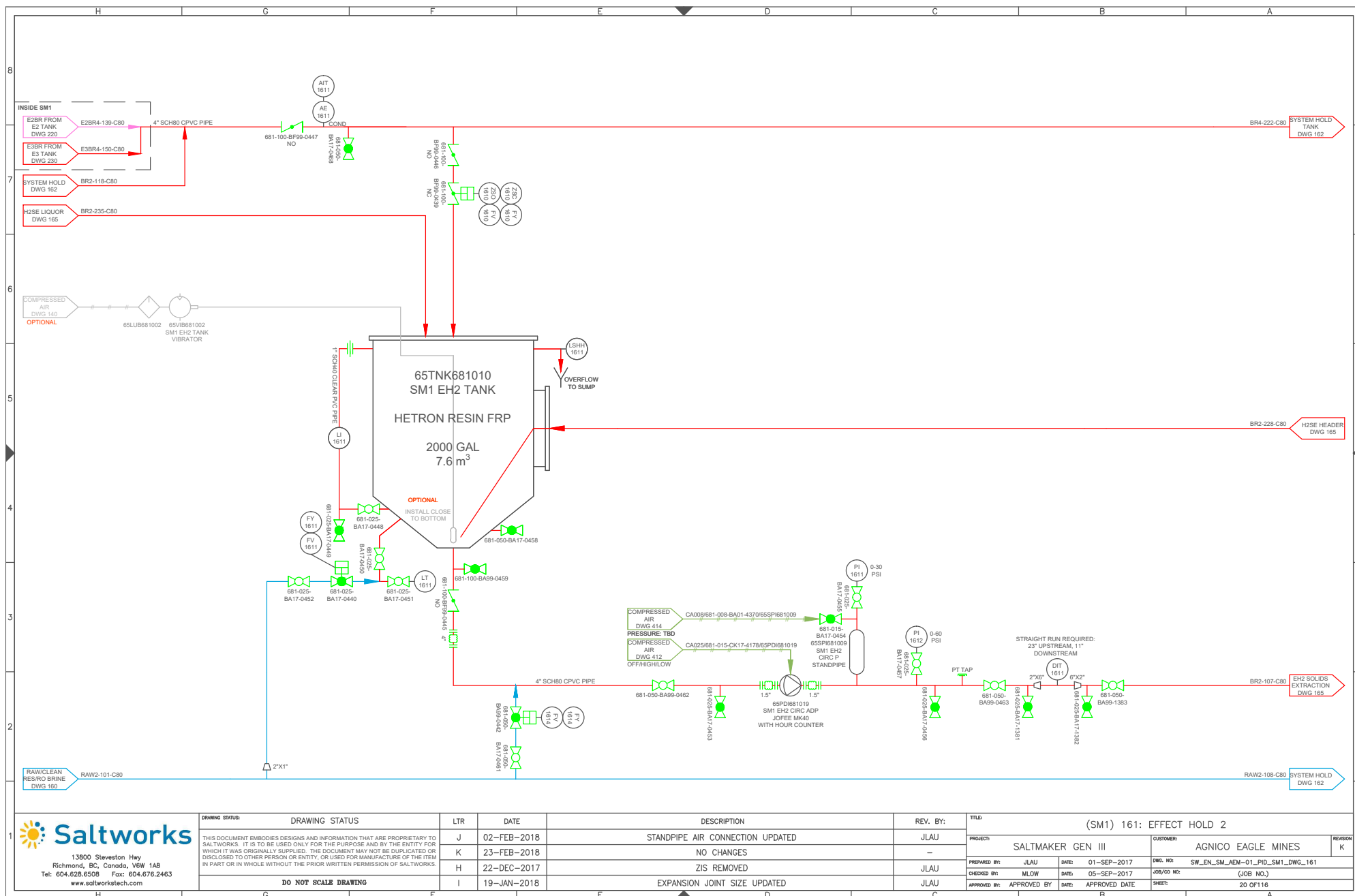
TITLE: (SM1) 130: FEED DISTRIBUTION				REVISION
PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	K
PREPARED BY:	JLAU	DATE:	01-SEP-2017	DWG. NO:
CHECKED BY:	MLOW	DATE:	05-SEP-2017	JOB/CD NO:
APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE	SHEET:
				16 OF 116

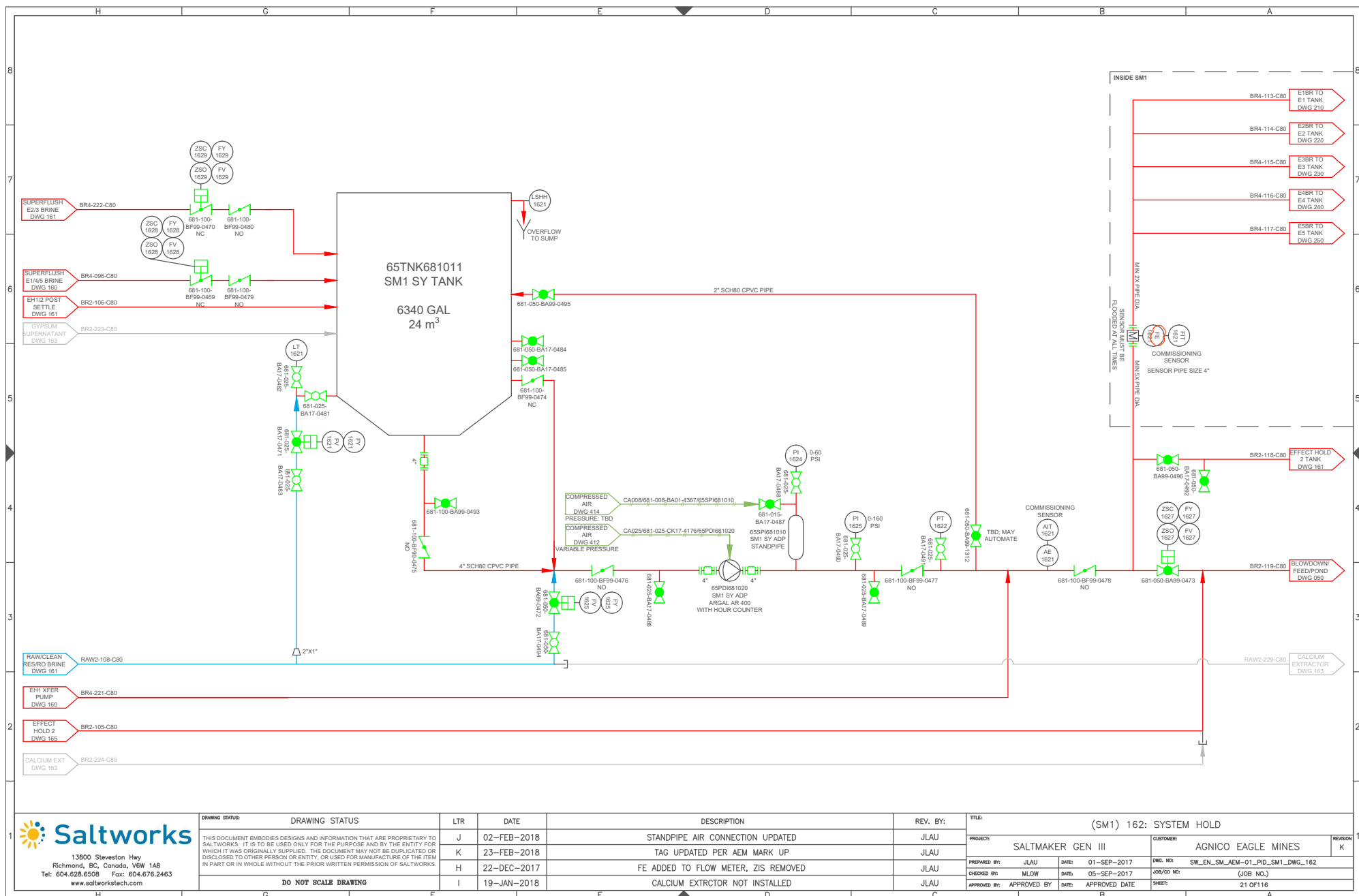


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DRAWING STATUS		LTR	DATE	DESCRIPTION	REV. BY:	TITLE: (SM1) 151: CIP PUMP SKID			
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		K	23-FEB-2018	NO CHANGES	-	PREPARED BY:	JLAU	DATE:	01-SEP-2017
		H	22-DEC-2017	NO CHANGES	-	CHECKED BY:	MLOW	DATE:	05-SEP-2017
		I	19-JAN-2018	VALVE TYPE UPDATED	JLAU	APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE
DO NOT SCALE DRAWING						JOB/CD NO:	(JOB NO.)		
						SHEET:	18 OF 116		

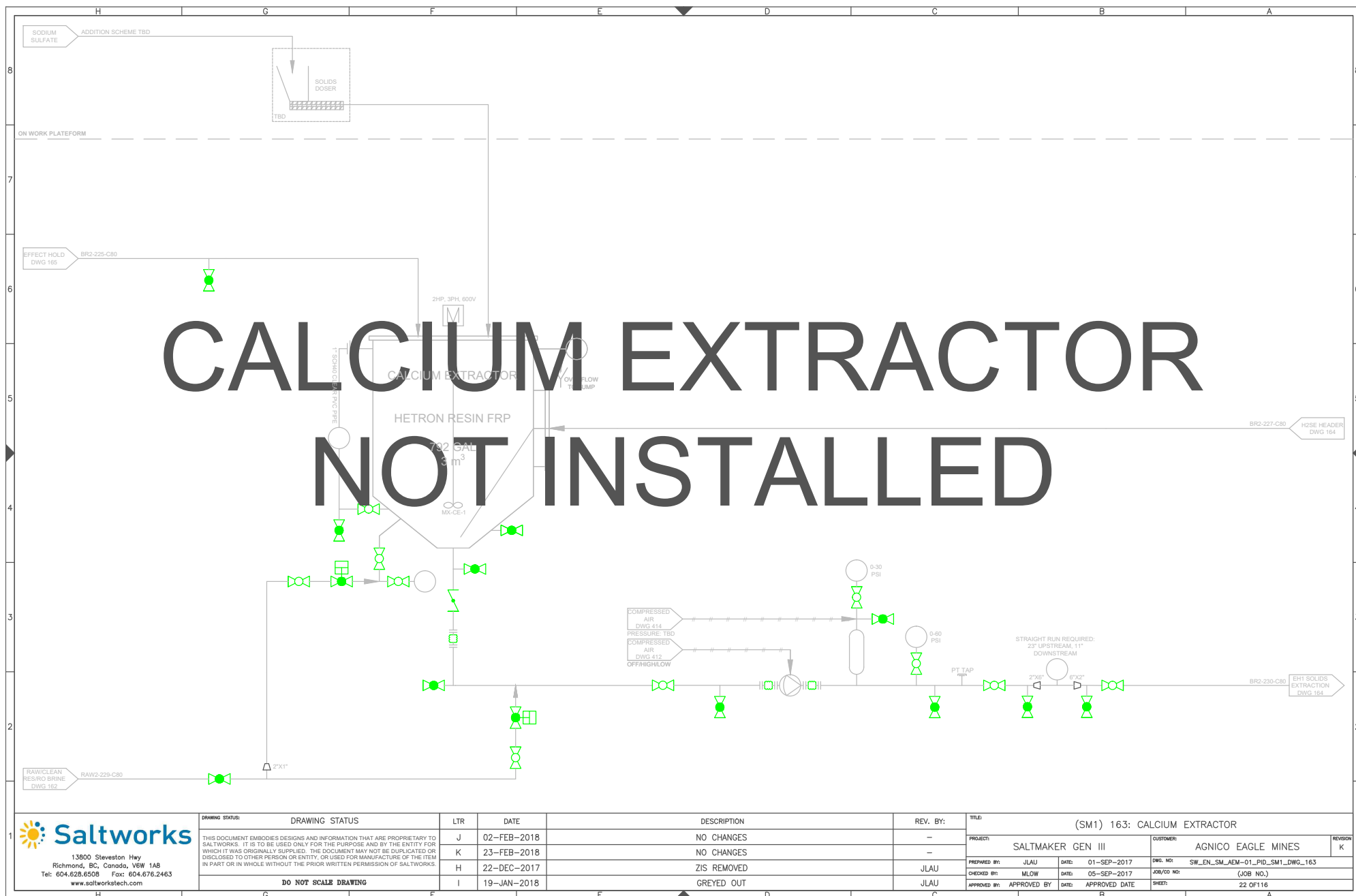


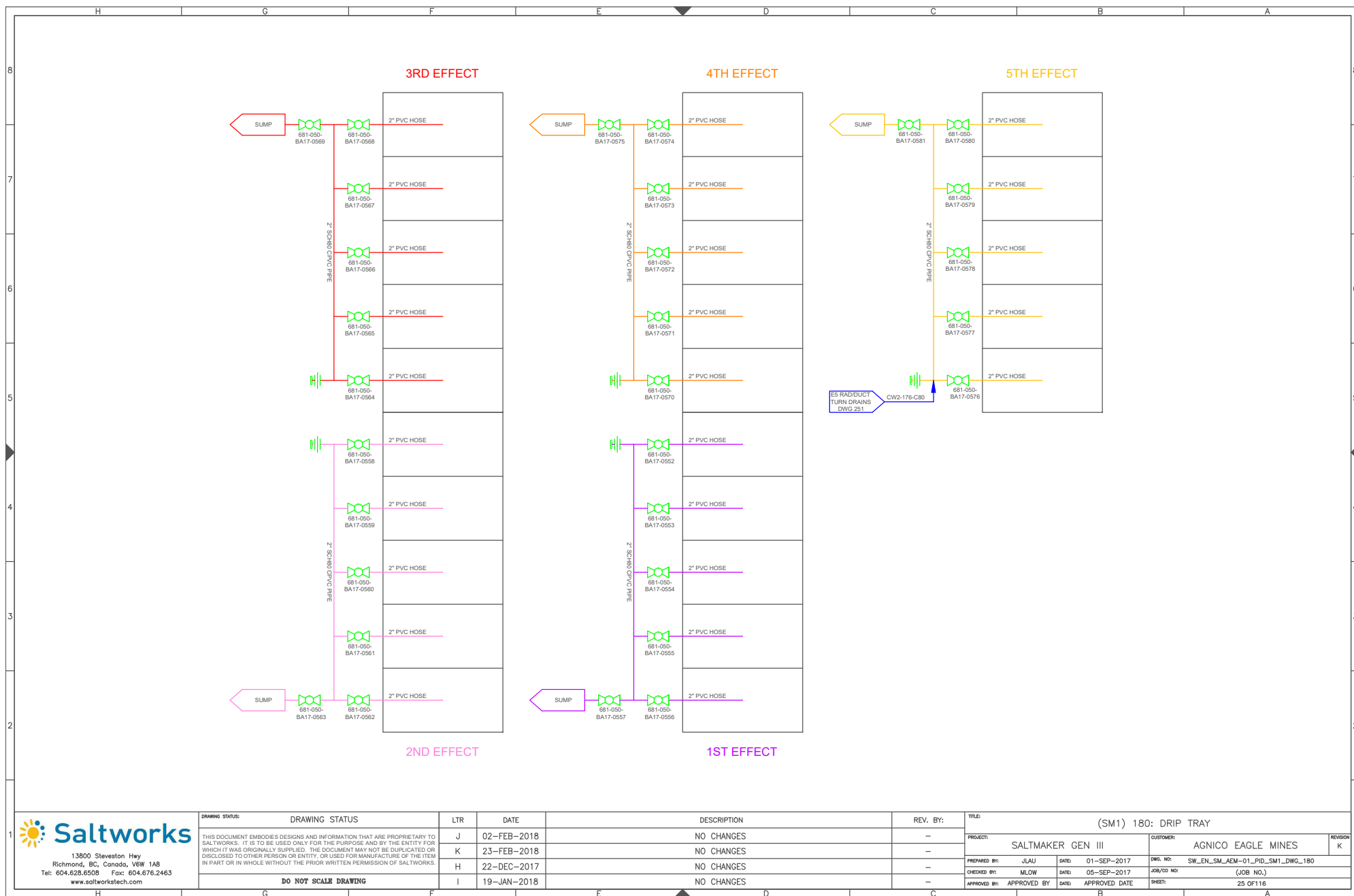




CALCIUM EXTRACTOR

NOT INSTALLED





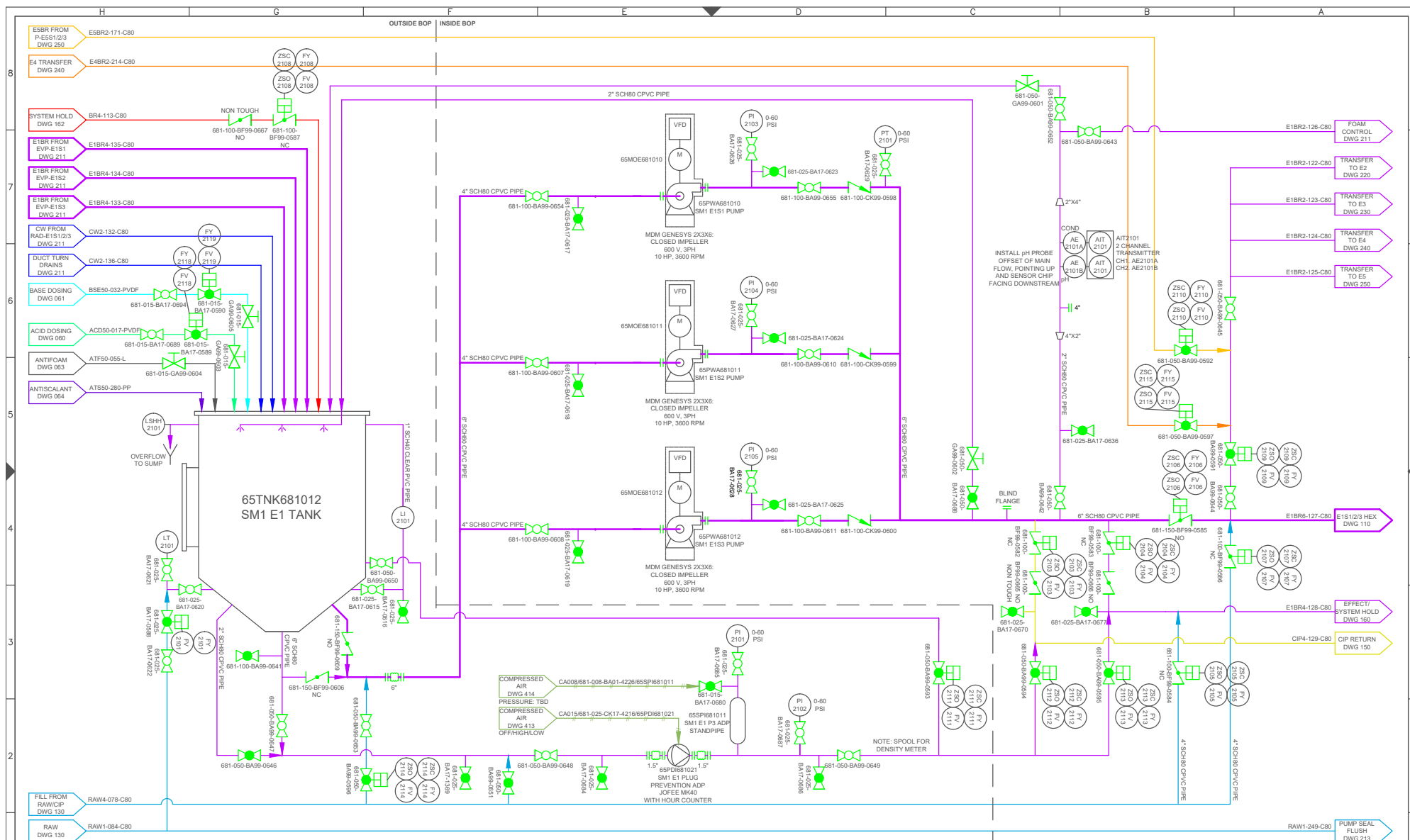
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DRAWING STATUS:	DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE:
		J	02-FEB-2018	NO CHANGES	-	(SM1) 180: DRIP TRAY
		K	23-FEB-2018	NO CHANGES	-	
		H	22-DEC-2017	NO CHANGES	-	
		I	19-JAN-2018	NO CHANGES	-	
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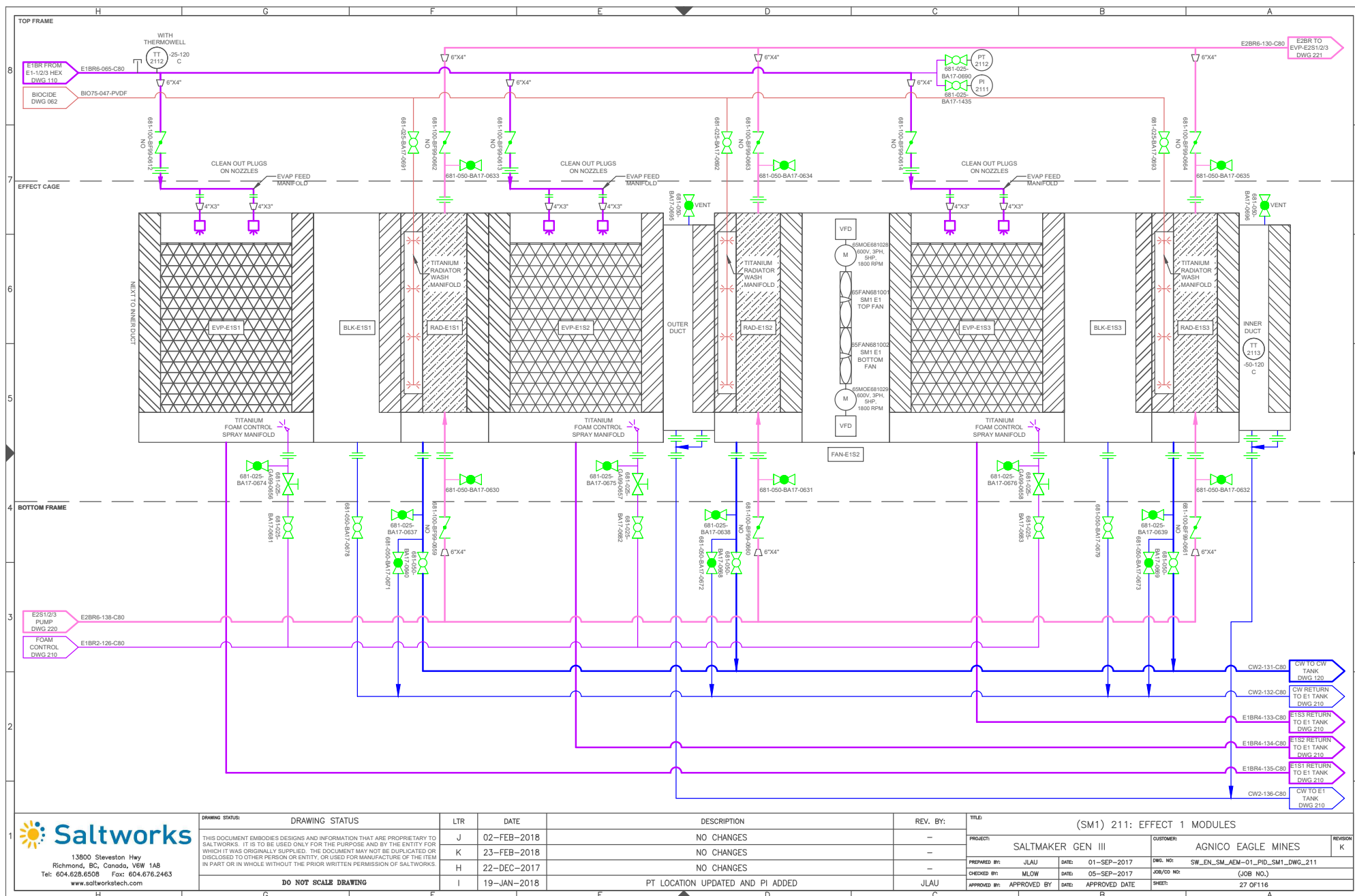
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		J	02-FEB-2018	NO CHANGES	-	(SM1) 180: DRIP TRAY
		K	23-FEB-2018	NO CHANGES	-	
		H	22-DEC-2017	NO CHANGES	-	
		I	19-JAN-2018	NO CHANGES	-	
	DO NOT SCALE DRAWING					

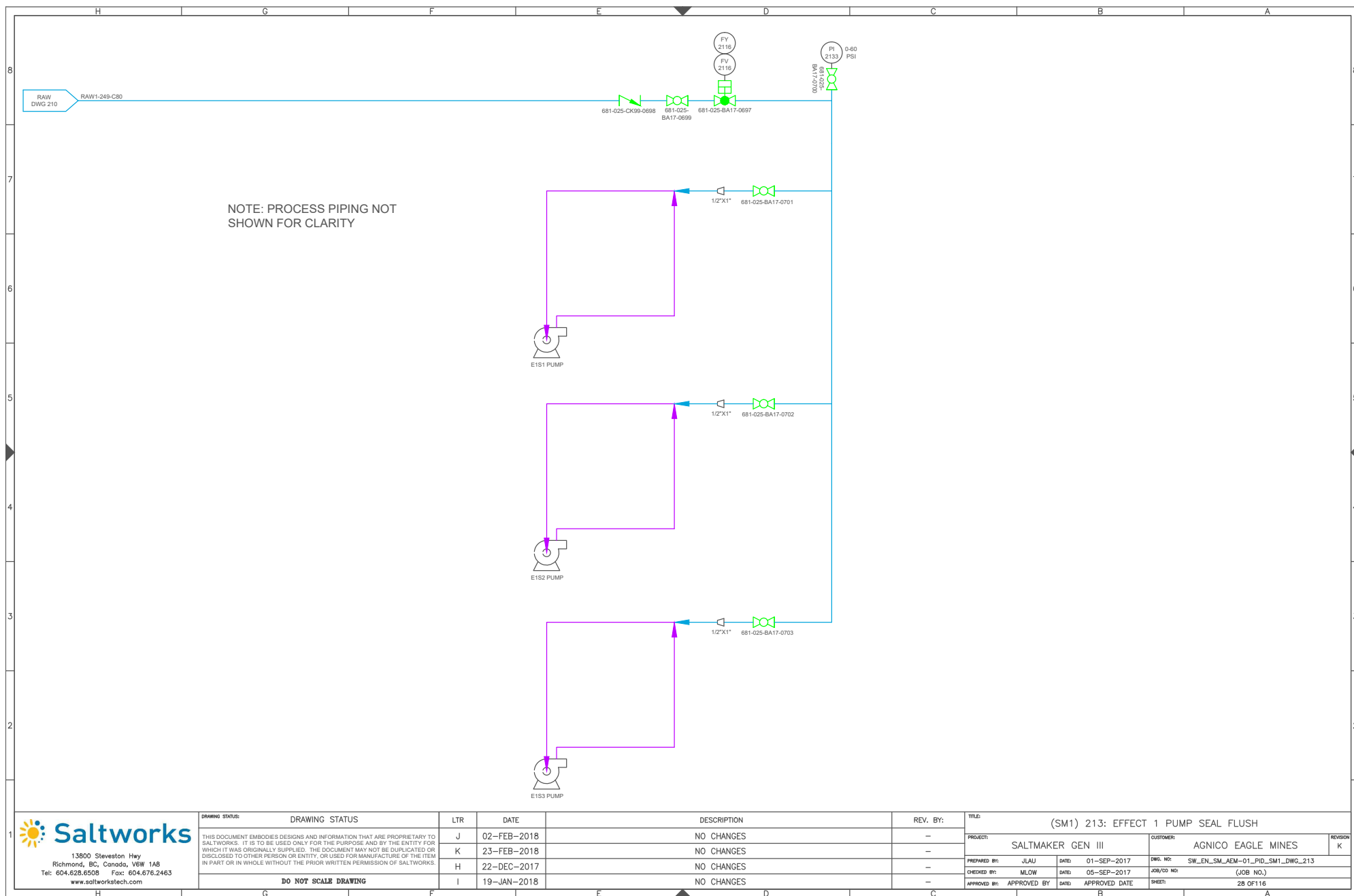
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		K	23-FEB-2018	NO CHANGES	-	
		H	22-DEC-2017	NO CHANGES	-	
		I	19-JAN-2018	NO CHANGES	-	
	DO NOT SCALE DRAWING					

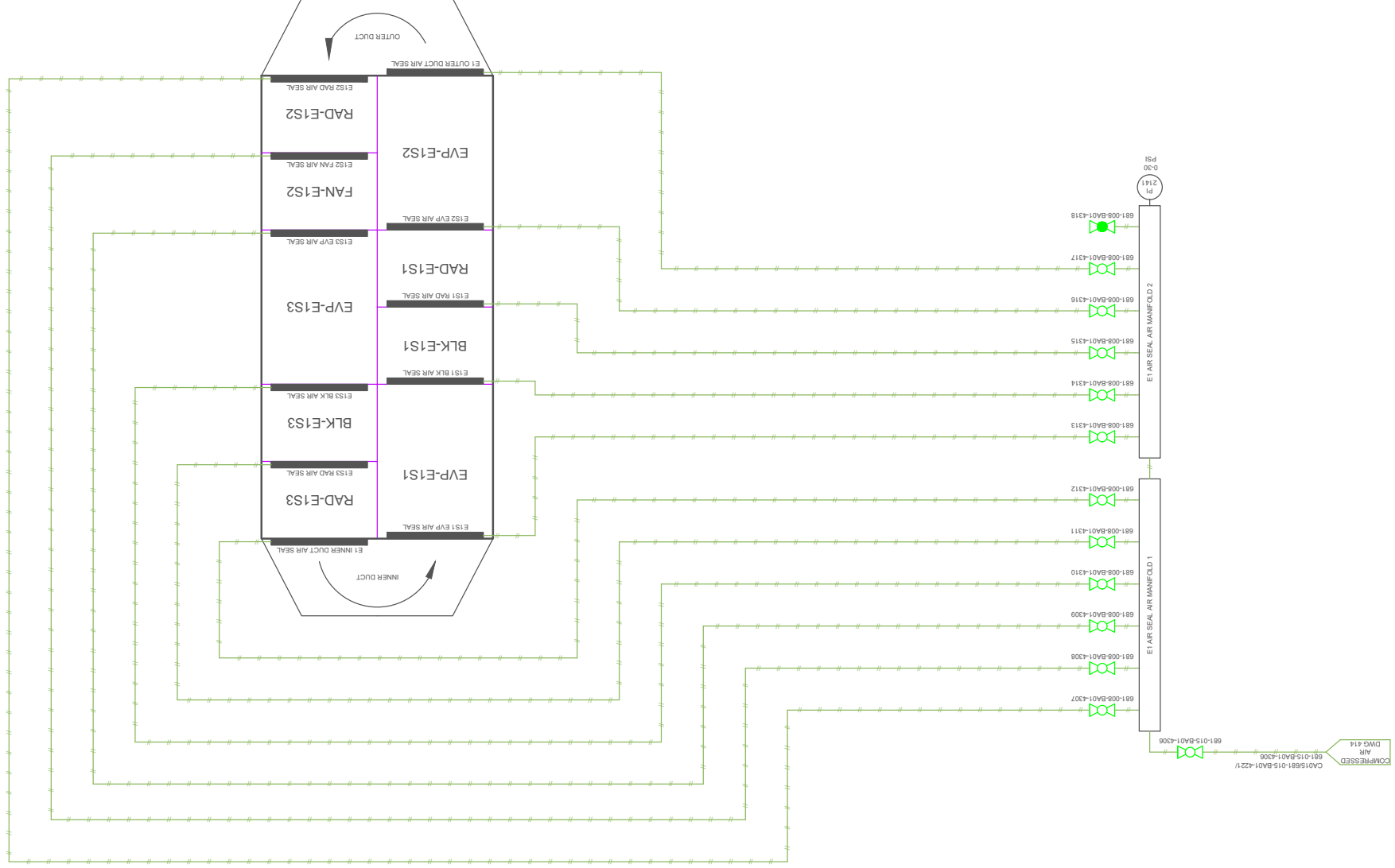
PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	REVISION	K
PREPARED BY:	JLAU	DATE:	01-SEP-2017	DWG. NO:	SW_EN_SM_AEM-01_PID_SM1_DWG_180
CHECKED BY:	MLOW	DATE:	05-SEP-2017	JOB/CD NO:	(JOB NO.)
APPROVED BY:		DATE:	APPROVED DATE	SHEET:	25 OF 116

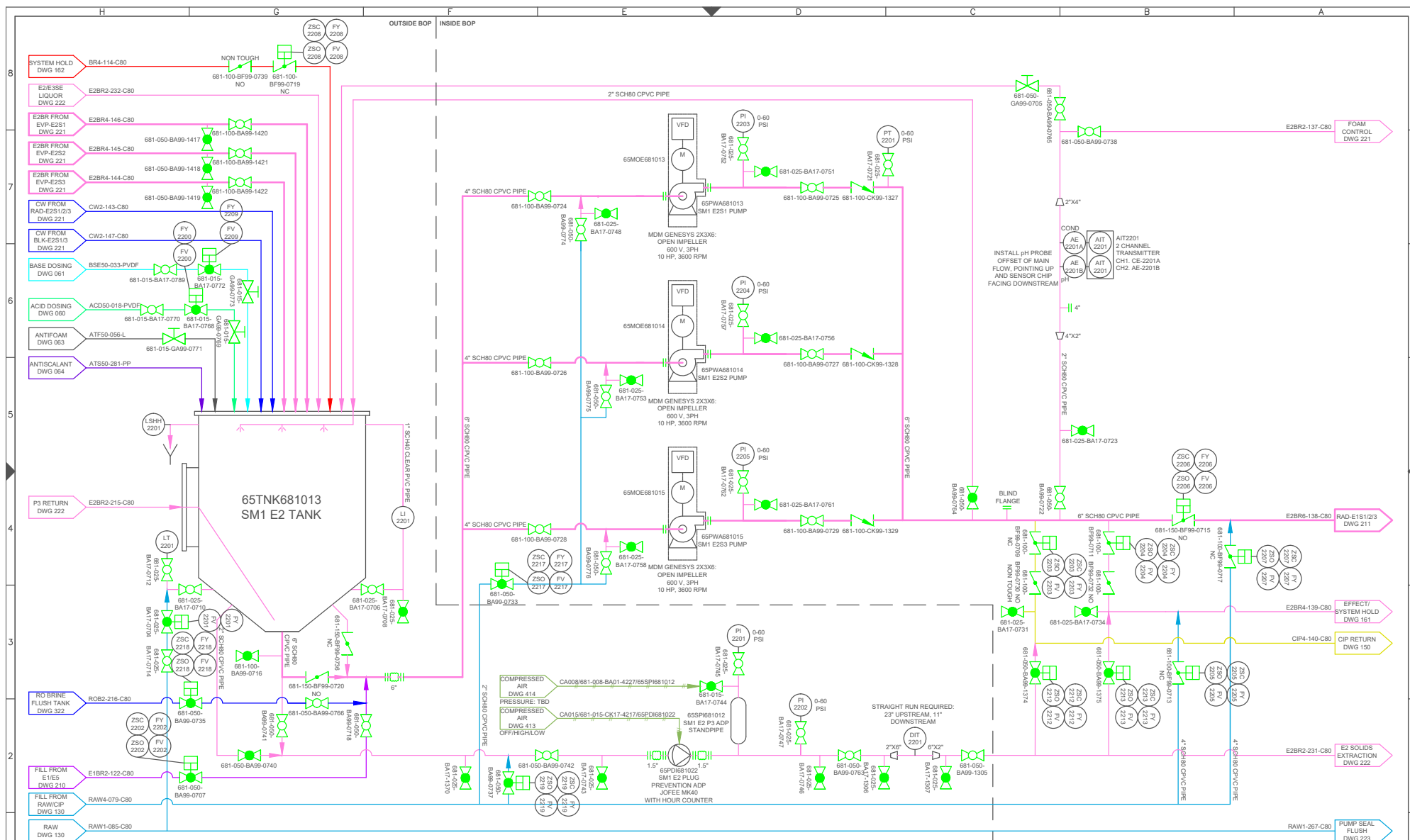


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2		K	23-FEB-2018	NO CHANGES	-	CUSTOMER:	AGNICO EAGLE MINES		
3		H	22-DEC-2017	NO CHANGES	-	PREPARED BY:	JLAU	DATE:	01-SEP-2017
4		I	19-JAN-2018	VALVE TYPE UPDATED, EXPANSION JOINT SIZE UPDATED	JLAU	CHECKED BY:	MLOW	DATE:	05-SEP-2017
5						APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE
6						DWG. NO:	SW_EN_SM_AEM-01_PID_SM1_DWG_210		
7						JOB/CO NO:	(JOB NO.)		
8						SHEET:	26 OF 116		

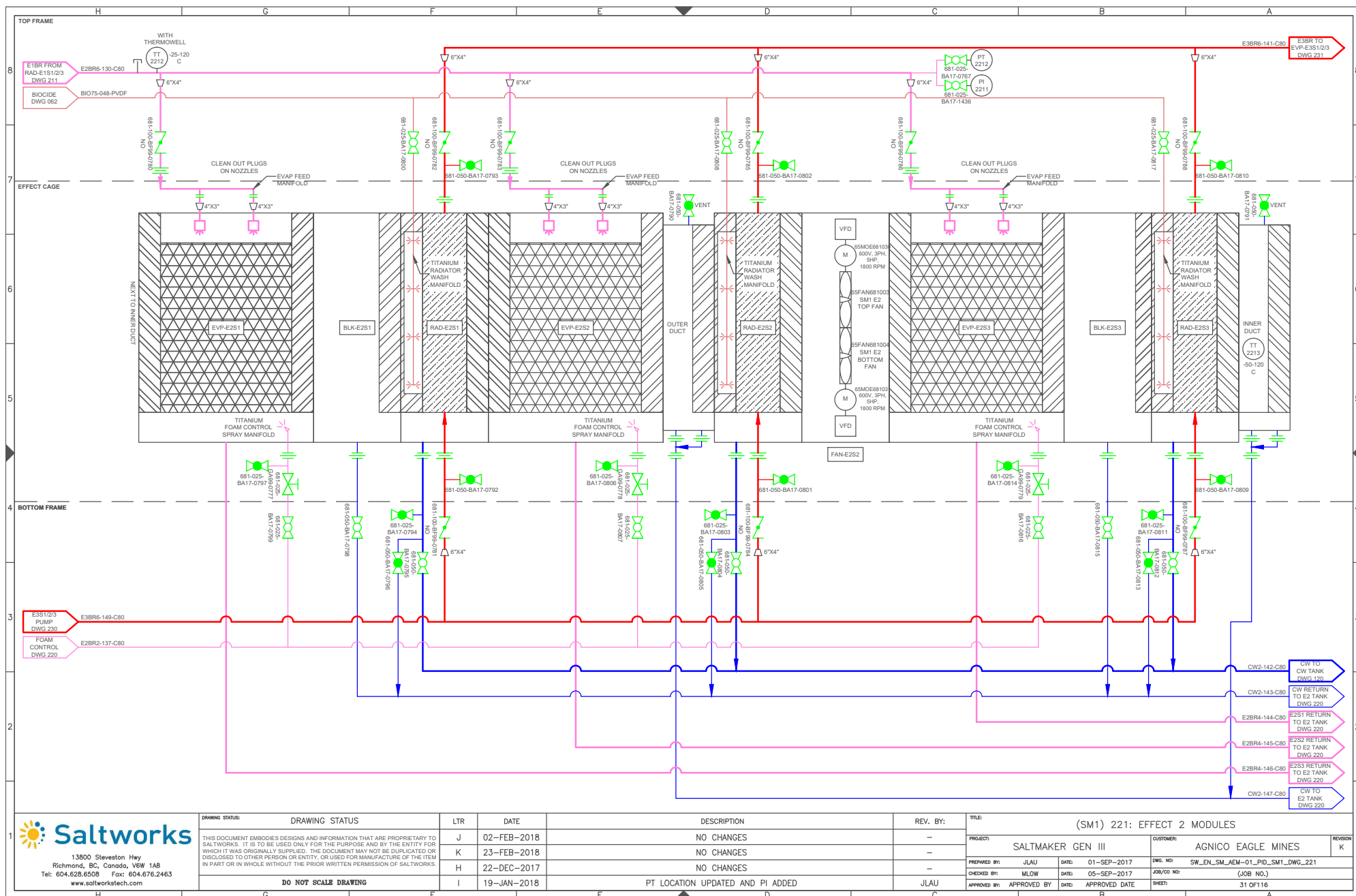




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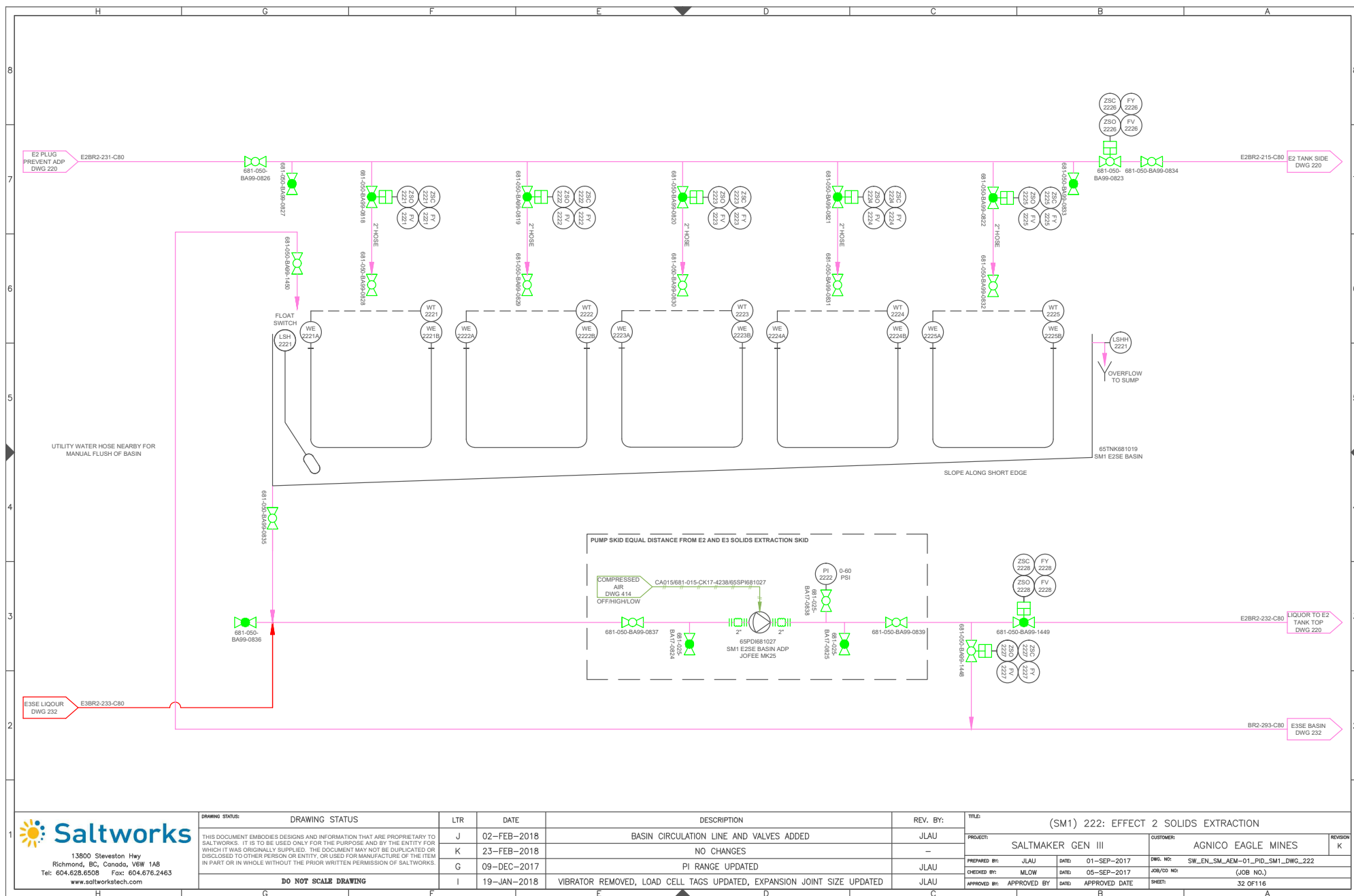


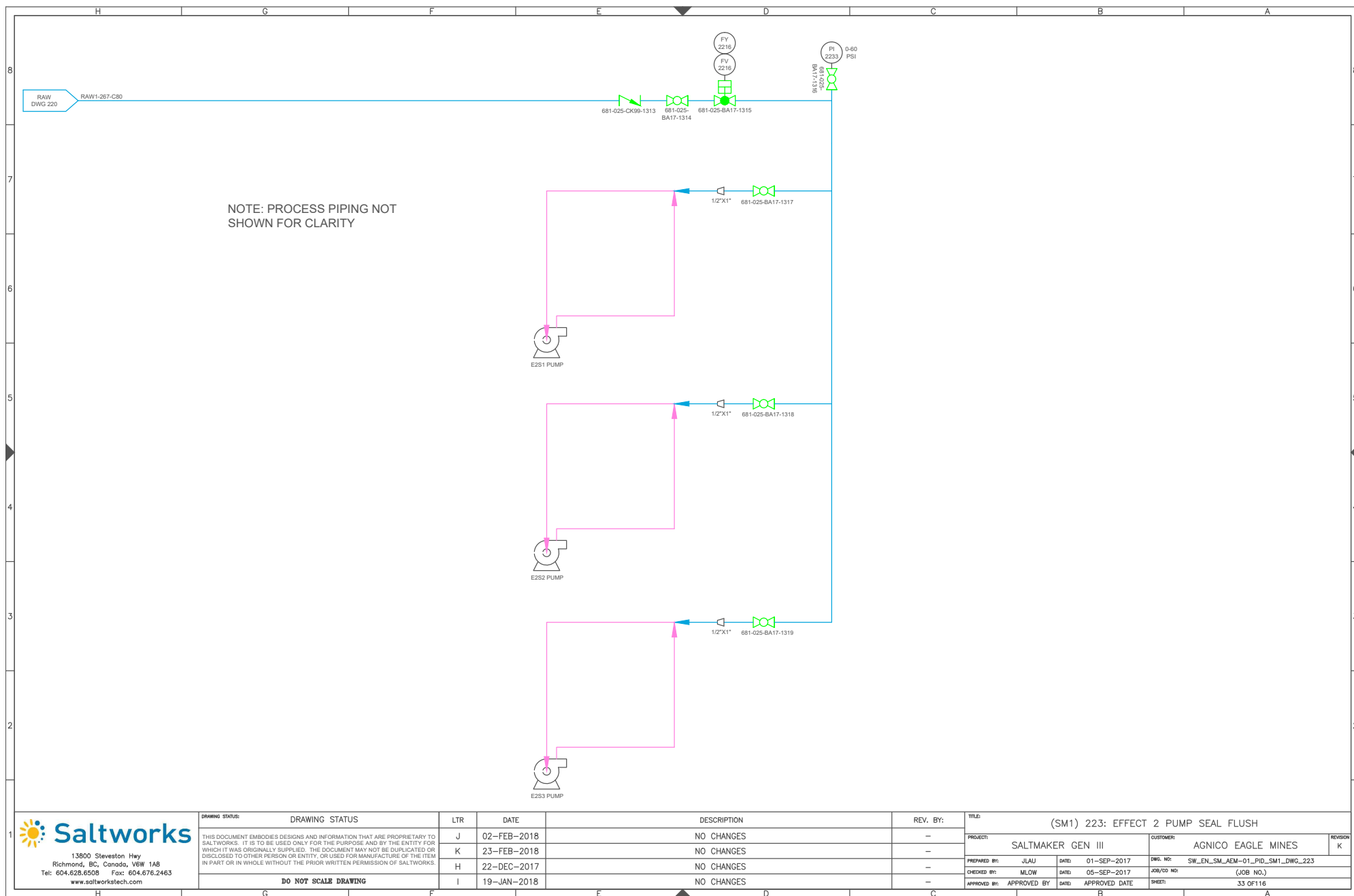
 13900 Steveston Hwy Richmond, BC, Canada, V6W 1A8 Tel: 604.628.6508 Fax: 604.676.2463 www.saltworkstech.com	DRAWING STATUS:	DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE: (SM1) 220: EFFECT 2 TANK AND PUMPS					
	THIS DOCUMENT EMBODIES DESIGNS AND INFORMATION THAT ARE PROPRIETARY TO SALTWORKS. IT IS TO BE USED ONLY FOR THE PURPOSE AND BY THE ENTITY FOR WHICH IT WAS ORIGINALLY SUPPLIED. THE DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO OTHER PERSON OR ENTITY, OR USED FOR MANUFACTURE OF THE ITEM IN PART OR IN WHOLE WITHOUT THE PRIOR WRITTEN PERMISSION OF SALTWORKS.		J	02-FEB-2018	PT LOCATION MOVED, STANDPIPE AIR CONNECTION UPDATED	JLAU	PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	REVISION: K	
			K	23-FEB-2018	NO CHANGES	-	PREPARED BY:	JLAU	DATE:	01-SEP-2017	DWG. NO:	SW_EN_SM_AEM-01_PID_SM1_DWG_220
			H	22-DEC-2017	VALVES ADDED TO EVAP RETURN	JLAU	CHECKED BY:	MLOW	DATE:	05-SEP-2017	JOB/CO NO:	(JOB NO.)
			I	19-JAN-2018	VALVE TYPE UPATED, EXPANSION JOINT SIZE UPDATED	JLAU	APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE	SHEET:	30 OF 116
DO NOT SCALE DRAWING												



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DO NOT SCALE DRAWING	K	23-FEB-2018	NO CHANGES	-		PREPARED BY: JLAU	DATE: 01-SEP-2017	DWG. NO: SW_EN_SM_AEM-01_PID_SM1_DWG_221
	H	22-DEC-2017	NO CHANGES	-		CHECKED BY: MLOW	DATE: 05-SEP-2017	JOB/CD NO: (JOB NO.)
	I	19-JAN-2018	PT LOCATION UPDATED AND PI ADDED	JLAU		APPROVED BY: APPROVED BY	DATE: APPROVED DATE	SHEET: 31 OF 116





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19-JAN-2018

NO CHANGES

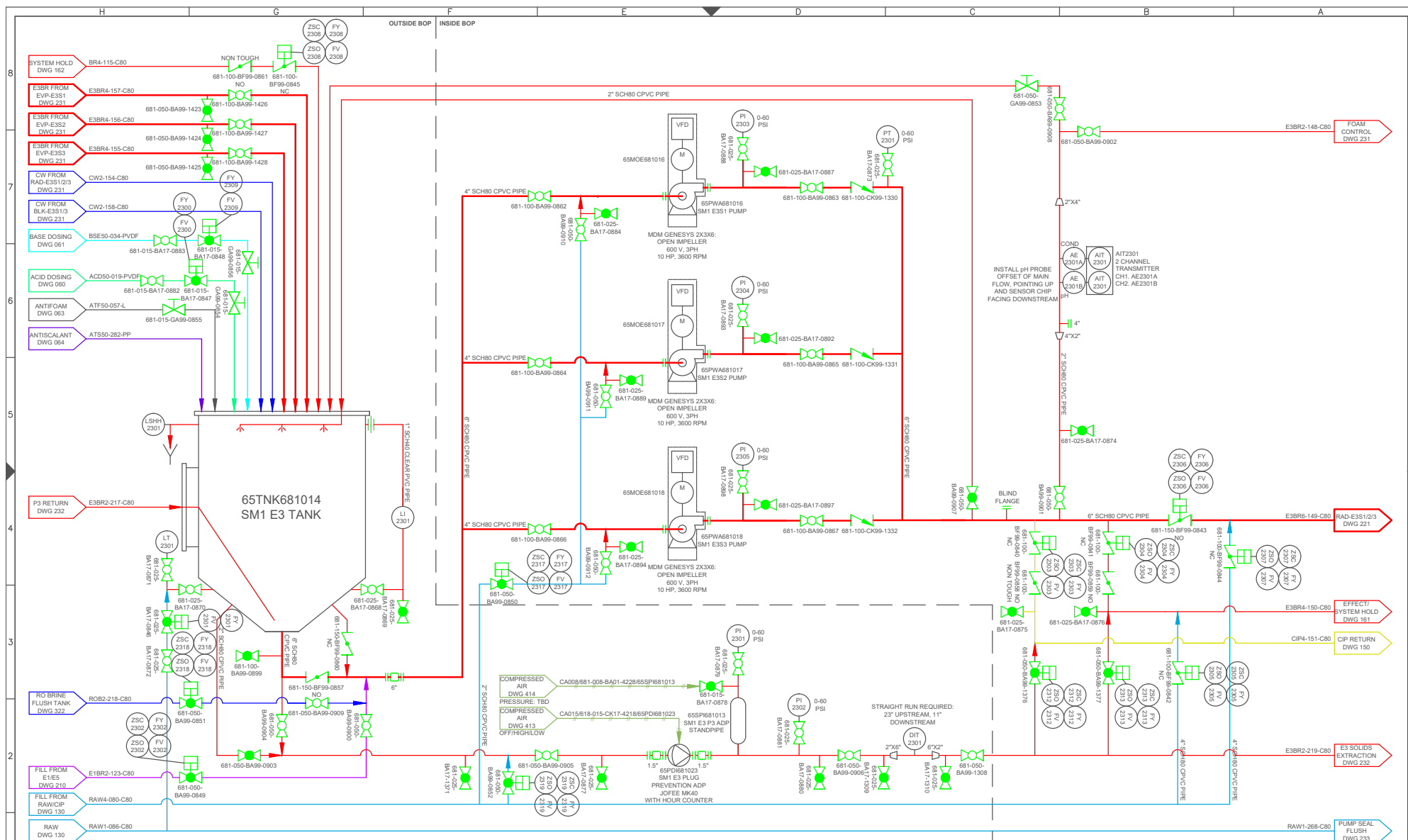
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REPAIRED

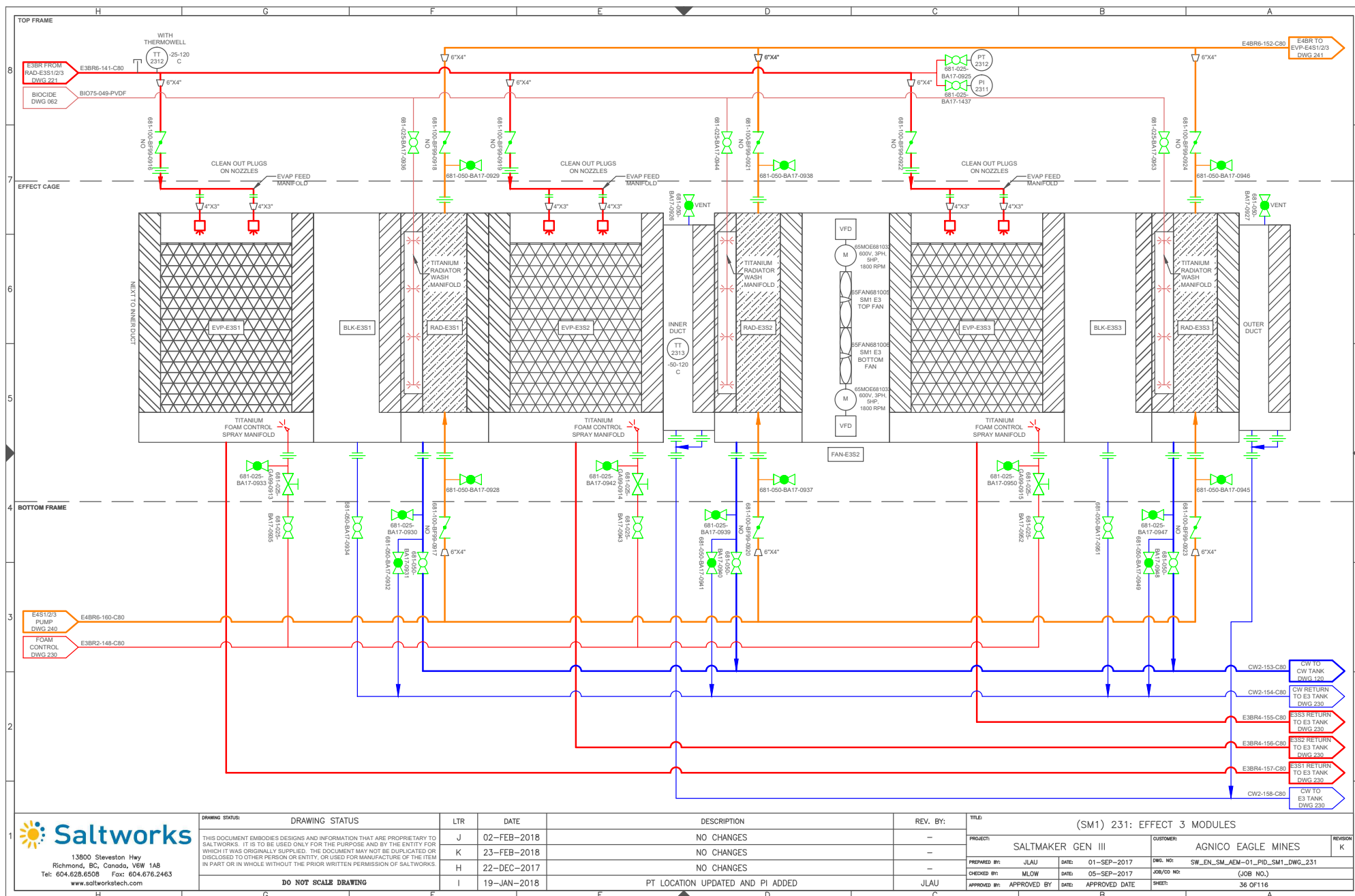
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05-SEP-2017	108/CO NO:

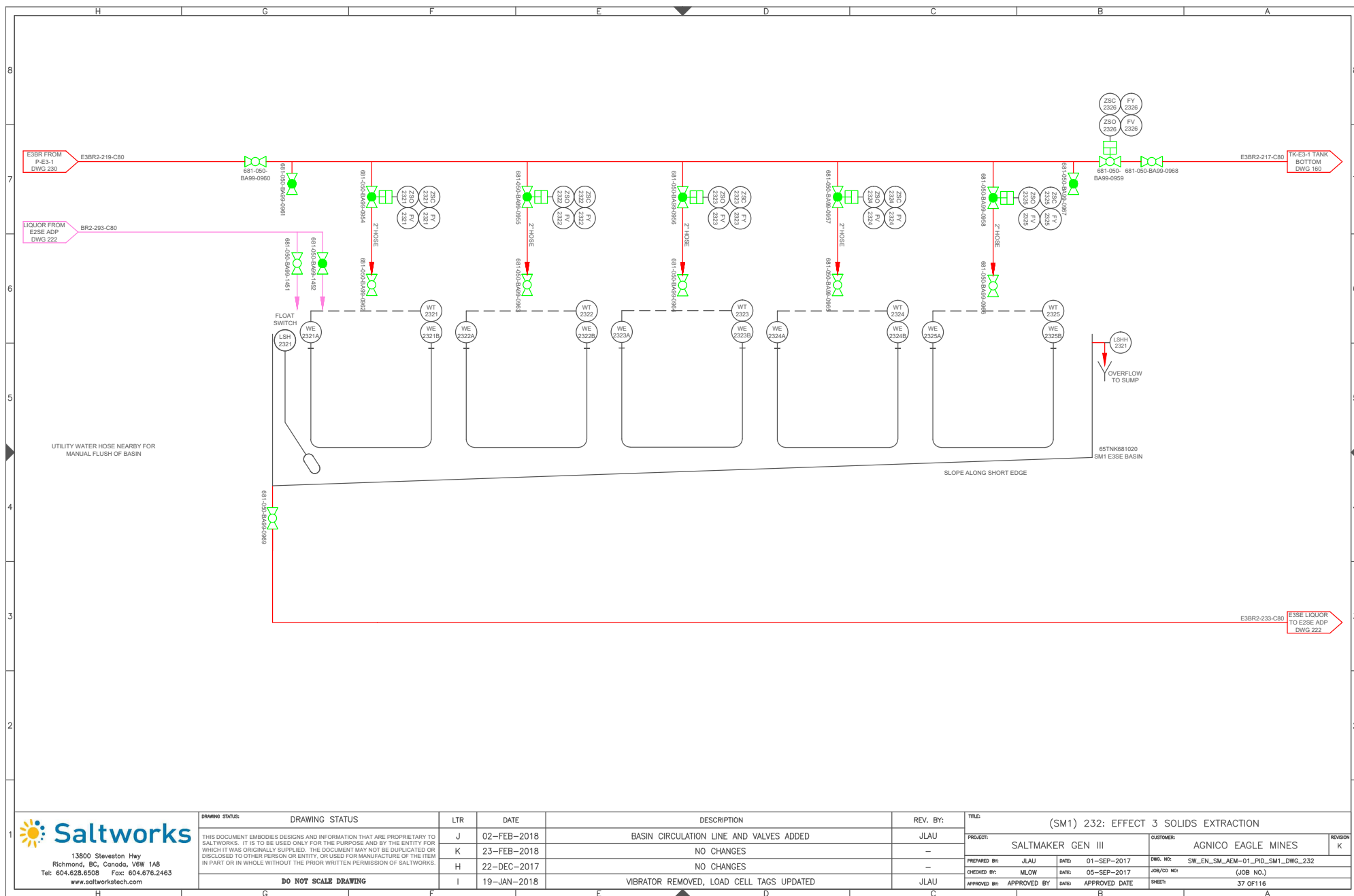
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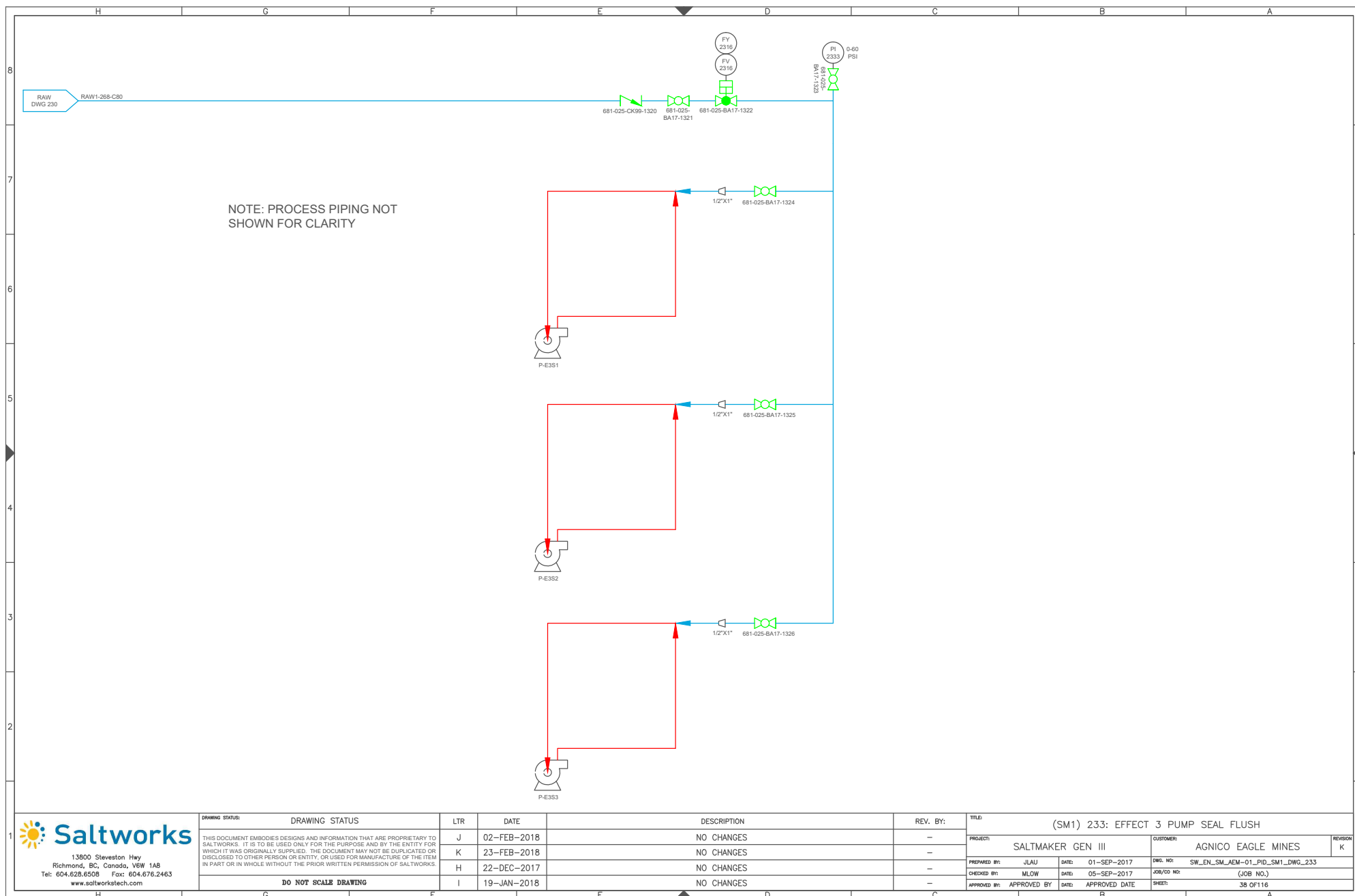


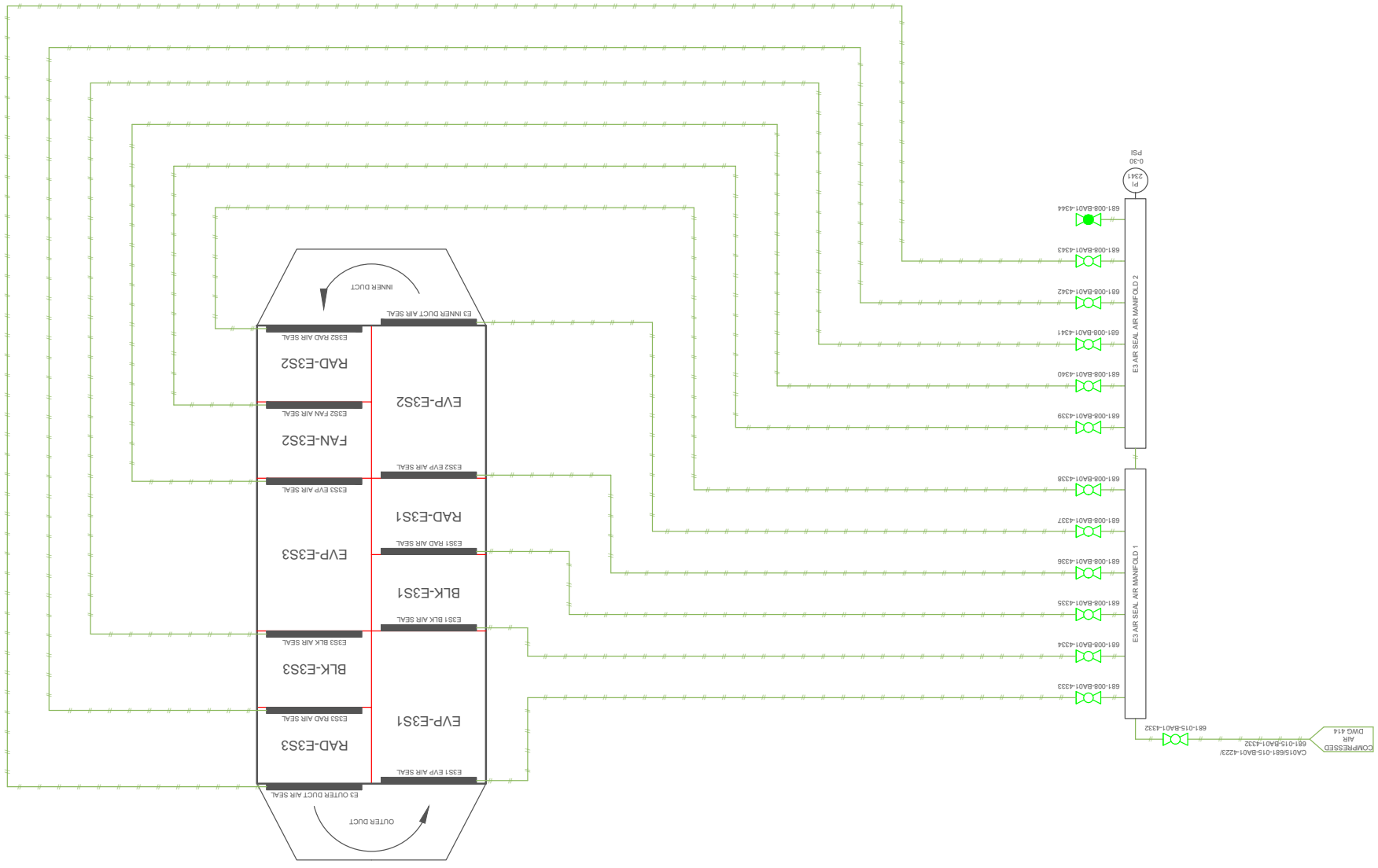
 13900 Steveston Hwy Richmond, BC, Canada, V6W 1A8 Tel: 604.628.6508 Fax: 604.676.2463 www.saltworkstech.com	DRAWING STATUS: DRAWING STATUS	LTR: LTR	DATE: DATE	DESCRIPTION: DESCRIPTION	REV. BY: REV. BY:	TITLE: (SM1) 230: EFFECT 3 TANK AND PUMPS		
	THIS DOCUMENT EMBODIES DESIGNS AND INFORMATION THAT ARE PROPRIETARY TO SALTWORKS. IT IS TO BE USED ONLY FOR THE PURPOSE AND BY THE ENTITY FOR WHICH IT WAS ORIGINALLY SUPPLIED. THE DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO OTHER PERSON OR ENTITY, OR USED FOR MANUFACTURE OF THE ITEM IN PART OR IN WHOLE WITHOUT THE PRIOR WRITTEN PERMISSION OF SALTWORKS.	J	02-FEB-2018	PT LOCATION MOVED, STANDPIPE AIR CONNECTION UPDATED	JLAU	PROJECT: SALTMAKER GEN III		
	DO NOT SCALE DRAWING	K	23-FEB-2018	NO CHANGES	-	CUSTOMER: AGNICO EAGLE MINES		
		H	22-DEC-2017	VALVES ADDED TO EVAP RETURN	JLAU	PREPARED BY: JLAU DATE: 01-SEP-2017 DWG. NO: SW_EN_SM_AEM-01_PID_SM1_DWG_230		
		I	19-JAN-2018	VALVE TYPE UPDATED, EXPANSION JOINT SIZE UPDATED	JLAU	CHECKED BY: MLOW DATE: 05-SEP-2017 JOB/CO NO: (JOB NO.)		
						APPROVED BY: APPROVED BY DATE: APPROVED DATE SHEET: 35 OF 116		

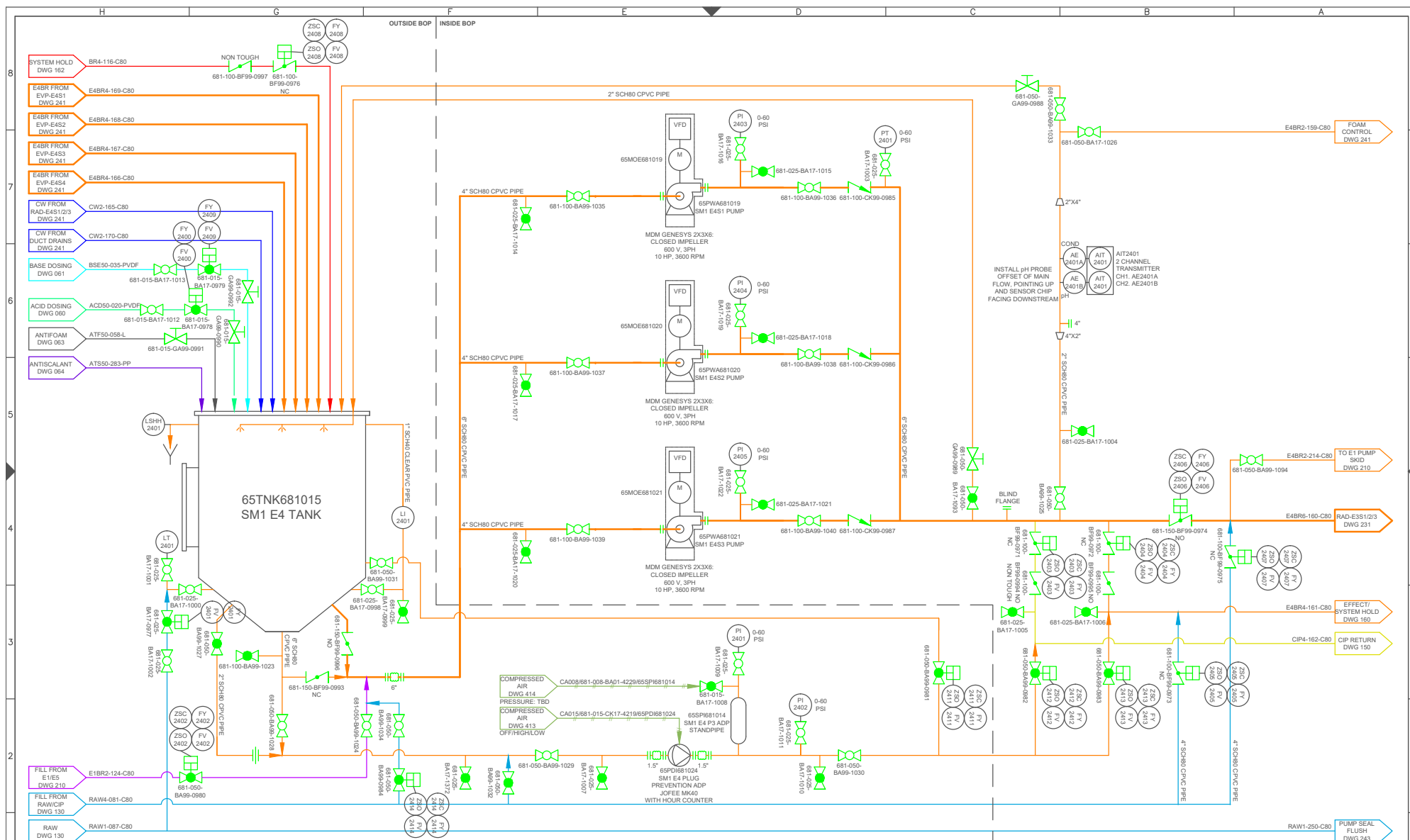




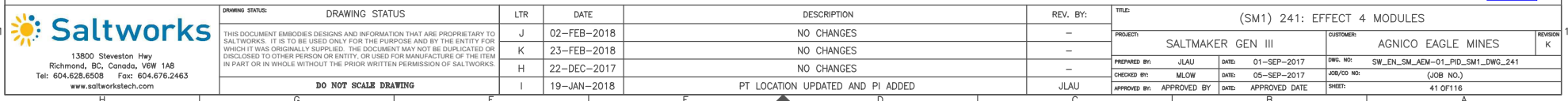
DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE:	PROJECT:	CUSTOMER:	REVISION
THIS DOCUMENT EMBODIES DESIGNS AND INFORMATION THAT ARE PROPRIETARY TO SALTWORKS. IT IS TO BE USED ONLY FOR THE PURPOSE AND BY THE ENTITY FOR WHICH IT WAS ORIGINALLY SUPPLIED. THE DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO OTHER PERSON OR ENTITY, OR USED FOR MANUFACTURE OF THE ITEM IN PART OR IN WHOLE WITHOUT THE PRIOR WRITTEN PERMISSION OF SALTWORKS.	J	02-FEB-2018	BASIN CIRCULATION LINE AND VALVES ADDED	JLAU	(SM1) 232: EFFECT 3 SOLIDS EXTRACTION	SALTMAKER GEN III	AGNICO EAGLE MINES	K
DO NOT SCALE DRAWING	K	23-FEB-2018	NO CHANGES	-		PREPARED BY: JLAU	DATE: 01-SEP-2017	DWG. NO: SW_EN_SM_AEM-01_PID_SM1_DWG_232
	H	22-DEC-2017	NO CHANGES	-		CHECKED BY: MLOW	DATE: 05-SEP-2017	JOB/CD NO: (JOB NO.)
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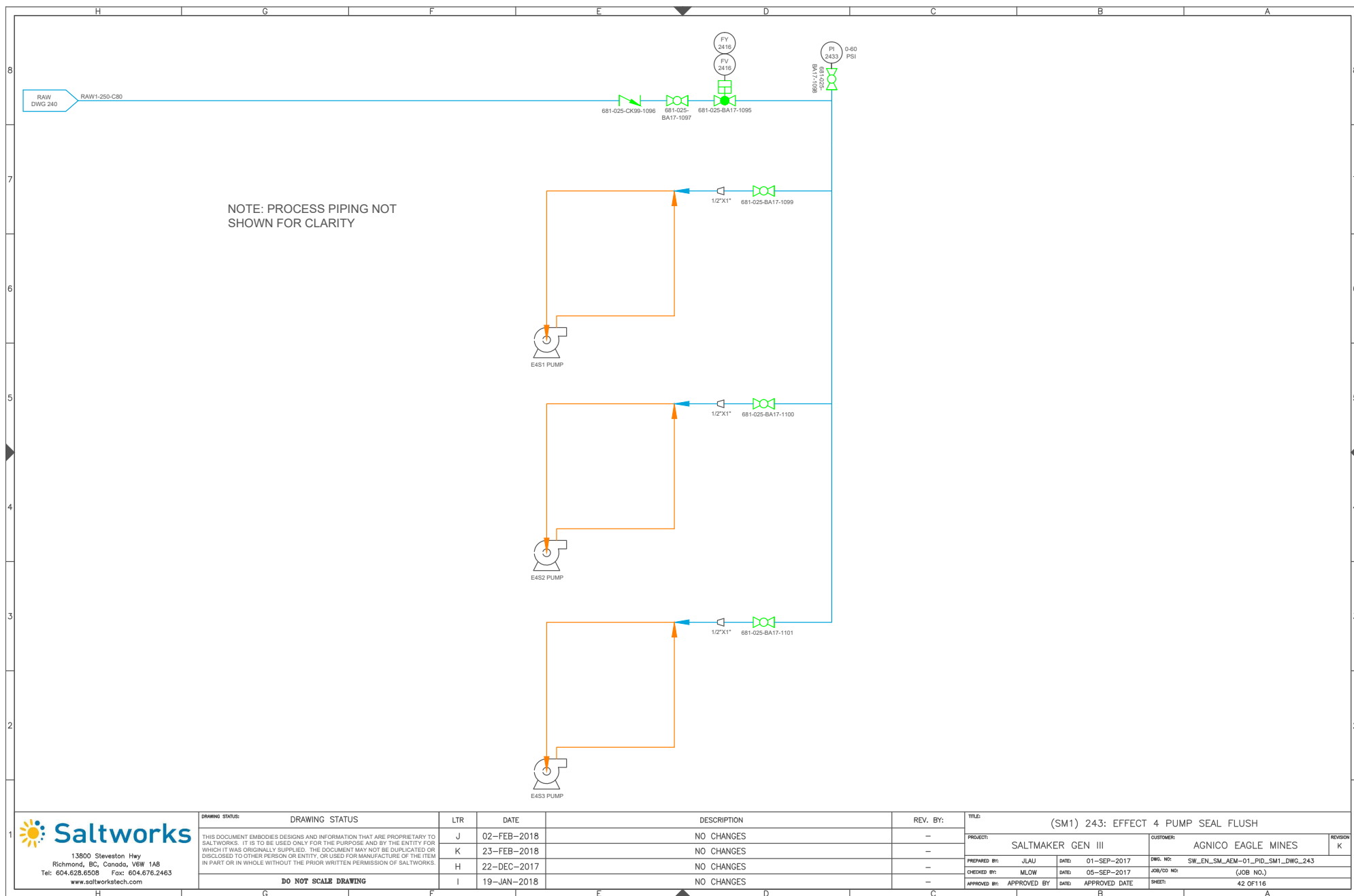


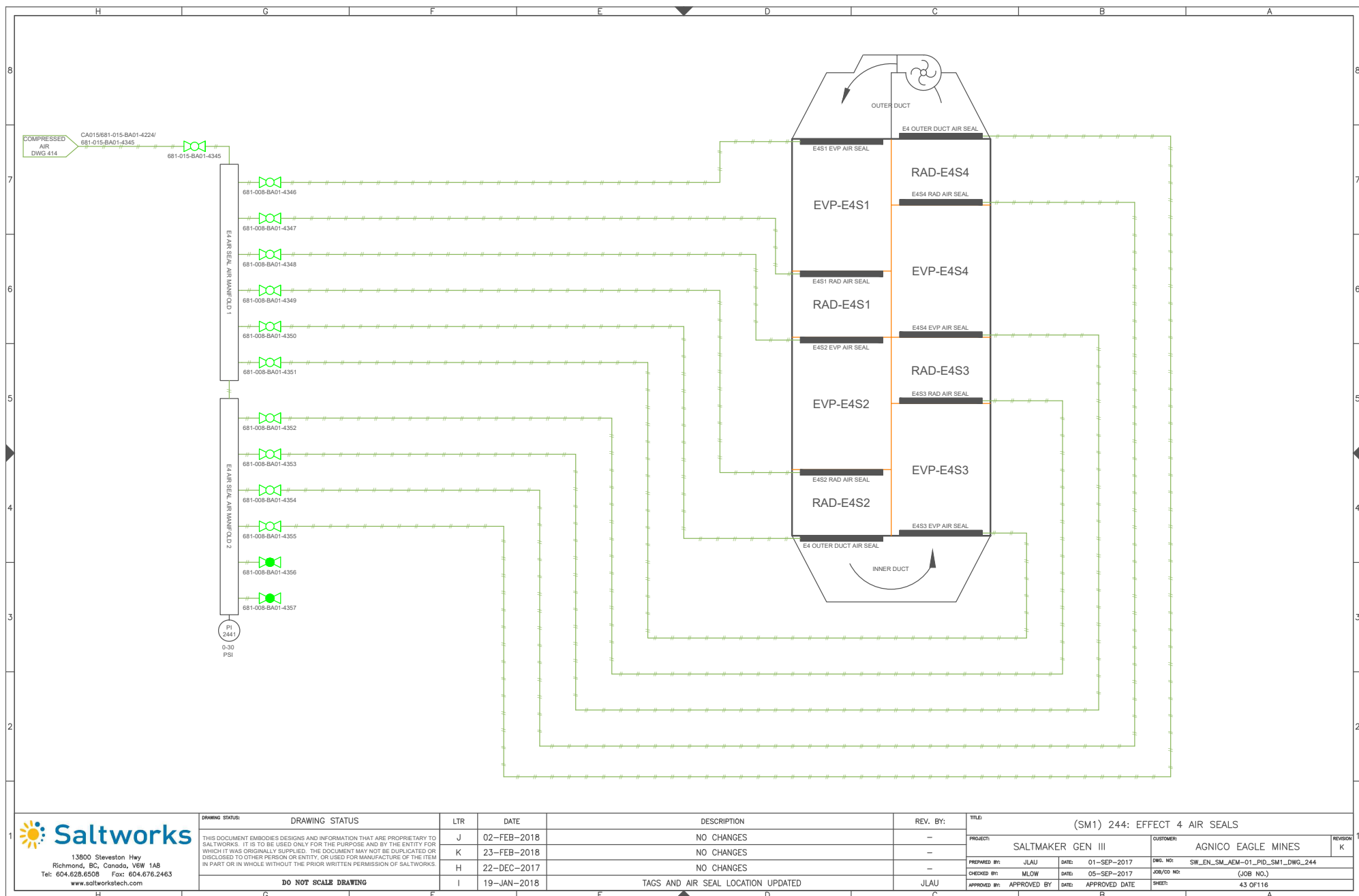
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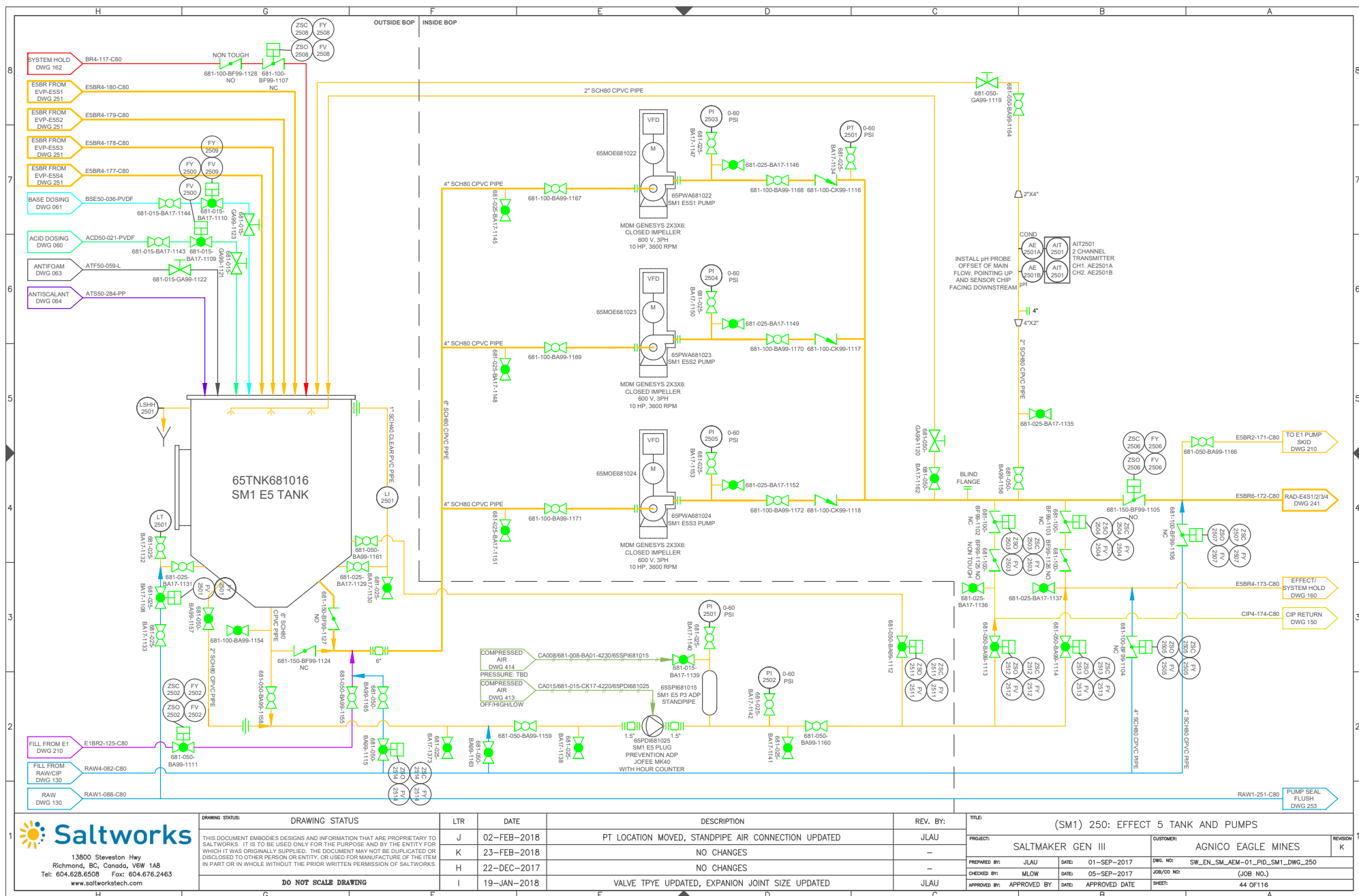


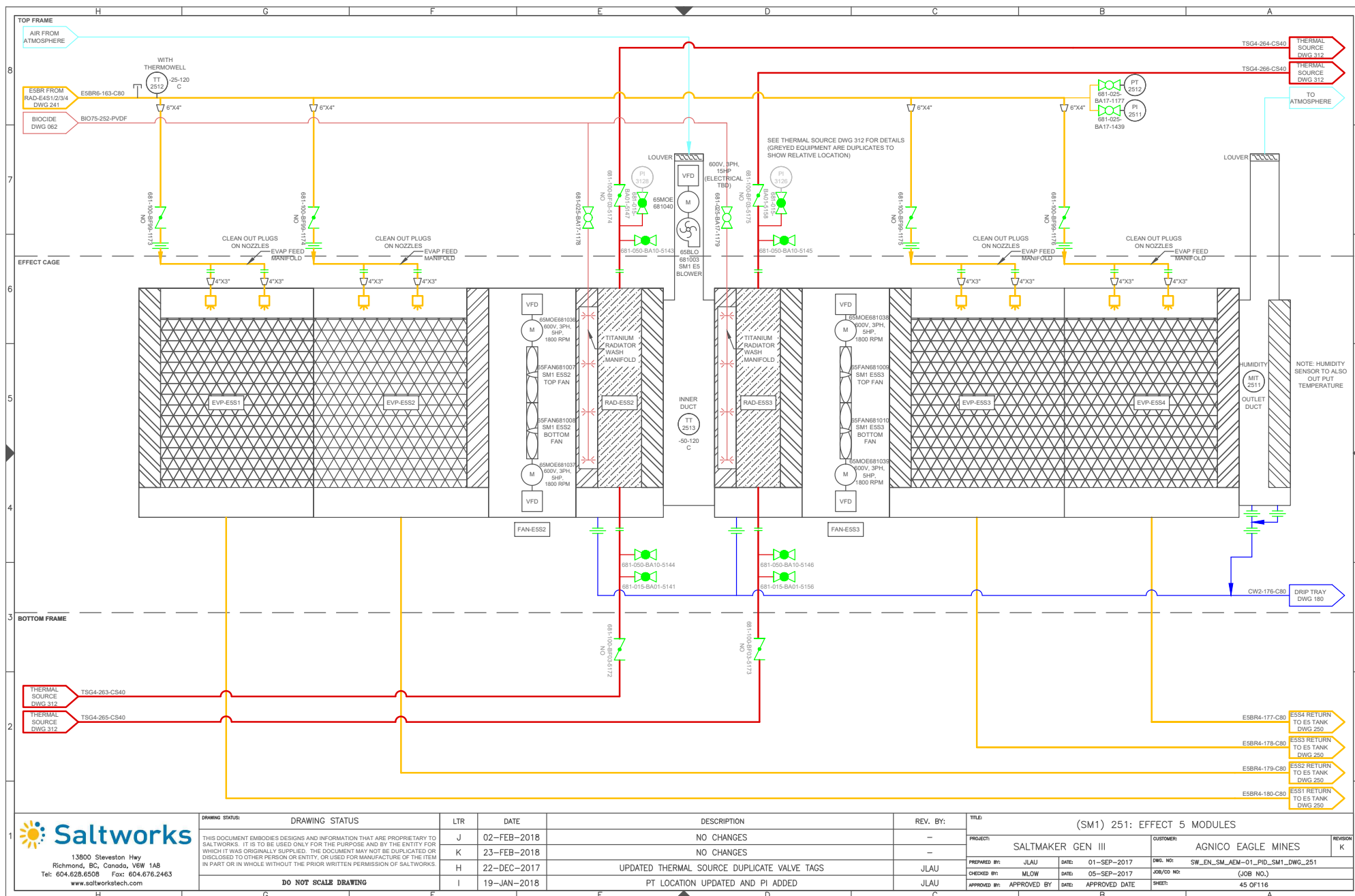
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2		K	23-FEB-2018	NO CHANGES	-	CUSTOMER:	AGNICO EAGLE MINES		
3		H	22-DEC-2017	NO CHANGES	-	PREPARED BY:	JLAU	DATE:	01-SEP-2017
4		I	19-JAN-2018	VALVE TYPE UPDATED	JLAU	CHECKED BY:	MLOW	DATE:	05-SEP-2017
5						APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE
6						DWG. NO:	SW_EN_SM_AEM-01_PID_SM1_DWG_240		
7						JOB/CO NO:	(JOB NO.)		
8						SHEET:	40 OF 116		

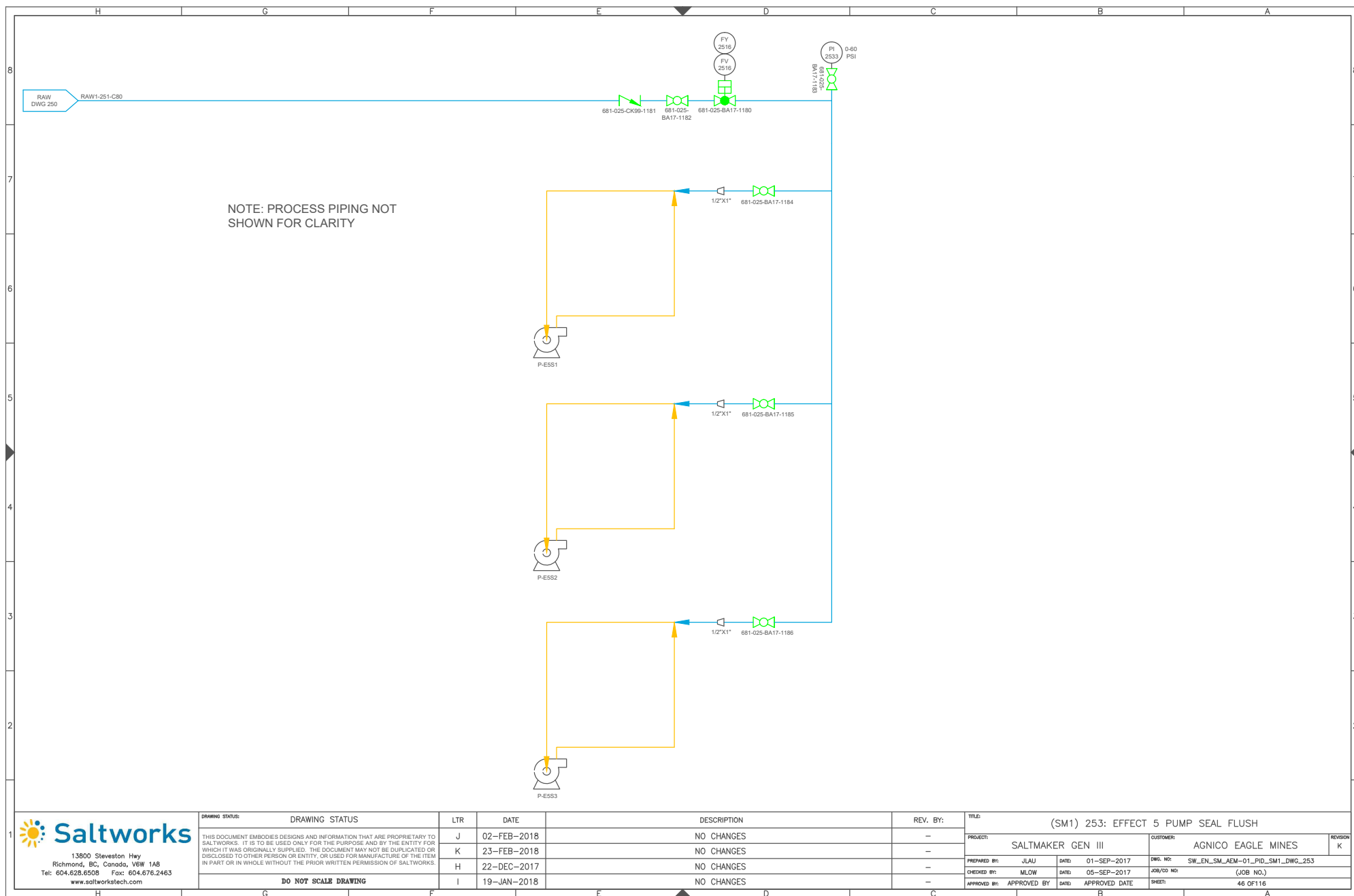














Saltworks

AGNICO EAGLE MINES P&ID DRAWING PACKAGE

SALTMAKER 2 (SM2) REVISION K



Vendor Document Status

AGNICO EAGLE

- 1 ☐ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☐ Complete, no further submission required.

By: _____ Date: _____

Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Supplier/Contractor. Agnico Eagle does not warrant the accuracy or completeness of any of the information contained herein, nor does Agnico Eagle authorize or approve any construction means, methods, techniques, sequences or any safety precautions or procedures.

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No. 6515-S-265-069-205-PID-0010 R: Sub002

DOCUMENT FOR INFORMATION



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		I	19-JAN-2018	AS MARKED BY REVISION CLOUDS	JLAU	
		J	02-FEB-2018	AS MARKED BY REVISION CLOUDS	JLAU	
		K	23-FEB-2018	NO CHANGES	-	
DO NOT SCALE DRAWING						

PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	REVISION:	K
PREPARED BY:	JLAU	DATE:	1-SEP-2017	DWG. NO.:	COVER SHEET
CHECKED BY:	MLOW	DATE:	5-SEP-2017	JOB/CD NO.:	(JOB NO.)
APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE	SHEET:	# OF #

DRAWING LIST 1

SHEET NO.	DRAWING NO.	DESCRIPTION	SHEET NO.	DRAWING NO.	DESCRIPTION
		COVER SHEET	35	SW_EN_SM_AEM-01_PID_SM1_DWG_230	EFFECT 3 TANK AND PUMPS
		DRAWING LIST 1	36	SW_EN_SM_AEM-01_PID_SM1_DWG_231	EFFECT 3 MODULES
		DRAWING LIST 2	37	SW_EN_SM_AEM-01_PID_SM1_DWG_232	EFFECT 3 SOLIDS EXTRACTION
		LEGEND	38	SW_EN_SM_AEM-01_PID_SM1_DWG_233	EFFECT 3 PUMP SEAL FLUSH
			39	SW_EN_SM_AEM-01_PID_SM1_DWG_234	EFFECT 3 AIR SEALS
		<u>COMMON</u>			
1	SW_EN_SM_AEM-01_PID_COMMON_DWG_000	MASTER PFD	40	SW_EN_SM_AEM-01_PID_SM1_DWG_240	EFFECT 4 TANK AND PUMPS
2	SW_EN_SM_AEM-01_PID_COMMON_DWG_010	PROCESS FLOW DIAGRAM	41	SW_EN_SM_AEM-01_PID_SM1_DWG_241	EFFECT 4 MODULES
3	SW_EN_SM_AEM-01_PID_COMMON_DWG_020	CONTAINER LAYOUT	42	SW_EN_SM_AEM-01_PID_SM1_DWG_243	EFFECT 4 PUMP SEAL FLUSH
4	SW_EN_SM_AEM-01_PID_COMMON_DWG_030	MODULES LAYOUT	43	SW_EN_SM_AEM-01_PID_SM1_DWG_244	EFFECT 4 AIR SEALS
5	SW_EN_SM_AEM-01_PID_COMMON_DWG_040	PLANT FEED TANKS			
6	SW_EN_SM_AEM-01_PID_COMMON_DWG_041	PLANT FEED PUMP SKIDS	44	SW_EN_SM_AEM-01_PID_SM1_DWG_250	EFFECT 5 TANK AND PUMPS
7	SW_EN_SM_AEM-01_PID_COMMON_DWG_050	CLEAN RESERVE AND BLOWDOWN SYSTEMS	45	SW_EN_SM_AEM-01_PID_SM1_DWG_251	EFFECT 5 MODULES
8	SW_EN_SM_AEM-01_PID_COMMON_DWG_060	ACID DOSING SYSTEM	46	SW_EN_SM_AEM-01_PID_SM1_DWG_253	EFFECT 5 PUMP SEAL FLUSH
9	SW_EN_SM_AEM-01_PID_COMMON_DWG_061	BASE DOSING SYSTEM	47	SW_EN_SM_AEM-01_PID_SM1_DWG_254	EFFECT 5 AIR SEALS
10	SW_EN_SM_AEM-01_PID_COMMON_DWG_062	BIOCIDE DOSING SYSTEM			
11	SW_EN_SM_AEM-01_PID_COMMON_DWG_063	ANTIFOAM DOSING SYSTEM			<u>THERMAL SYSTEM</u>
12	SW_EN_SM_AEM-01_PID_COMMON_DWG_064	ANTISCALANT DOSING SYSTEM	48	SW_EN_SM_AEM-01_PID_DWG_310	THERMAL SKID: WATER LOOP
13	SW_EN_SM_AEM-01_PID_COMMON_DWG_070	UTILITY WATER DISTRIBUTION	49	SW_EN_SM_AEM-01_PID_DWG_311	THERMAL SKID: WATER LOOP
			50	SW_EN_SM_AEM-01_PID_DWG_312	THERMAL SKID: GYLCOL LOOP
		<u>SALTMAKER 1 (SM1)</u>			
14	SW_EN_SM_AEM-01_PID_SM1_DWG_110	THERMAL SOURCE PRIMARY HEAT EXCHANGERS			<u>POST TREATMENT</u>
15	SW_EN_SM_AEM-01_PID_SM1_DWG_120	CONDENSED WATER SYSTEM	51	SW_EN_SM_AEM-01_PID_COMMON_DWG_320	NITRITE DESTRUCTION AND RO PC SYSTEM
16	SW_EN_SM_AEM-01_PID_SM1_DWG_130	FEED DISTRIBUTION	52	SW_EN_SM_AEM-01_PID_COMMON_DWG_321	AMMONIA DESTRUCTION SYSTEM
17	SW_EN_SM_AEM-01_PID_SM1_DWG_150	CIP TANKS	53	SW_EN_SM_AEM-01_PID_COMMON_DWG_322	RO BRINE FLUSH TANK
18	SW_EN_SM_AEM-01_PID_SM1_DWG_151	CIP PUMP SKID	54	SW_EN_SM_AEM-01_PID_COMMON_DWG_323	RO PERMEATE TANK
19	SW_EN_SM_AEM-01_PID_SM1_DWG_160	EFFECT HOLD 1			
20	SW_EN_SM_AEM-01_PID_SM1_DWG_161	EFFECT HOLD 2			<u>COMPRESSED AIR-COMMON PACKAGE</u>
21	SW_EN_SM_AEM-01_PID_SM1_DWG_162	SYSTEM HOLD	55	SW_EN_SM_AEM-01_PID_COMPRESSED	COMPRESSED AIR SYSTEM
22	SW_EN_SM_AEM-01_PID_SM1_DWG_163	CALCIUM EXTRACTION		AIR-COMMON_DWG_400	
23	SW_EN_SM_AEM-01_PID_SM1_DWG_164	EH1 SOLIDS EXTRACTION	56	SW_EN_SM_AEM-01_PID_COMPRESSED	AMMONIA DES, BRINE BLOWDOWN AND PLANT
24	SW_EN_SM_AEM-01_PID_SM1_DWG_165	EH2 SOLIDS EXTRACTION		AIR-COMMON_DWG_401	FEED AIR
25	SW_EN_SM_AEM-01_PID_SM1_DWG_180	DRIP TRAYS	57	SW_EN_SM_AEM-01_PID_COMPRESSED	CHEMICAL DOSING AND ANCILLARY STAND PIPE
				AIR-COMMON_DWG_402	AIR
26	SW_EN_SM_AEM-01_PID_SM1_DWG_210	EFFECT 1 TANK AND PUMPS	58	SW_EN_SM_AEM-01_PID_COMPRESSED	COMMON AND POST TREATMENT AIR BANK
27	SW_EN_SM_AEM-01_PID_SM1_DWG_211	EFFECT 1 MODULES		AIR-COMMON_DWG_403	
28	SW_EN_SM_AEM-01_PID_SM1_DWG_213	EFFECT 1 PUMP SEAL FLUSH			
29	SW_EN_SM_AEM-01_PID_SM1_DWG_214	EFFECT 1 AIR SEALS			<u>COMPRESSED AIR-SM1</u>
					SM INSTRUMENT AND PROCESS AIR
30	SW_EN_SM_AEM-01_PID_SM1_DWG_220	EFFECT 2 TANK AND PUMPS	59	SW_EN_SM_AEM-01_PID_COMPRESSED	
31	SW_EN_SM_AEM-01_PID_SM1_DWG_221	EFFECT 2 MODULES		AIR-SM1_DWG_410	
32	SW_EN_SM_AEM-01_PID_SM1_DWG_222	EFFECT 2 SOLIDS EXTRACTION	60	SW_EN_SM_AEM-01_PID_COMPRESSED	EH1/EH2 EXTRACT AND CIP AIR
33	SW_EN_SM_AEM-01_PID_SM1_DWG_223	EFFECT 2 PUMP SEAL FLUSH		AIR-SM1_DWG_411	
34	SW_EN_SM_AEM-01_PID_SM1_DWG_224	EFFECT 2 AIR SEALS			



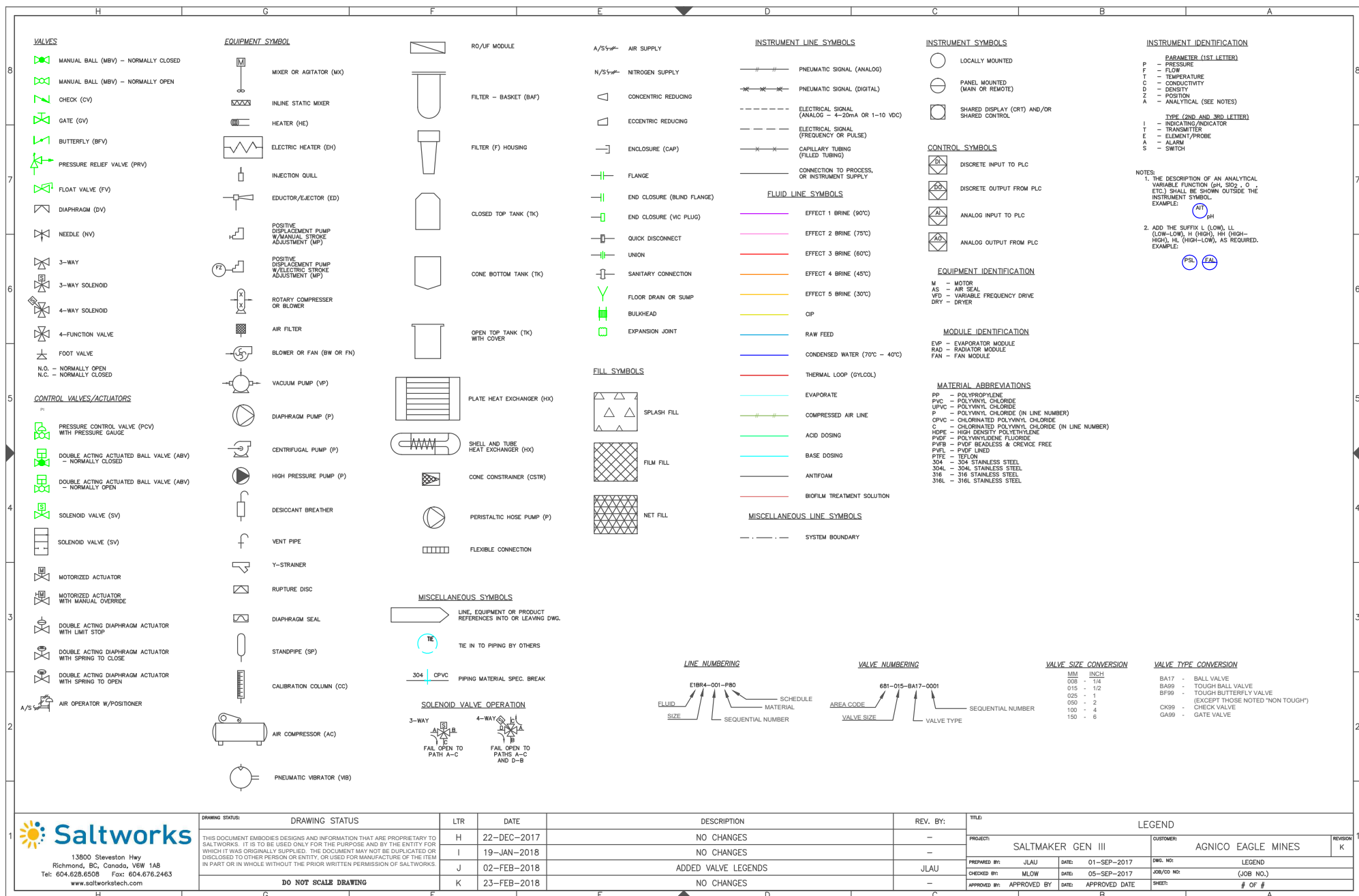
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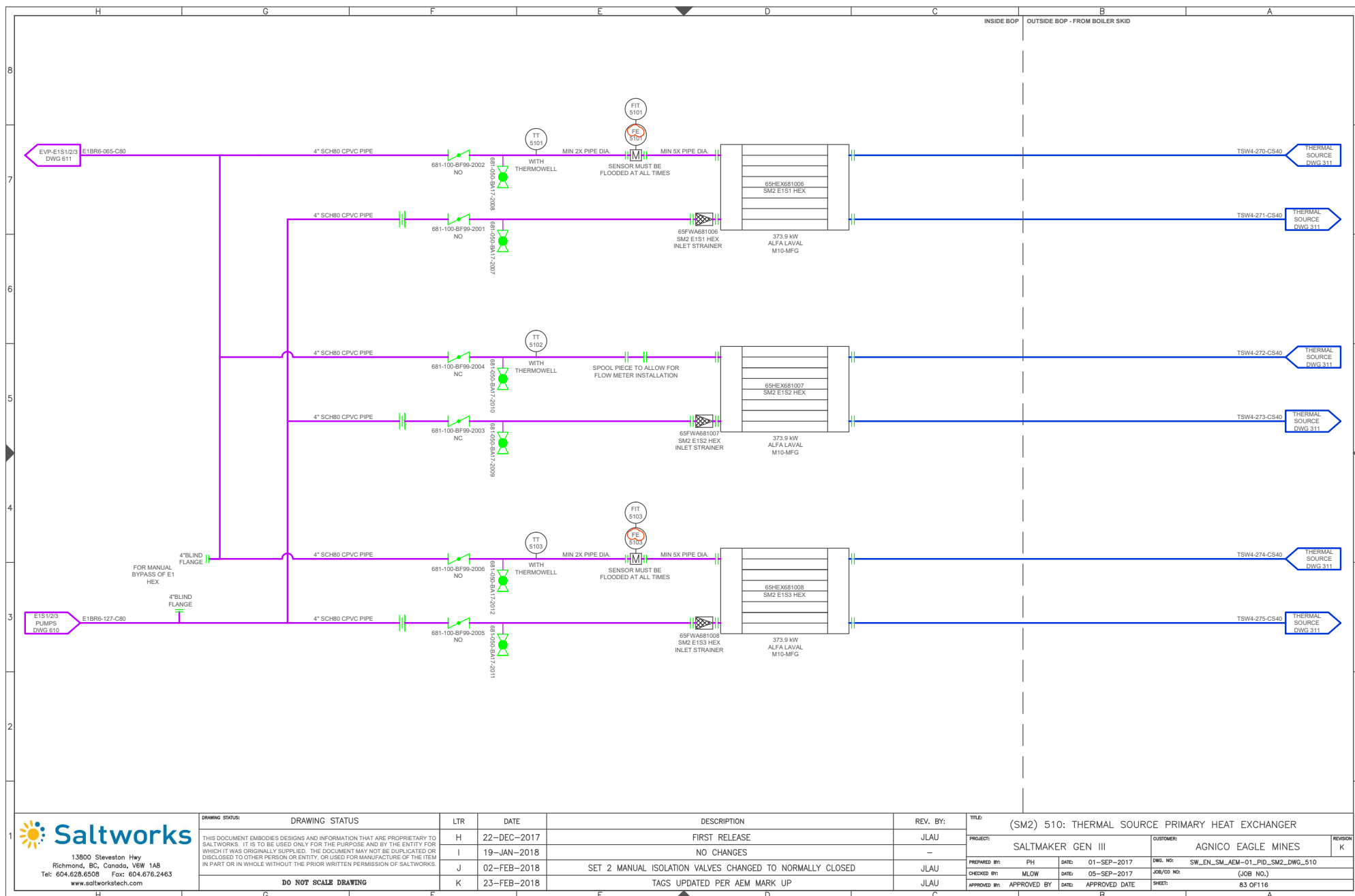
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		I	19-JAN-2017	UPDATED DWG NUMBERS	JLAU	PROJECT: SALTMAKER GEN III
		J	02-FEB-2018	NO CHANGES	-	CUSTOMER: AGNICO EAGLE MINES
		K	23-FEB-2018	NO CHANGES	-	REVISION: K
	DO NOT SCALE DRAWING					PREPARED BY: JLAU
						DATE: 01-SEP-2017
						DWG. NO: DRAWING LIST 1
						CHECKED BY: MLOW
						DATE: 05-SEP-2017
						JOB/CO NO: (JOB NO.)
						APPROVED BY: APPROVED BY
						DATE: APPROVED DATE
						SHEET: # OF #

DRAWING LIST 2

SHEET NO.	DRAWING NO.	DESCRIPTION	SHEET NO.	DRAWING NO.	DESCRIPTION
61	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_412	EH1/EH2 EXTRACT AND CIP AIR	83	SW_EN_SM_AEM-01_PID_SM2_DWG_510	SALTMAKER 2 (SM2)
62	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_413	PLUG PREVENTION PUMP AIR	84	SW_EN_SM_AEM-01_PID_SM2_DWG_520	THERMAL SOURCE PRIMARY HEAT EXCHANGERS
63	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_414	AIR SEAL, STAND PIPE AND E2/E3 SE AIR	85	SW_EN_SM_AEM-01_PID_SM2_DWG_530	CONDENSED WATER SYSTEM
64	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_415	UTILITY AIR	86	SW_EN_SM_AEM-01_PID_SM2_DWG_550	FEED DISTRIBUTION
65	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_416	BOP1 AIR SOLENOID BANK	87	SW_EN_SM_AEM-01_PID_SM2_DWG_551	CIP TANKS
66	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_417	E2/E3 SE AIR SOLENOID BANK	88	SW_EN_SM_AEM-01_PID_SM2_DWG_560	CIP PUMP SKID
67	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_418	BOP2 AIR SOLENOID BANK	89	SW_EN_SM_AEM-01_PID_SM2_DWG_561	EFFECT HOLD 1
68	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_419	BOP3 AIR SOLENOID BANK	90	SW_EN_SM_AEM-01_PID_SM2_DWG_562	EFFECT HOLD 2
69	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_420	CIP, EH/SY AIR SOLENOID BANK	91	SW_EN_SM_AEM-01_PID_SM2_DWG_563	SYSTEM HOLD
70	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_421	H1/H2 SE AIR SOLENOID BANK	92	SW_EN_SM_AEM-01_PID_SM2_DWG_564	CALCIUM EXTRACTION
71	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_450	COMPRESSED AIR-SM2 SM INSTRUMENT AND PROCESS AIR	93	SW_EN_SM_AEM-01_PID_SM2_DWG_565	EH1 SOLIDS EXTRACTION
72	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_451	EH1/EH2 EXTRACT AND CIP AIR	94	SW_EN_SM_AEM-01_PID_SM2_DWG_580	EH2 SOLIDS EXTRACTION
73	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_452	EFFECT/SYSTEM HOLD AND CAL EXTRACTION AIR	95	SW_EN_SM_AEM-01_PID_SM2_DWG_610	DRIP TRAYS
74	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_453	PLUG PREVENTION PUMP AIR	96	SW_EN_SM_AEM-01_PID_SM2_DWG_611	EFFECT 1 TANK AND PUMPS
75	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_454	AIR SEAL, STAND PIPE AND E2/E3 SE AIR	97	SW_EN_SM_AEM-01_PID_SM2_DWG_613	EFFECT 1 MODULES
76	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_455	UTILITY AIR	98	SW_EN_SM_AEM-01_PID_SM2_DWG_614	EFFECT 1 PUMP SEAL FLUSH
77	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_456	BOP1 AIR SOLENOID BANK	99	SW_EN_SM_AEM-01_PID_SM2_DWG_620	EFFECT 1 AIR SEALS
78	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_457	E2/E3 SE AIR SOLENOID BANK	100	SW_EN_SM_AEM-01_PID_SM2_DWG_621	EFFECT 2 TANK AND PUMPS
79	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_458	BOP2 AIR SOLENOID BANK	101	SW_EN_SM_AEM-01_PID_SM2_DWG_622	EFFECT 2 MODULES
80	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_459	BOP3 AIR SOLENOID BANK	102	SW_EN_SM_AEM-01_PID_SM2_DWG_623	EFFECT 2 SOLIDS EXTRACTION
81	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_460	CIP, EH/SY AIR SOLENOID BANK	103	SW_EN_SM_AEM-01_PID_SM2_DWG_624	EFFECT 2 PUMP SEAL FLUSH
82	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_461	H1/H2 SE AIR SOLENOID BANK	104	SW_EN_SM_AEM-01_PID_SM2_DWG_630	EFFECT 2 AIR SEALS
			105	SW_EN_SM_AEM-01_PID_SM2_DWG_631	EFFECT 3 TANK AND PUMPS
			106	SW_EN_SM_AEM-01_PID_SM2_DWG_632	EFFECT 3 MODULES
			107	SW_EN_SM_AEM-01_PID_SM2_DWG_633	EFFECT 3 SOLIDS EXTRACTION
			108	SW_EN_SM_AEM-01_PID_SM2_DWG_634	EFFECT 3 PUMP SEAL FLUSH
			109	SW_EN_SM_AEM-01_PID_SM2_DWG_640	EFFECT 3 AIR SEALS
			110	SW_EN_SM_AEM-01_PID_SM2_DWG_641	EFFECT 4 TANK AND PUMPS
			111	SW_EN_SM_AEM-01_PID_SM2_DWG_643	EFFECT 4 MODULES
			112	SW_EN_SM_AEM-01_PID_SM2_DWG_644	EFFECT 4 PUMP SEAL FLUSH
			113	SW_EN_SM_AEM-01_PID_SM2_DWG_650	EFFECT 4 AIR SEALS
			114	SW_EN_SM_AEM-01_PID_SM2_DWG_651	EFFECT 5 TANK AND PUMPS
			115	SW_EN_SM_AEM-01_PID_SM2_DWG_653	EFFECT 5 MODULES
			116	SW_EN_SM_AEM-01_PID_SM2_DWG_654	EFFECT 5 PUMP SEAL FLUSH
					EFFECT 5 AIR SEALS
				USW_17041_100D	<u>VENDOR DRAWINGS</u> POST TREATMENT RO

 13800 Steveston Hwy Richmond, BC, Canada, V6W 1A8 Tel: 604.628.6508 Fax: 604.676.2463 www.saltworkstech.com	DRAWING STATUS:	DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE: DRAWING LIST 2			
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		I	19-JAN-2018	UPDATED DWG NUMBERS	JLAU	PREPARED BY: JLAU		DATE: 01-SEP-2017	DWG. NO: DRAWING LIST 2	
		J	02-FEB-2018	NO CHANGES	--	CHECKED BY: MLOW		DATE: 05-SEP-2017	JOB/CO NO: (JOB NO.)	
		K	23-FEB-2018	NO CHANGES	--	APPROVED BY: APPROVED BY		DATE: APPROVED DATE	SHEET: # OF #	

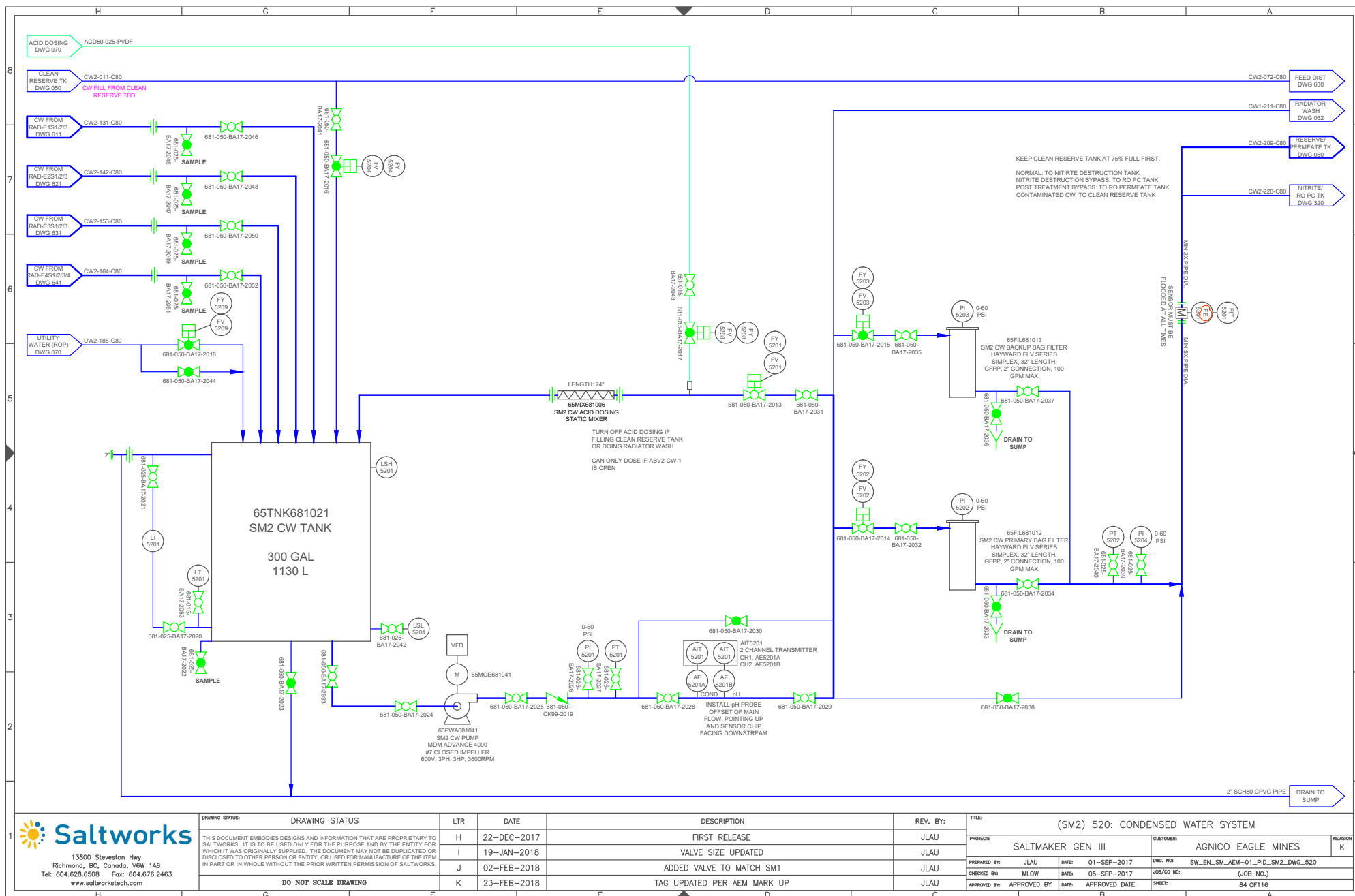




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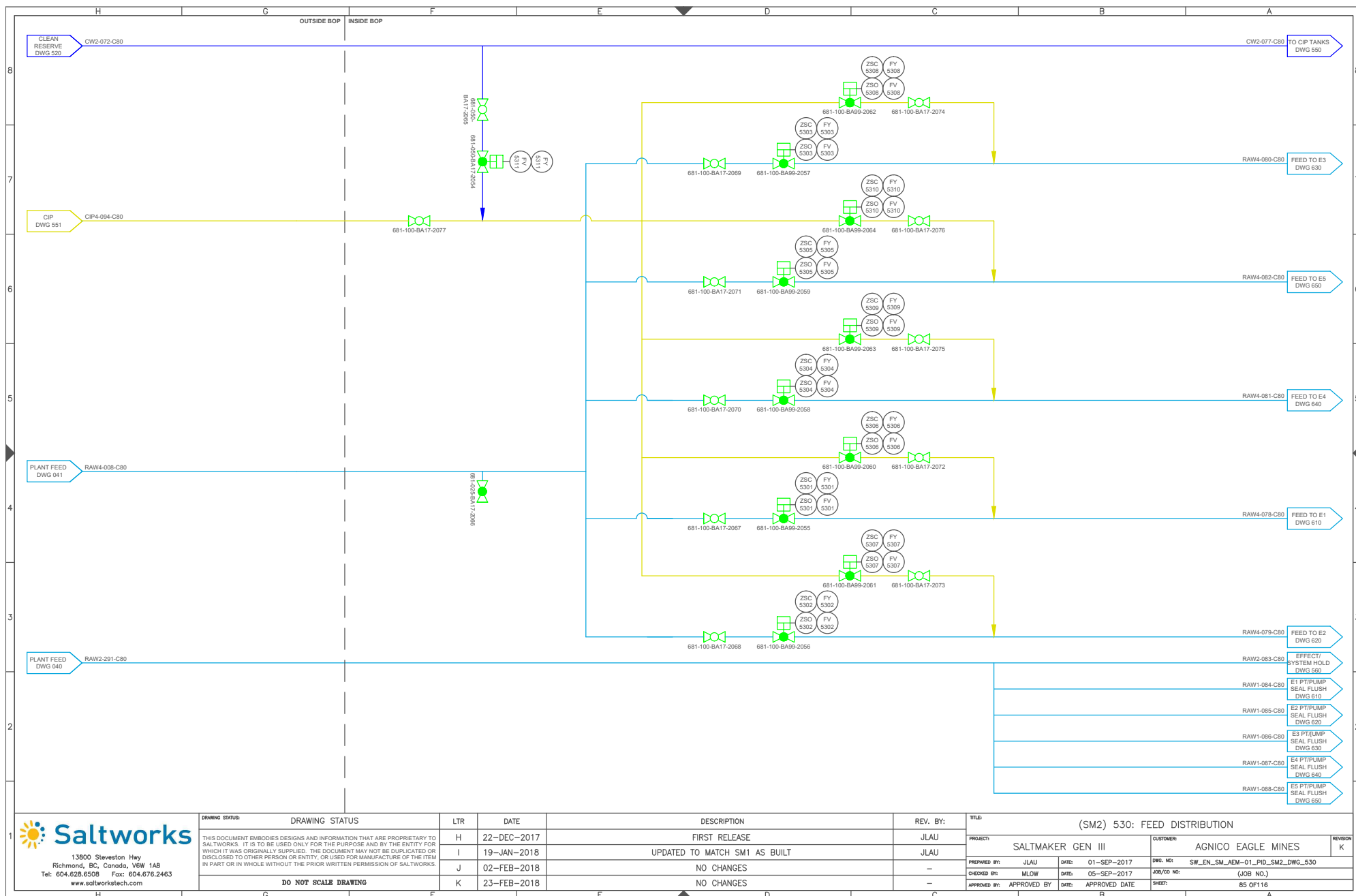
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	DO NOT SCALE DRAWING	I	19-JAN-2018	NO CHANGES	-				
		J	02-FEB-2018	SET 2 MANUAL ISOLATION VALVES CHANGED TO NORMALLY CLOSED	JLAU				
		K	23-FEB-2018	TAGS UPDATED PER AEM MARK UP	JLAU				

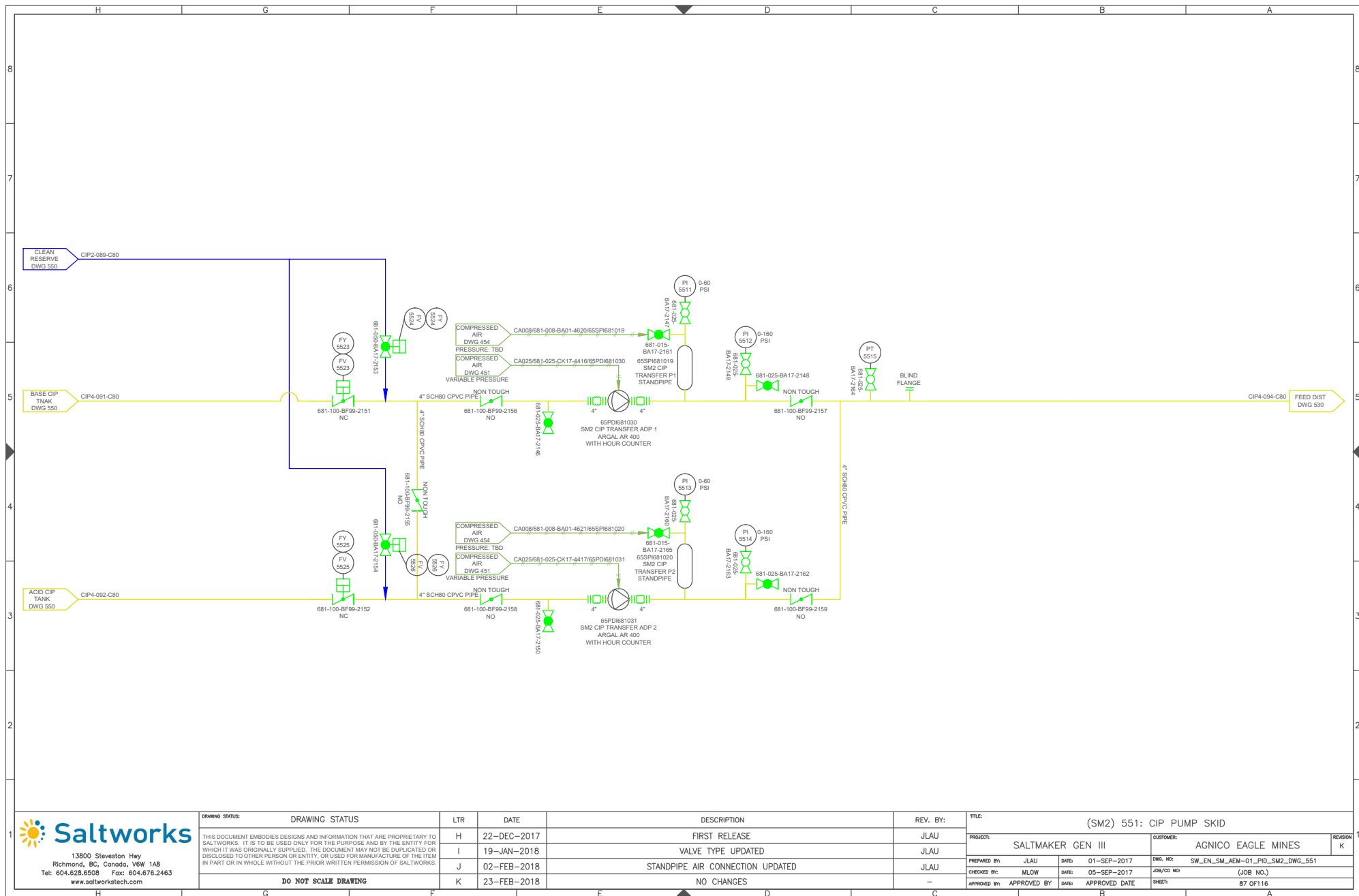
PREPARED BY:	PH	DATE:	01-SEP-2017	DWG. NO:	SW_EN_SM_AEM-01_PID_SM2_DWG_510
CHECKED BY:	MLOW	DATE:	05-SEP-2017	JOB/CD NO:	(JOB NO.)
APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE	SHEET:	83 OF 116

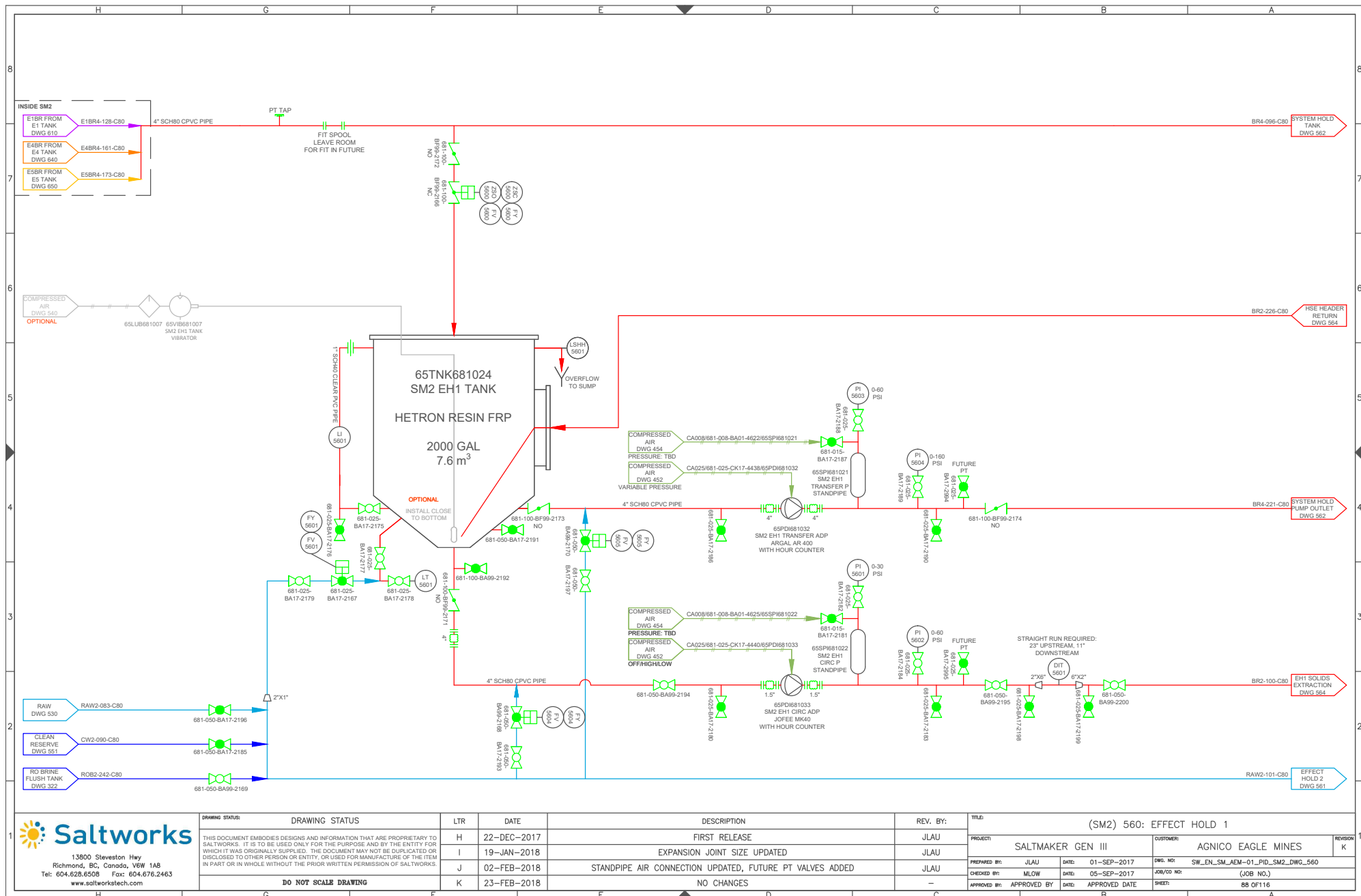


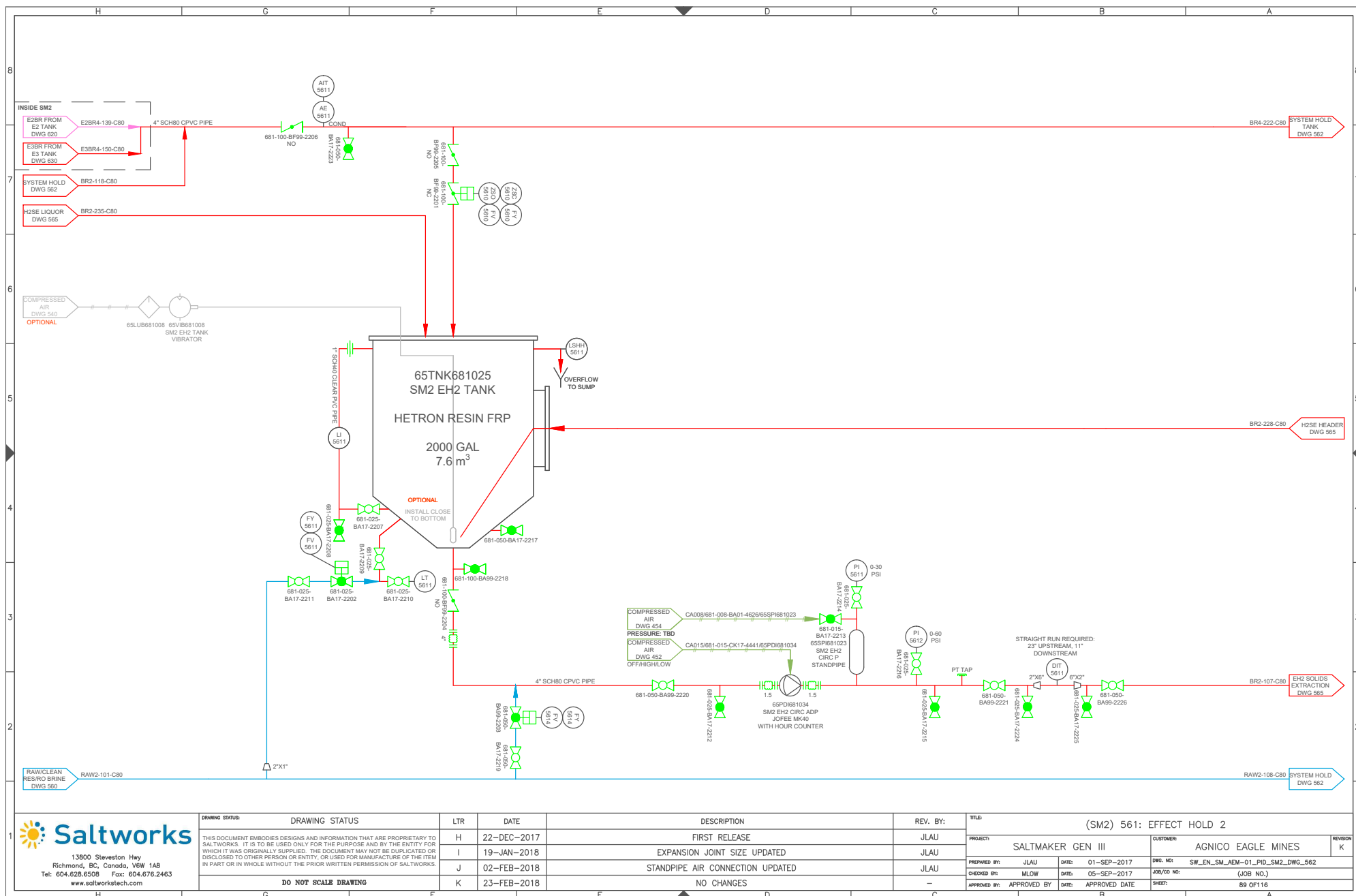
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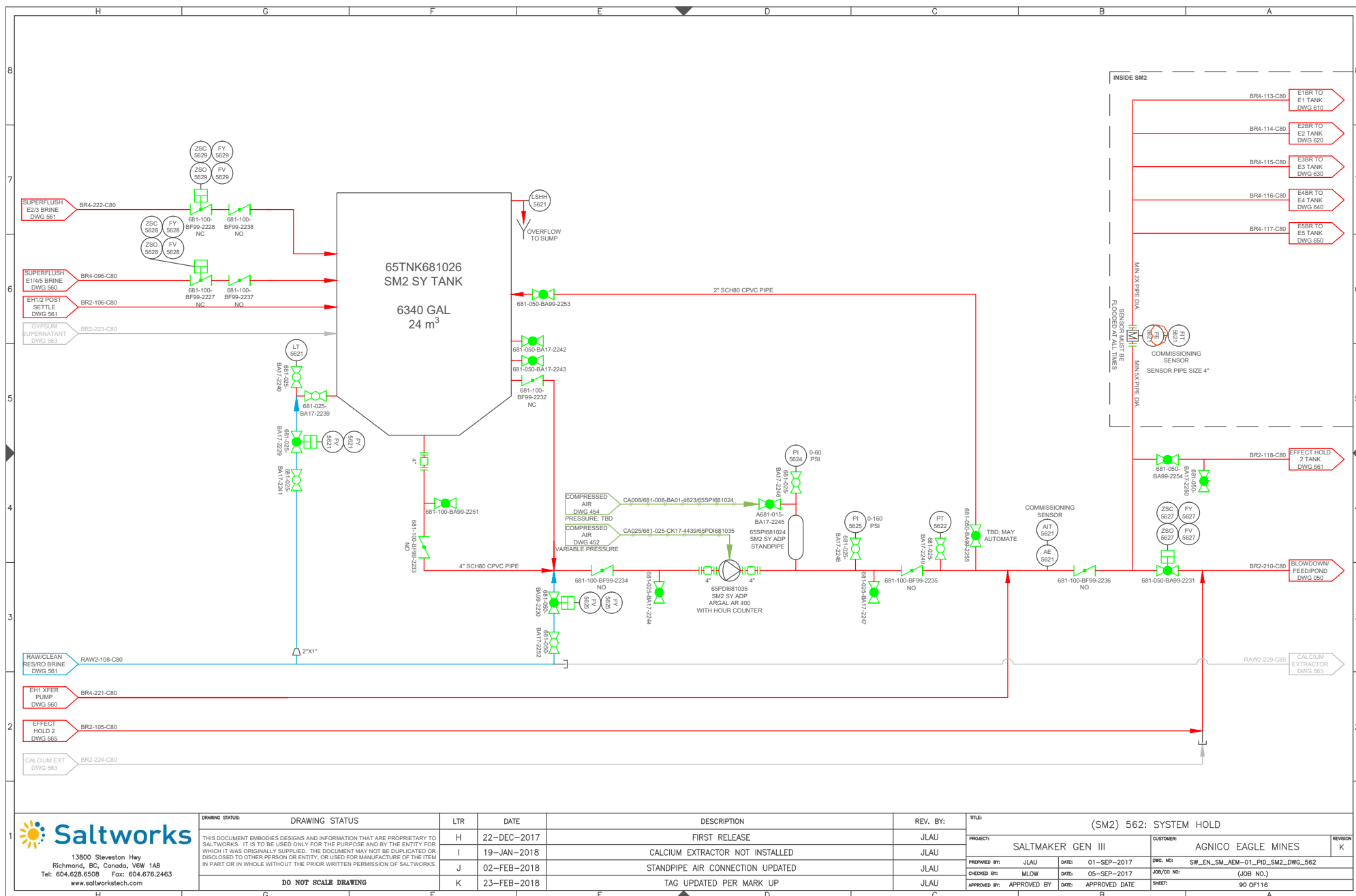
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DO NOT SCALE DRAWING	I	19-JAN-2018	VALVE SIZE UPDATED	JLAU	SALTMAKER GEN III
	J	02-FEB-2018	ADDED VALVE TO MATCH SM1	JLAU	CUSTOMER: AGNICO EAGLE MINES
	K	23-FEB-2018	TAG UPDATED PER AEM MARK UP	JLAU	PREPARED BY: JLAU DATE: 01-SEP-2017 DWG. NO: SW_EN_SM_AEM-01_PID_SM2_DWG_520
					CHECKED BY: MLOW DATE: 05-SEP-2017 JOB/CO NO: (JOB NO.)
					APPROVED BY: APPROVED BY DATE: APPROVED DATE SHEET: 84 OF 116





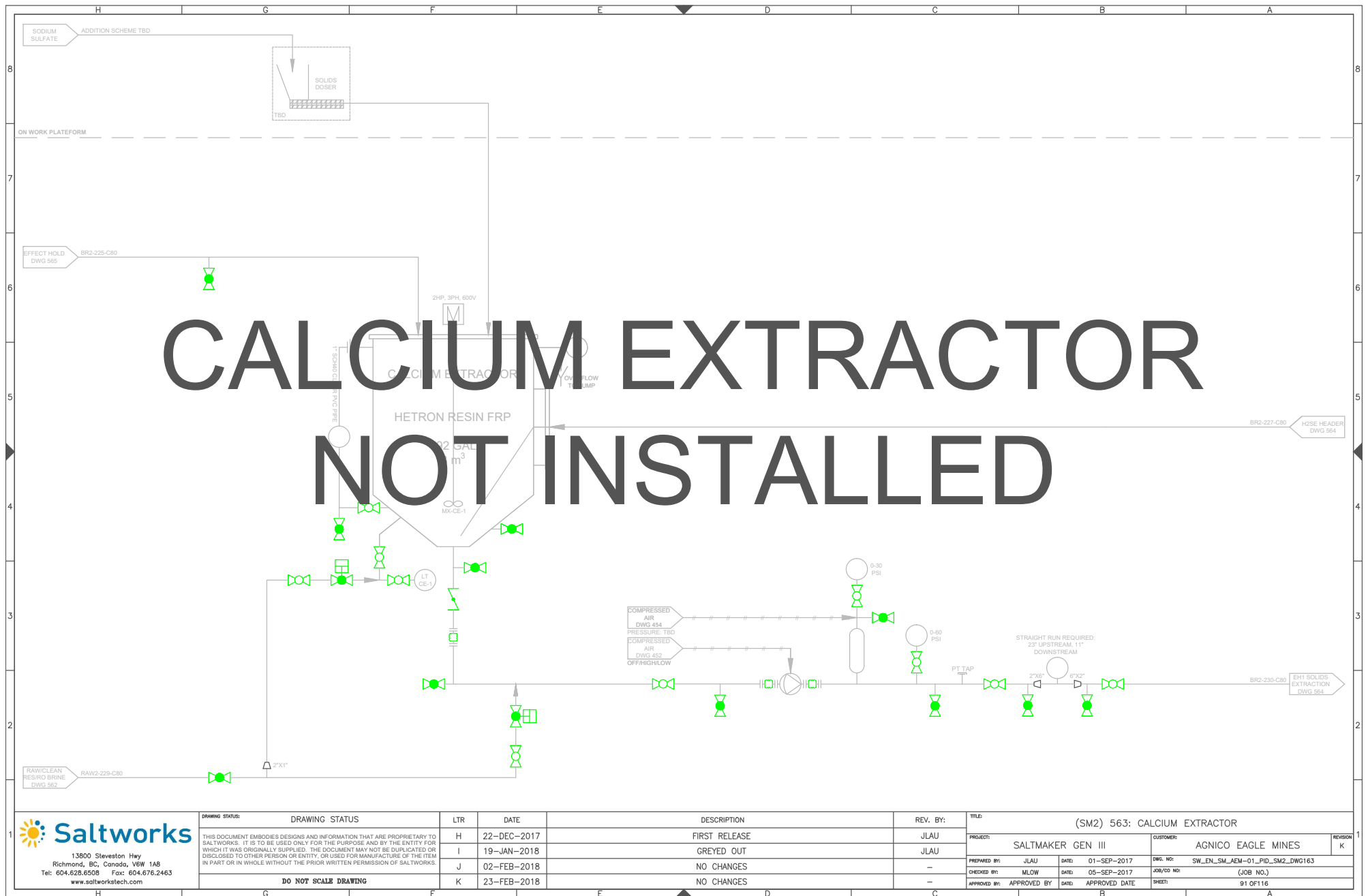






CALCIUM EXTRACTOR

NOT INSTALLED

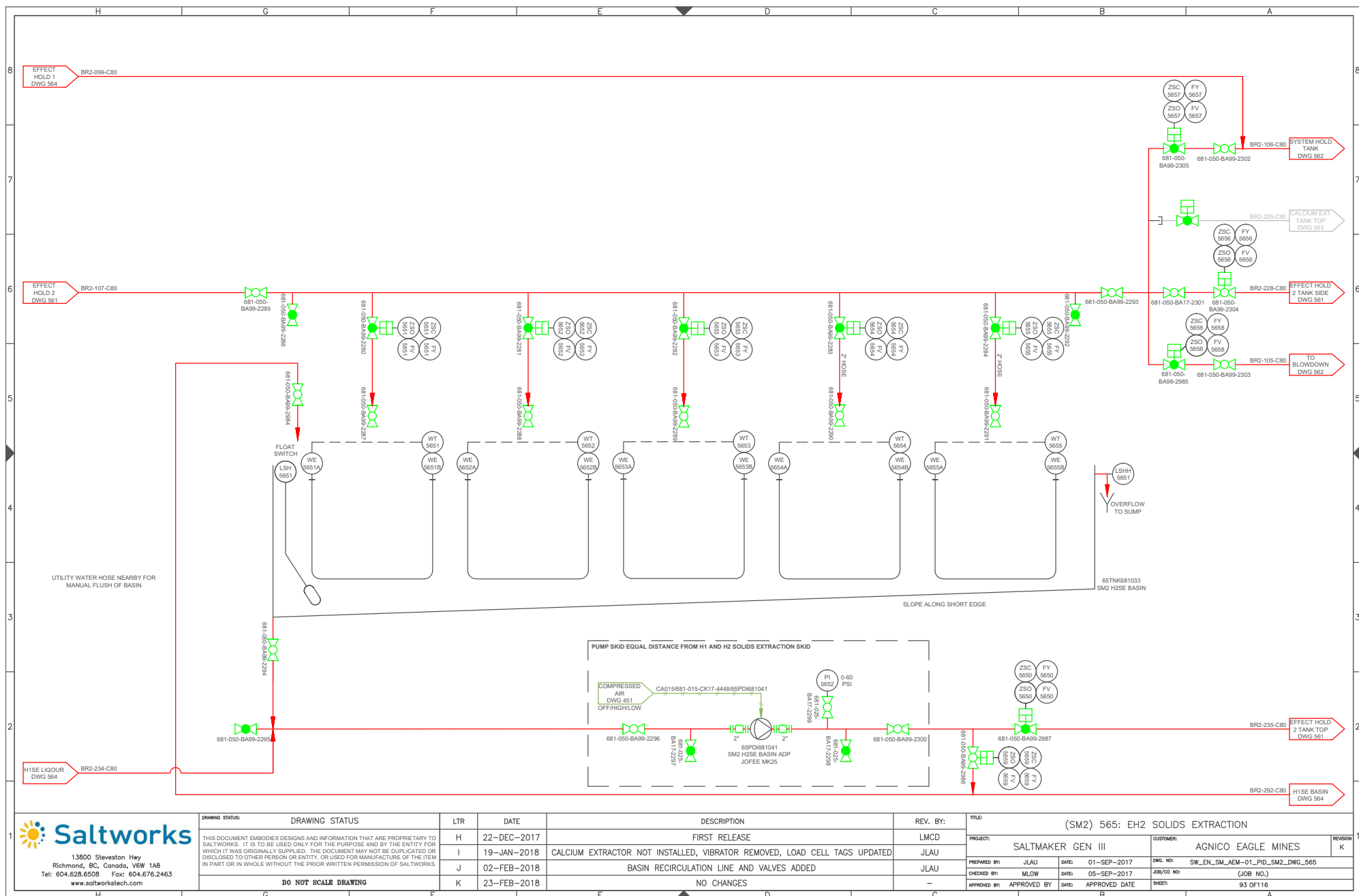


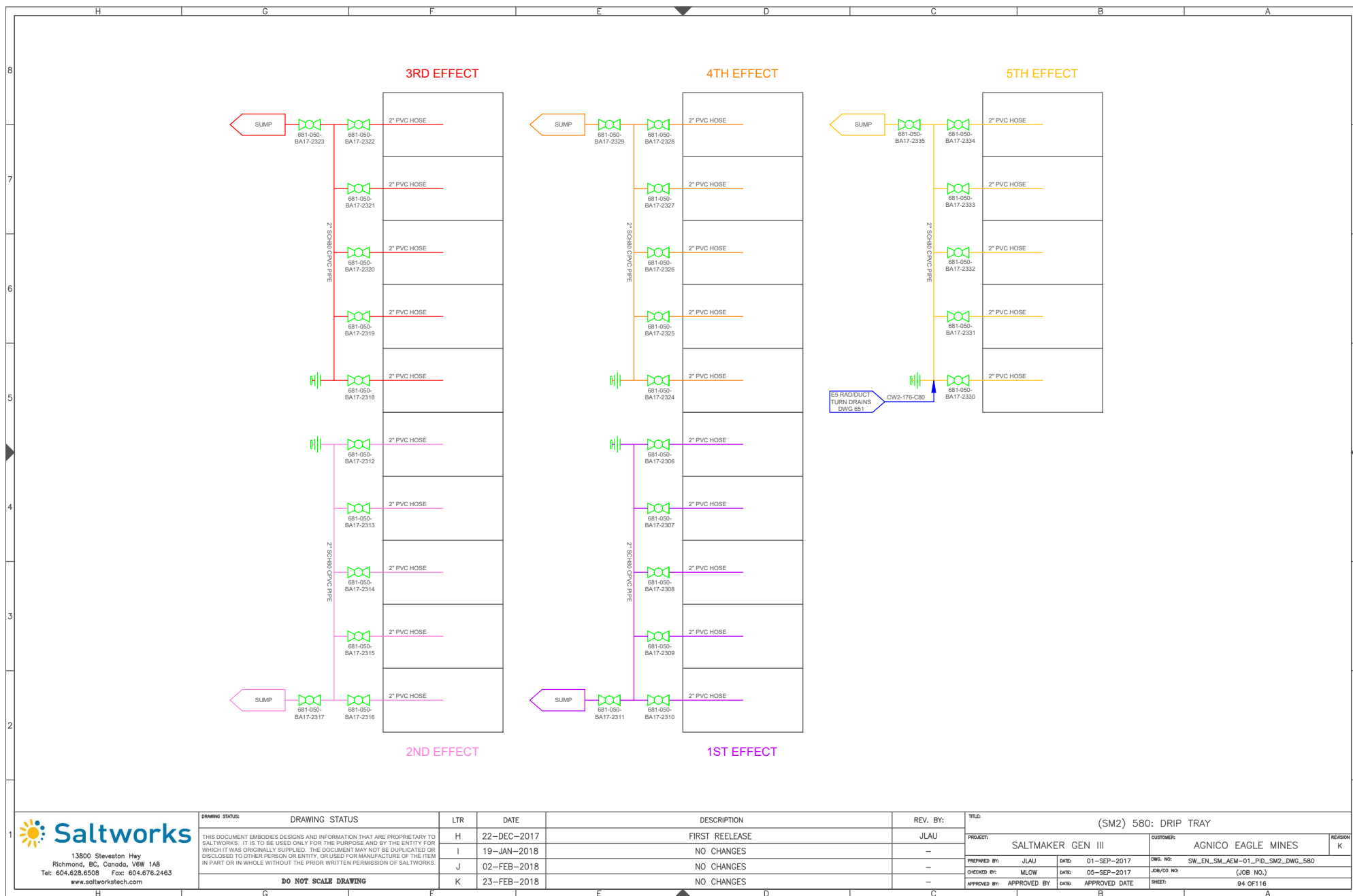
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DO NOT SCALE DRAWING	

LTR	DATE	DESCRIPTION	REV. BY:
H	22-DEC-2017	FIRST RELEASE	JLAU
I	19-JAN-2018	GREYED OUT	JLAU
J	02-FEB-2018	NO CHANGES	-
K	23-FEB-2018	NO CHANGES	-

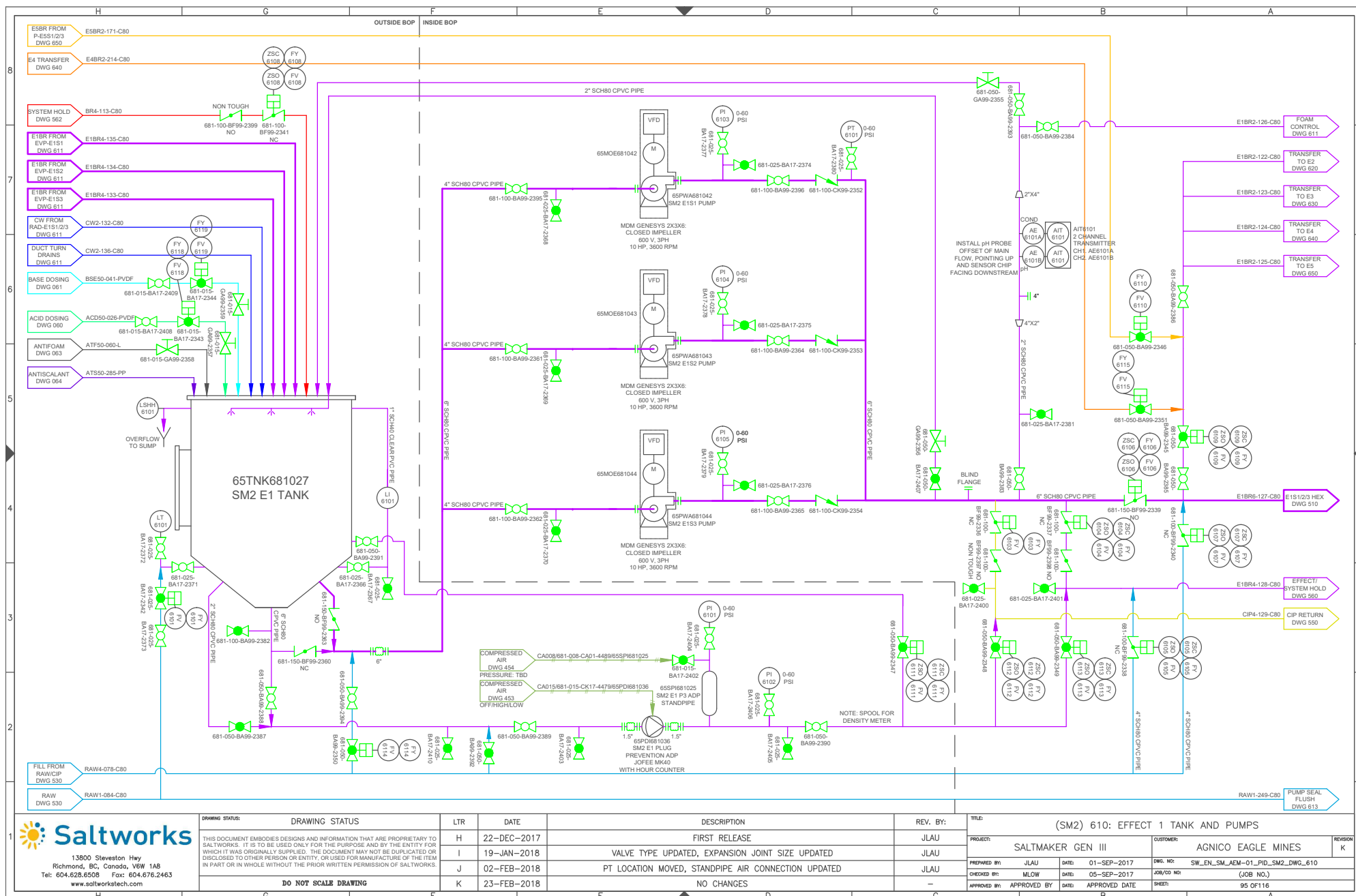
TITLE:	(SM2) 563: CALCIUM EXTRACTOR			REVISION
PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	K
PREPARED BY:	JLAU	DATE:	01-SEP-2017	DWG. NO:
CHECKED BY:	MLOW	DATE:	05-SEP-2017	SW_EN_SM_AEM-01_PID_SM2_DWG163
APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE	JOB/CD NO:
				(JOB NO.)
				SHEET:
				91 OF 116





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		I	19-JAN-2018	NO CHANGES	-	PROJECT: SALTMAKER GEN III
		J	02-FEB-2018	NO CHANGES	-	CUSTOMER: AGNICO EAGLE MINES
		K	23-FEB-2018	NO CHANGES	-	PREPARED BY: JLAU DATE: 01-SEP-2017 DWG. NO: SW_EN_SM_AEM-01_PID_SM2_DWG_580
						CHECKED BY: MLOW DATE: 05-SEP-2017 JOB/CD NO: (JOB NO.)
						APPROVED BY: APPROVED BY DATE: APPROVED DATE SHEET: 94 OF 116
	DO NOT SCALE DRAWING					

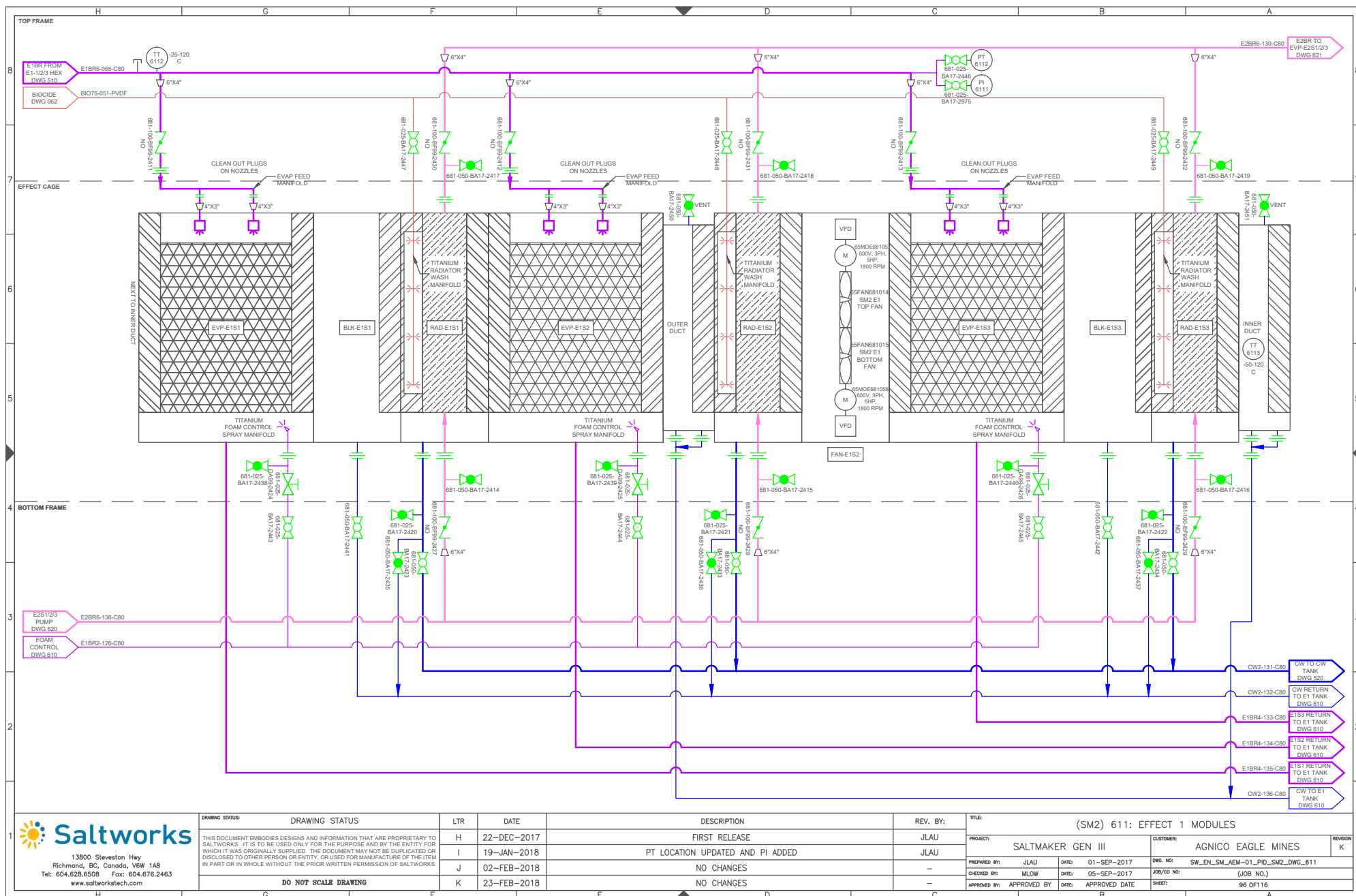


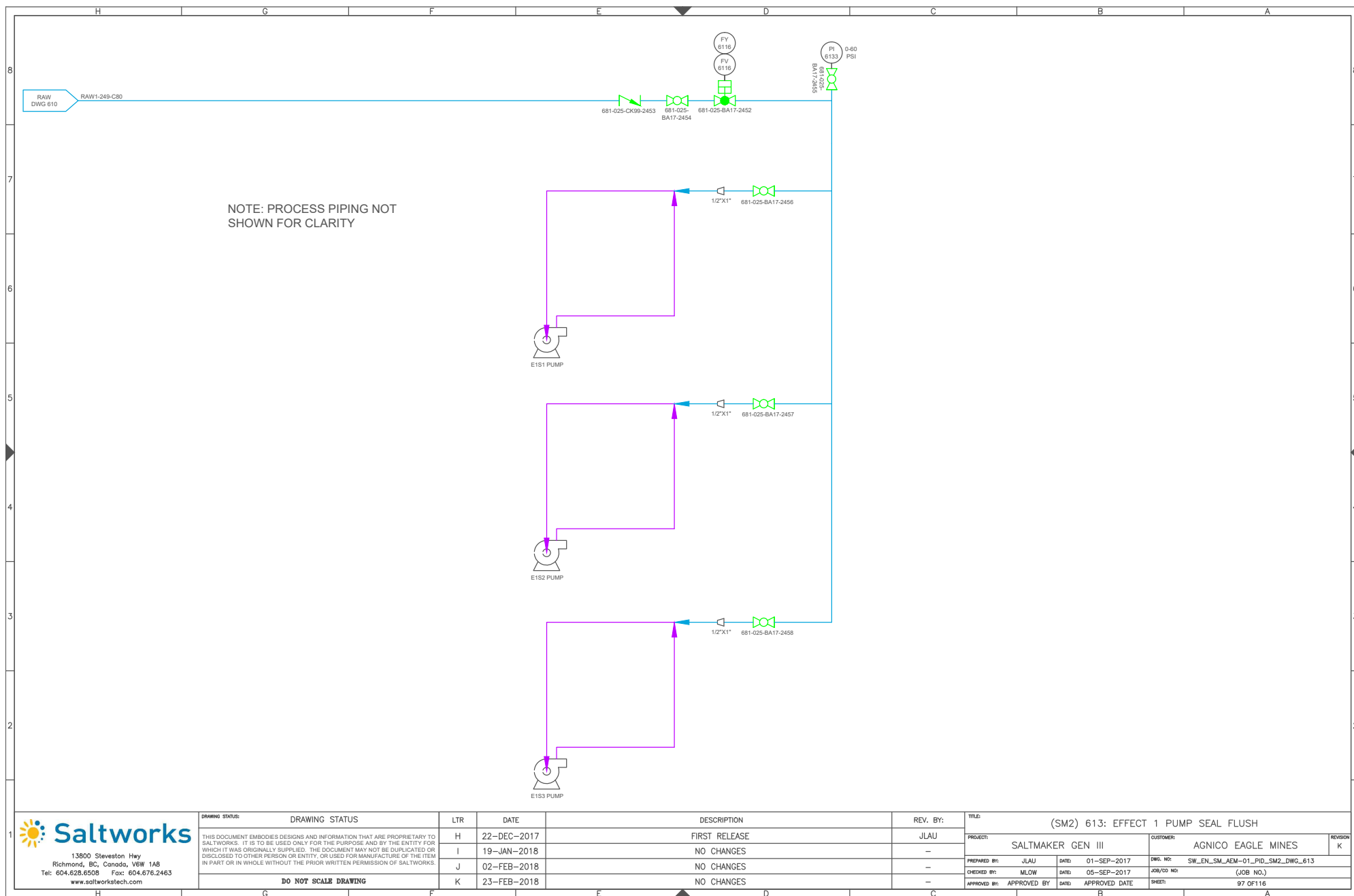
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PREPARED BY: JLAU DATE: 01-SEP-2017 DWG. NO: SW_EN_SM_AEM-01_PID_SM2_DWG_610
CHECKED BY: MLOW DATE: 05-SEP-2017 JOB/CO NO: (JOB NO.)
APPROVED BY: APPROVED BY DATE: APPROVED DATE SHEET: 95 OF 116





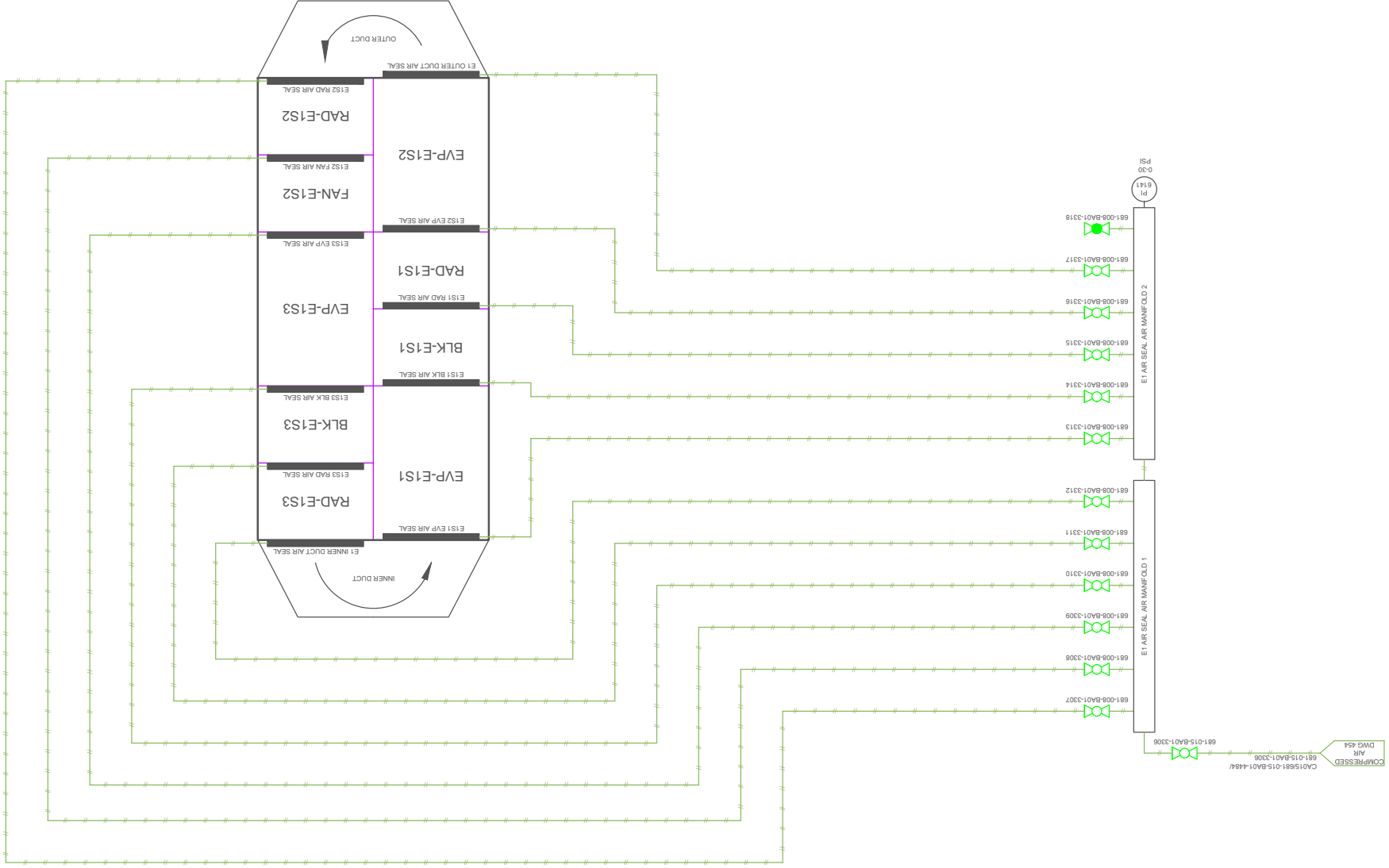
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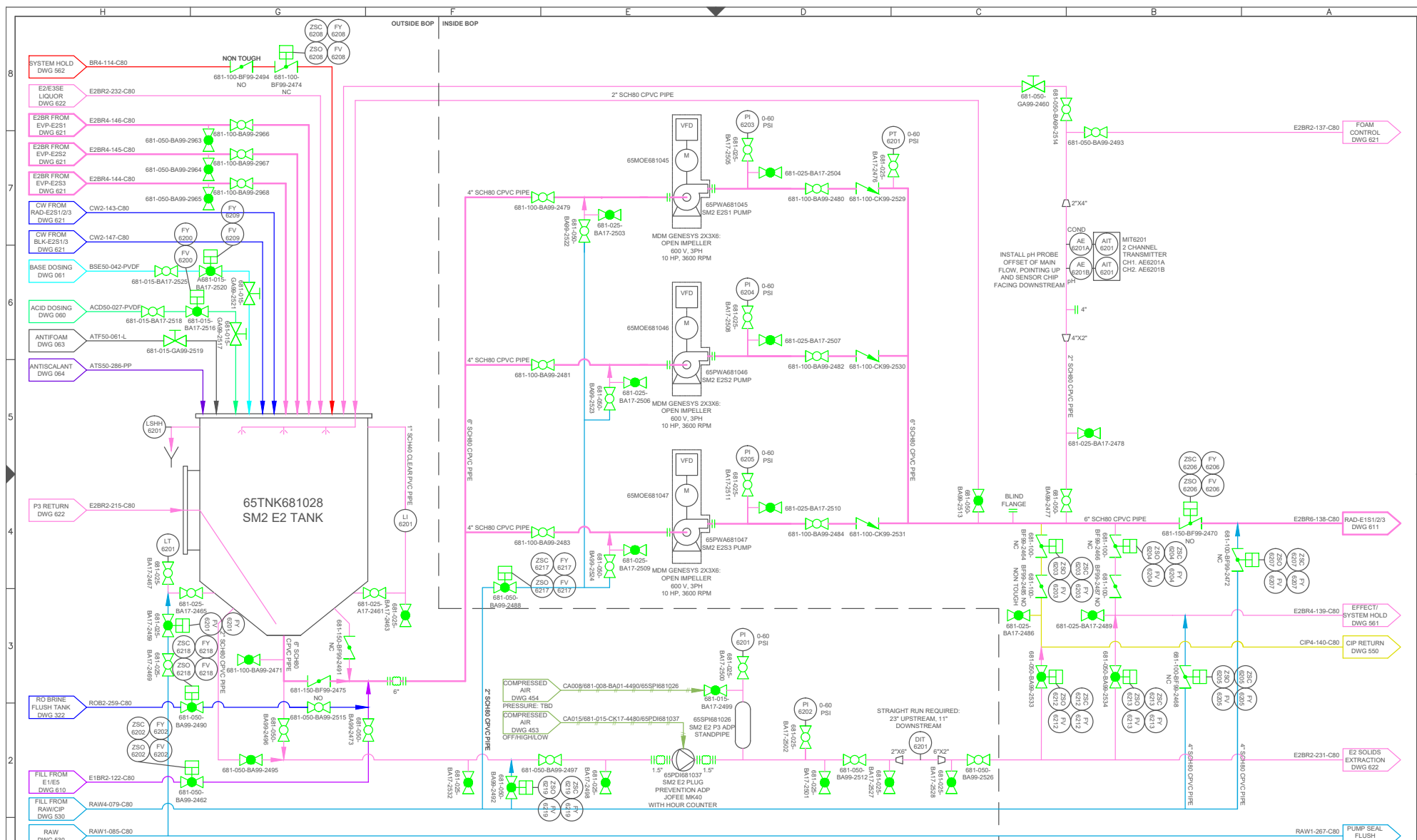
DRAWING STATUS	LTR	DATE
DO NOT SCALE DRAWING	K	23-FEB-2018
	J	02-FEB-2018
	I	19-JAN-2018
	H	22-DEC-2017

DESCRIPTION	REV. BY:	THRU
FIRST RELEASE	JLJU	
TAGS AND AIR SEAL LOCATION UPDATED		
NO CHANGES		
NO CHANGES		

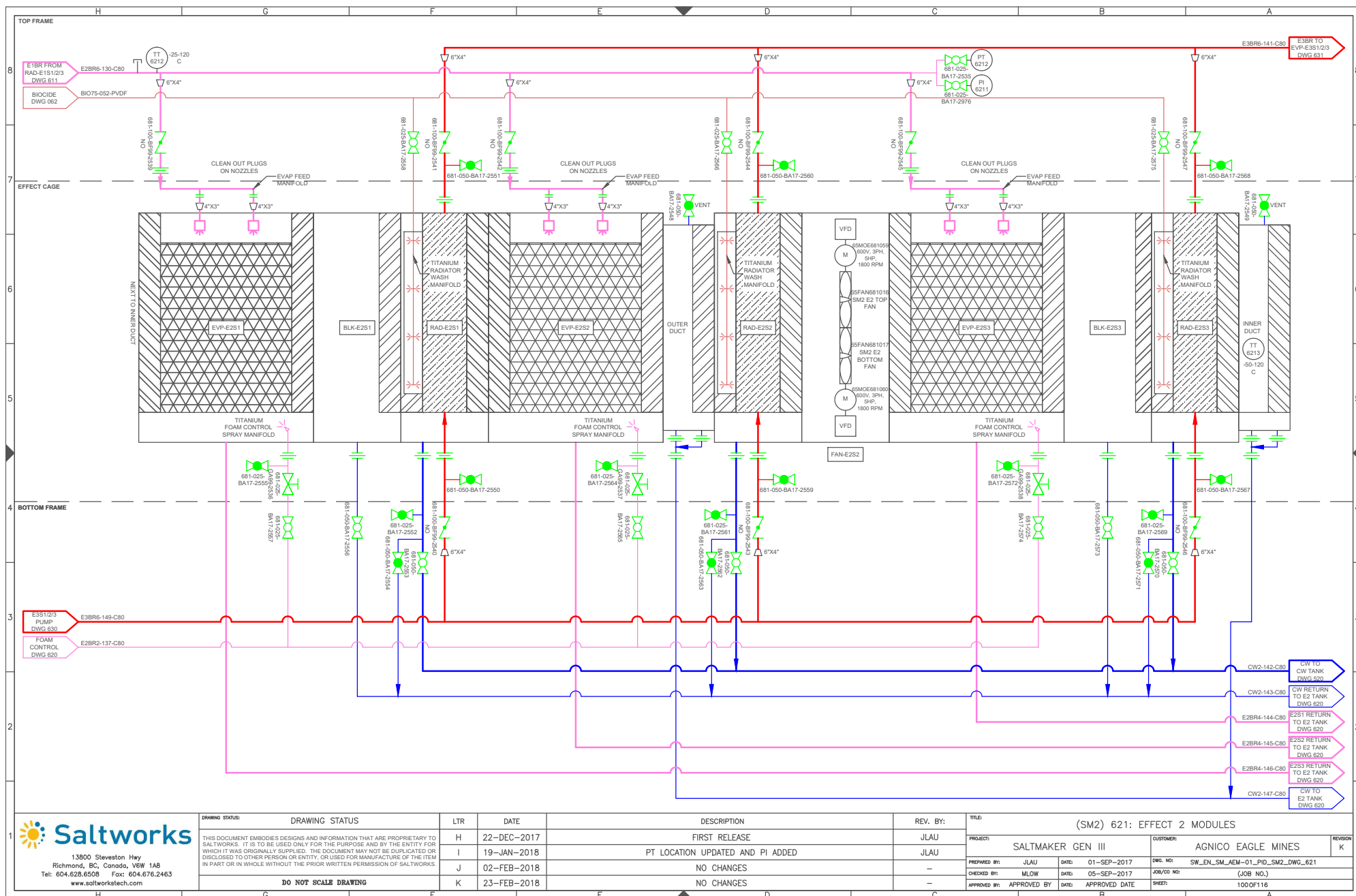
PROJECT	PREPARED BY:	CHECKED BY:	APPROVED BY:
SALTMAKER GEN III	JLJU	JLJU	JLJU
CUSTOMER:	DATE:	DATE:	DATE:
AGNICO EAGLE MINES	01-SEP-2017	05-SEP-2017	08-OCT-2017

REVISION	NO.	DESCRIPTION
K	1	(SMT) 614: EFFECT 1 AIR SEALS





DRAWING STATUS		LTR	DATE	DESCRIPTION	REV. BY:	TITLE: (SM2) 620: EFFECT 2 TANK AND PUMPS		
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DO NOT SCALE DRAWING		I	19-JAN-2018	VALVE TYPE UPDATED, EXPANSION JOINT SIZE UPDATED	JLAU	CUSTOMER:	AGNICO EAGLE MINES	
		J	02-FEB-2018	PT LOCATION MOVED AND TAGS UPDATED, STANDPIPE AIR CONNECTION UPDATED	JLAU	PREPARED BY:	JLAU	DATE: 01-SEP-2017
		K	23-FEB-2018	NO CHANGES	-	CHECKED BY:	MLOW	DATE: 05-SEP-2017
						APPROVED BY:	APPROVED BY	DATE: APPROVED DATE
						DWG. NO:	SW_EN_SM_AEM-01_PID_SM2_DWG_620	
						JOB/CO NO:	(JOB NO.)	
						SHEET:	99 OF 116	



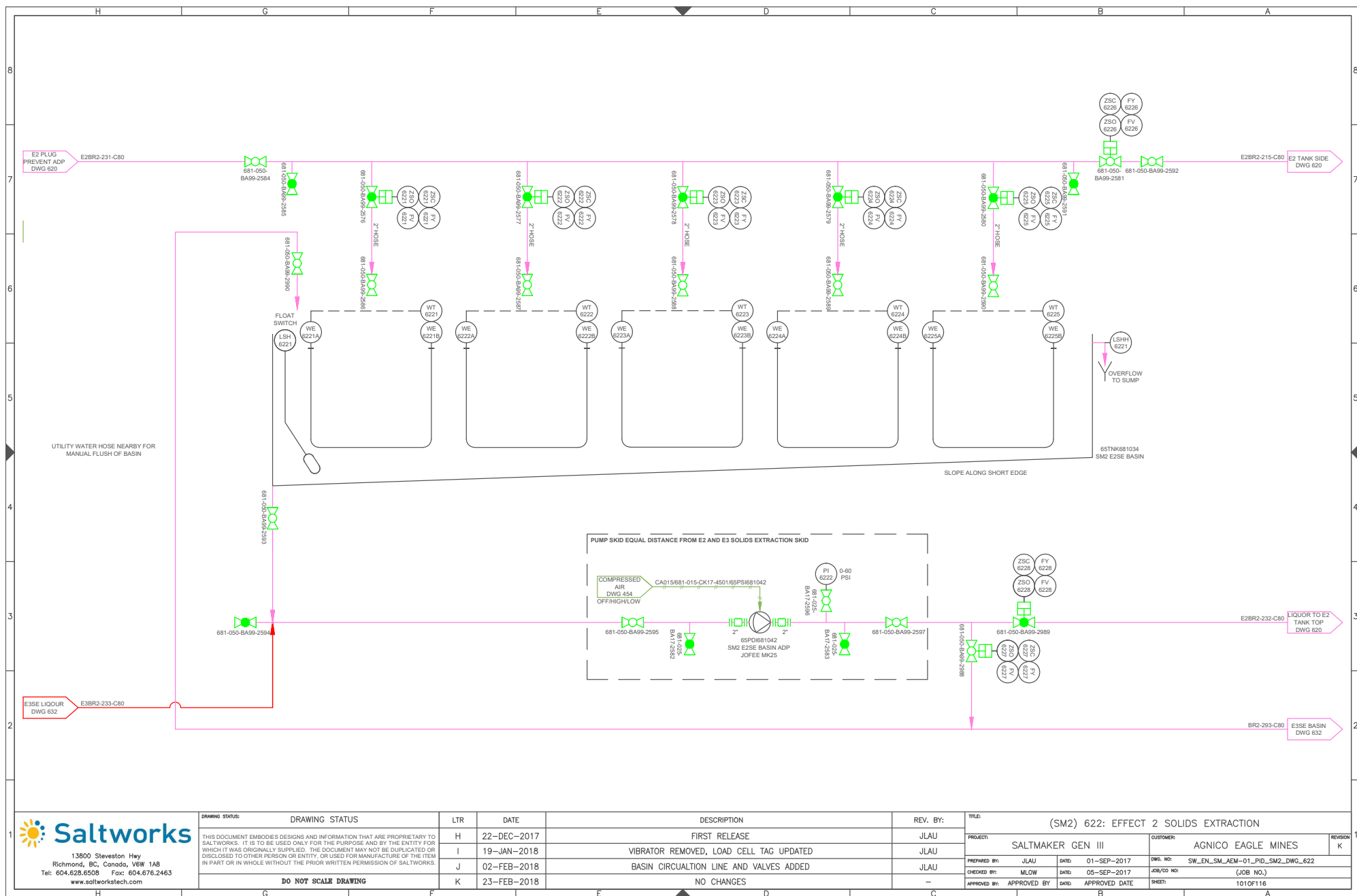
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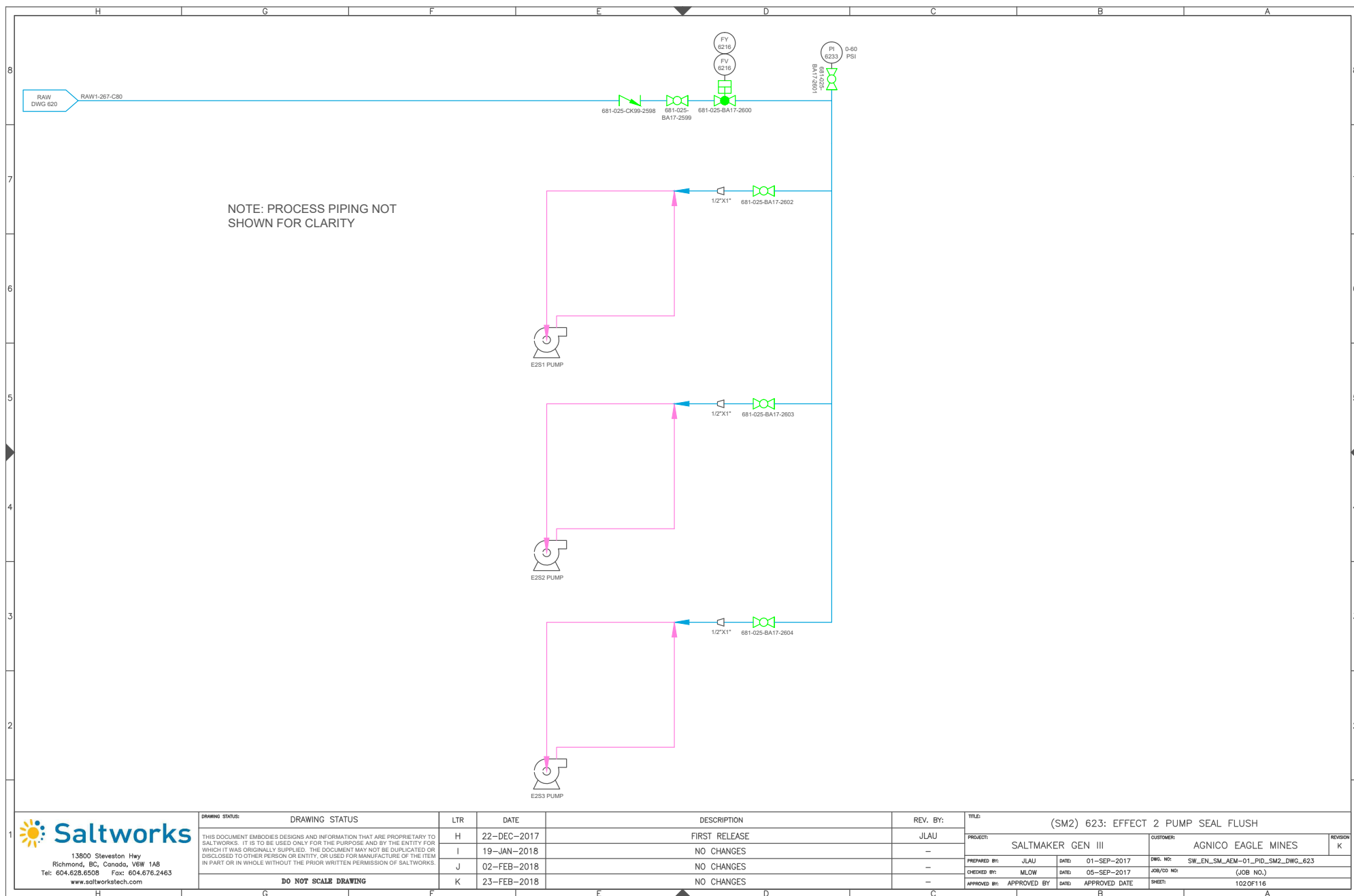
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THIS DOCUMENT EMBODIES DESIGNS AND INFORMATION THAT ARE PROPRIETARY TO SALTWORKS. IT IS TO BE USED ONLY FOR THE PURPOSE AND BY THE ENTITY FOR WHICH IT WAS ORIGINALLY SUPPLIED. THE DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO OTHER PERSON OR ENTITY, OR USED FOR MANUFACTURE OF THE ITEM IN PART OR IN WHOLE WITHOUT THE PRIOR WRITTEN PERMISSION OF SALTWORKS.	H	22-DEC-2017	FIRST RELEASE	JLAU	(SM2) 621: EFFECT 2 MODULES
	I	19-JAN-2018	PT LOCATION UPDATED AND PI ADDED	JLAU	
	J	02-FEB-2018	NO CHANGES	-	
	K	23-FEB-2018	NO CHANGES	-	

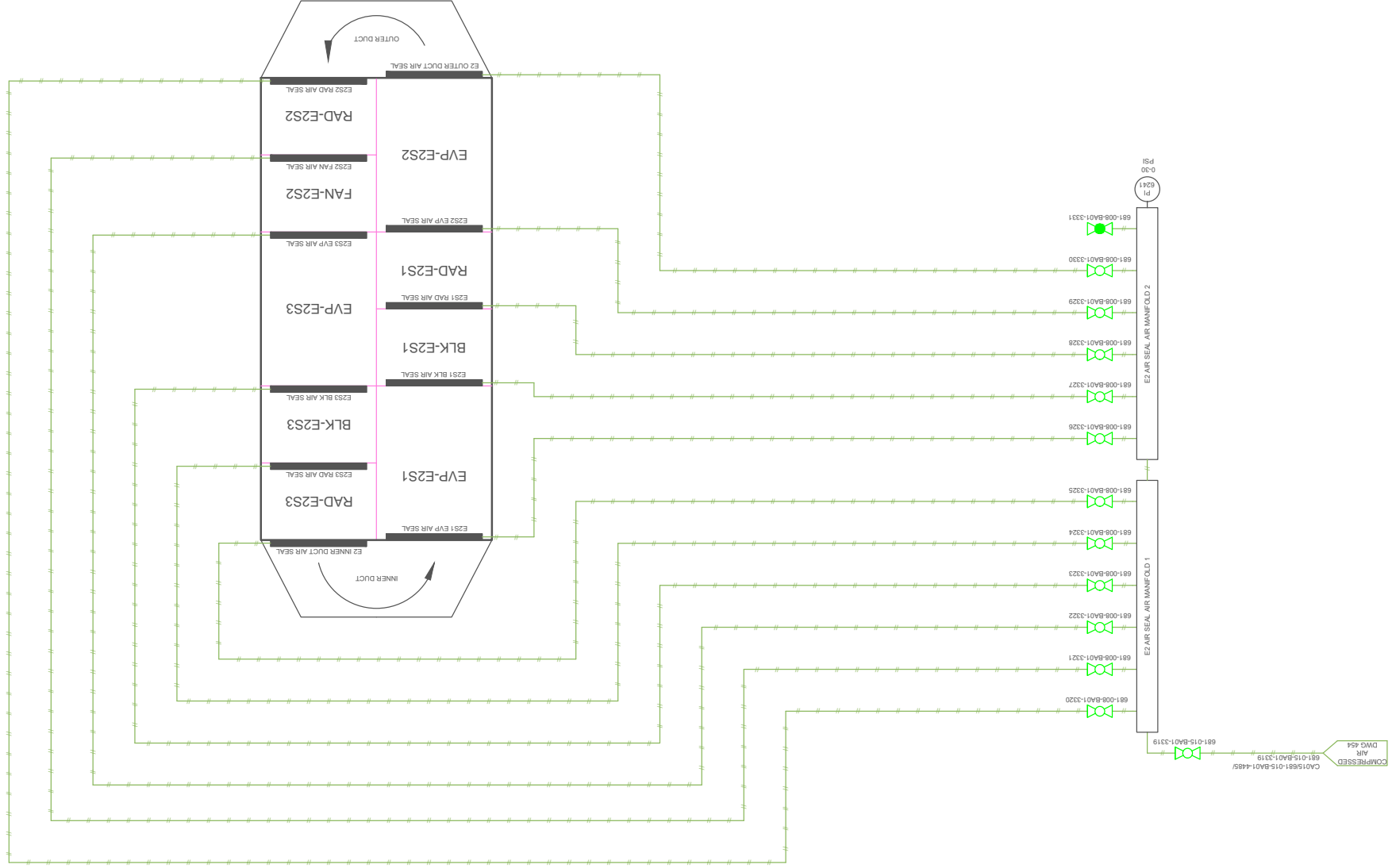
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THIS DOCUMENT EMBODIES DESIGNS AND INFORMATION THAT ARE PROPRIETARY TO SALTWORKS. IT IS TO BE USED ONLY FOR THE PURPOSE AND BY THE ENTITY FOR WHICH IT WAS ORIGINALLY SUPPLIED. THE DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO OTHER PERSON OR ENTITY, OR USED FOR MANUFACTURE OF THE ITEM IN PART OR IN WHOLE WITHOUT THE PRIOR WRITTEN PERMISSION OF SALTWORKS.	H	22-DEC-2017	FIRST RELEASE	JLAU	(SM2) 621: EFFECT 2 MODULES
	I	19-JAN-2018	PT LOCATION UPDATED AND PI ADDED	JLAU	
	J	02-FEB-2018	NO CHANGES	-	
	K	23-FEB-2018	NO CHANGES	-	

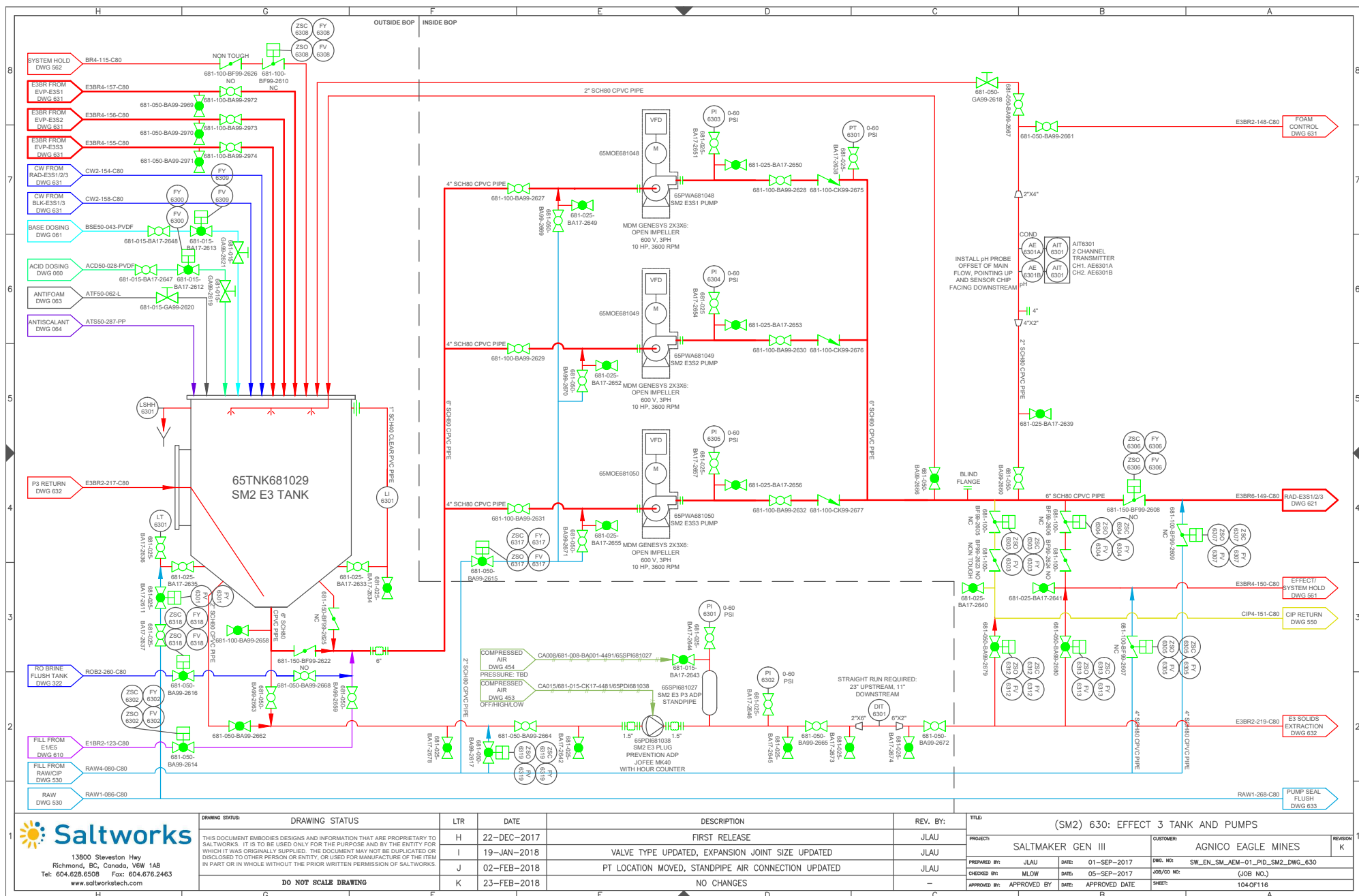
DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE:
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	I	19-JAN-2018	PT LOCATION UPDATED AND PI ADDED	JLAU	
	J	02-FEB-2018	NO CHANGES	-	
	K	23-FEB-2018	NO CHANGES	-	

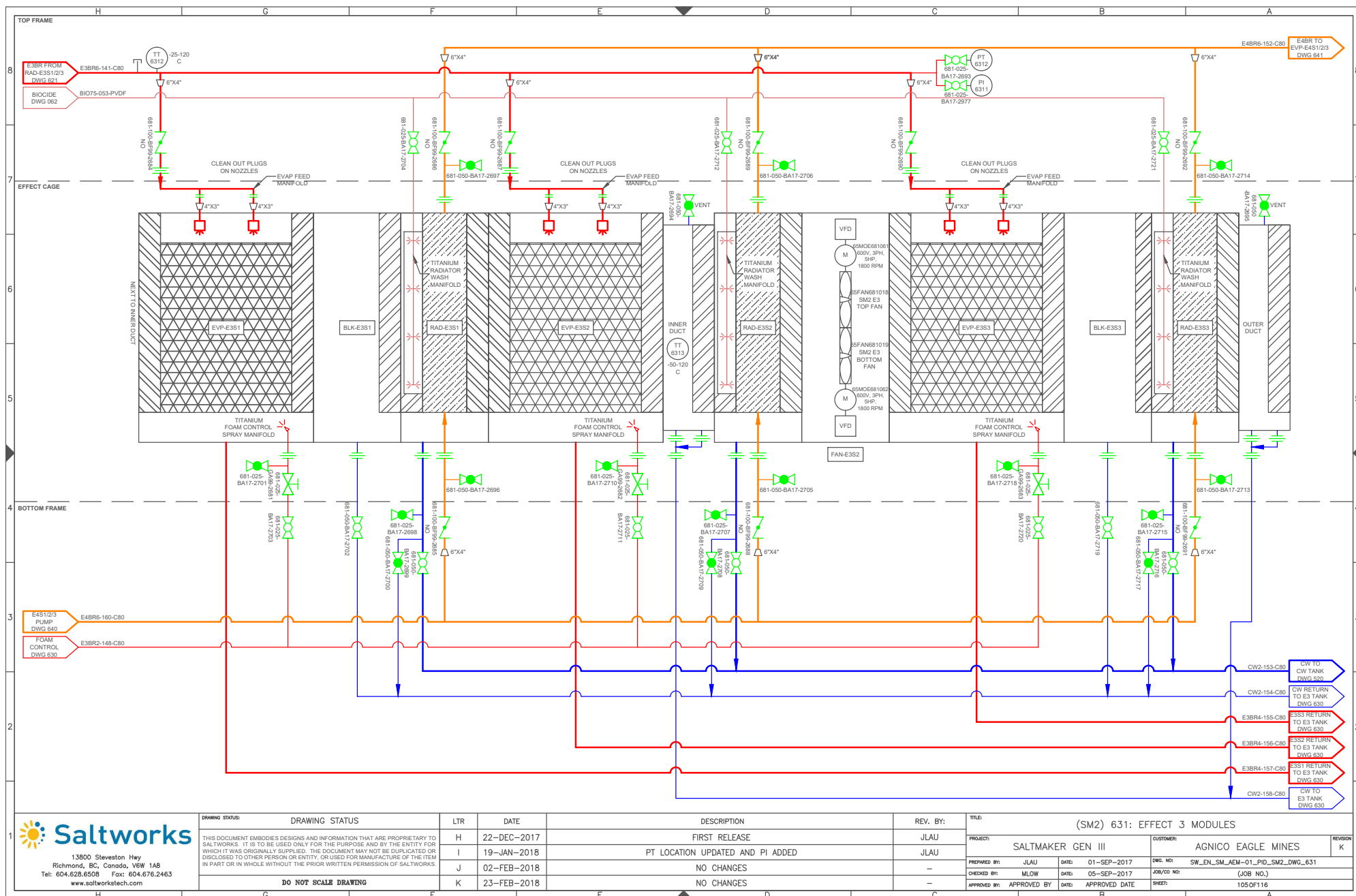
PROJECT:	CUSTOMER:	REVISION:
SALTMAKER GEN III	AGNICO EAGLE MINES	K
PREPARED BY: JLAU	DWG. NO: SW_EN_SM_AEM-01_PID_SM2_DWG_621	
CHECKED BY: MLOW	JOB/CD NO: (JOB NO.)	
APPROVED BY: APPROVED BY	SHEET: 100 OF 116	

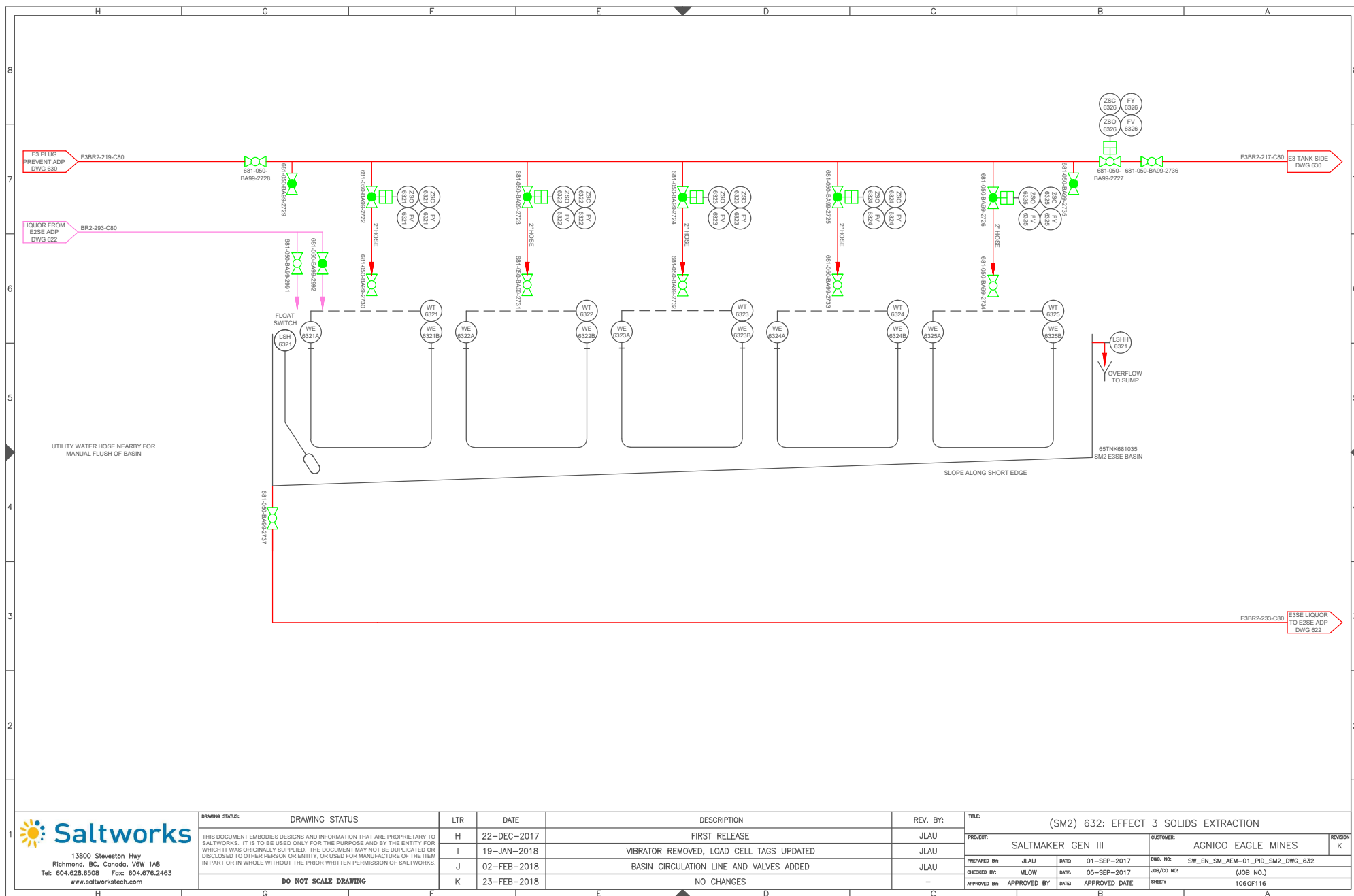




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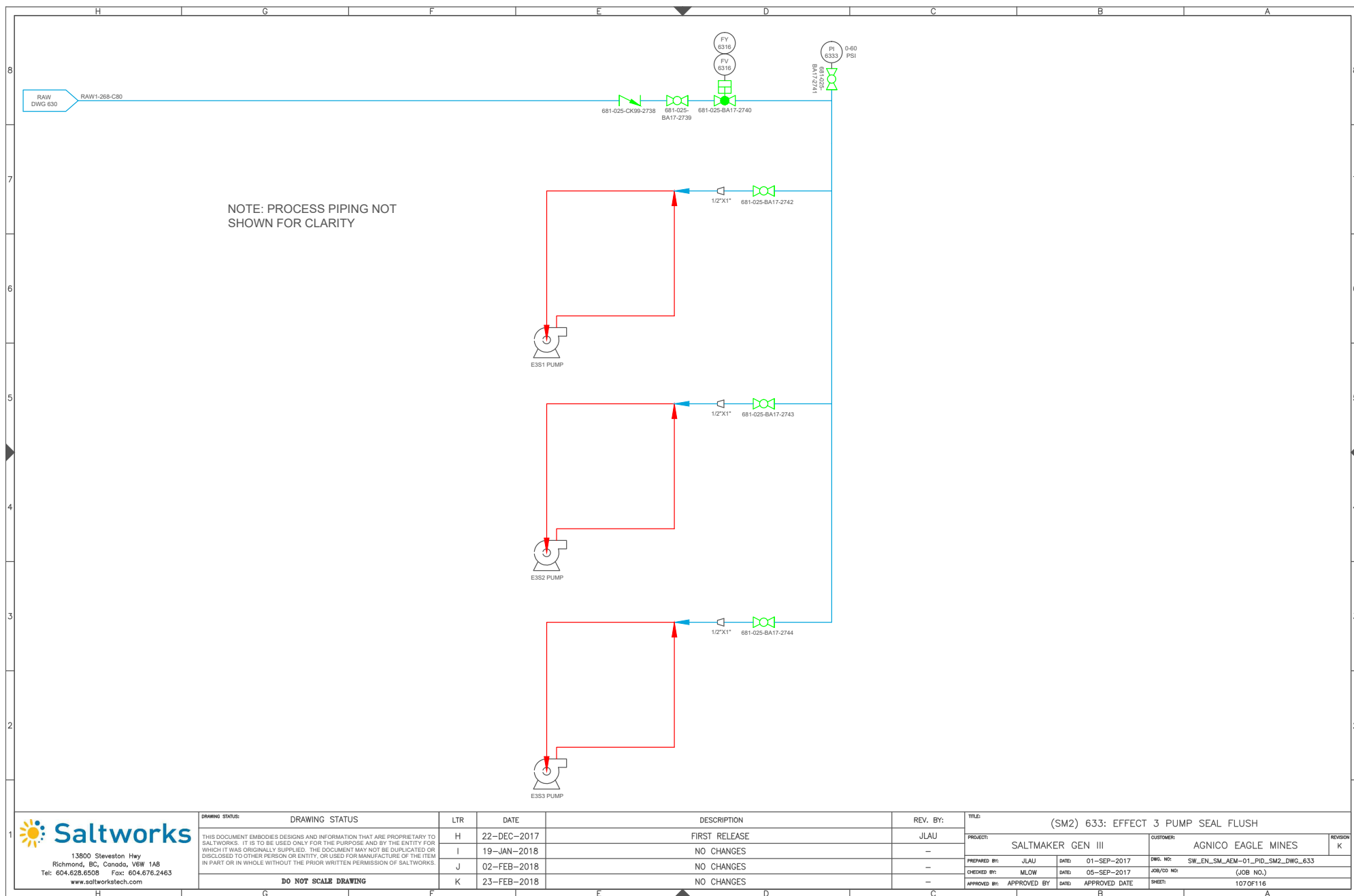




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DO NOT SCALE DRAWING	

LTR	DATE	DESCRIPTION
H	22-DEC-2017	FIRST RELEASE
I	19-JAN-2018	VIBRATOR REMOVED, LOAD CELL TAGS UPDATED
J	02-FEB-2018	BASIN CIRCULATION LINE AND VALVES ADDED
K	23-FEB-2018	NO CHANGES

REV. BY:	TITLE:	PROJECT:	CUSTOMER:	REVISION
JLAU	(SM2) 632: EFFECT 3 SOLIDS EXTRACTION	SALTMAKER GEN III	AGNICO EAGLE MINES	K
JLAU		PREPARED BY: JLAU	DATE: 01-SEP-2017	DWG. NO: SW_EN_SM_AEM-01_PID_SM2_DWG_632
JLAU		CHECKED BY: MLOW	DATE: 05-SEP-2017	JOB/CD NO: (JOB NO.)
JLAU		APPROVED BY: APPROVED BY	DATE: APPROVED DATE	SHEET: 106 OF 116



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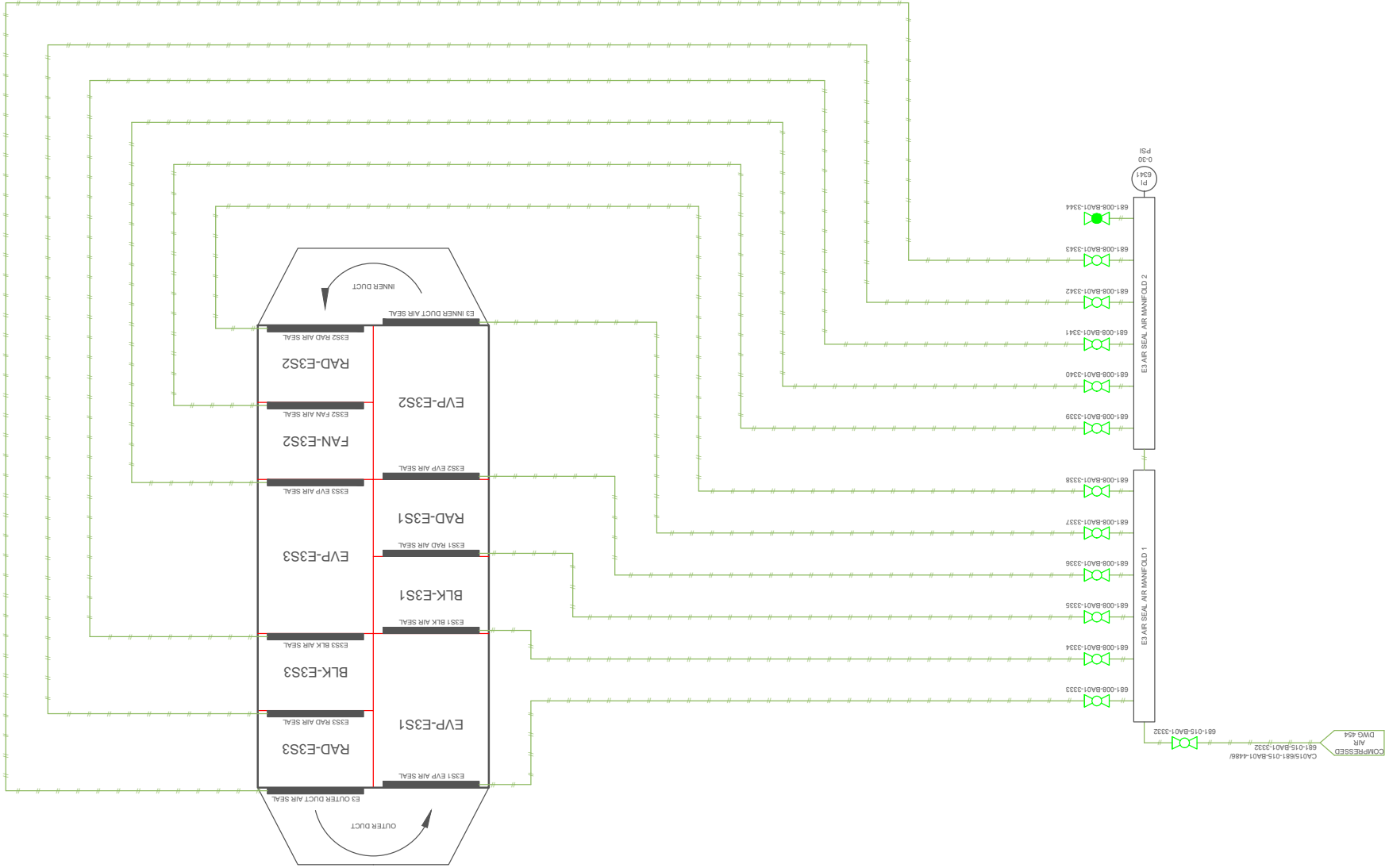
DRAWING STATUS	LTR	DATE
DO NOT SCALE DRAWING	K	23-FEB-2018
	J	02-FEB-2018
	I	19-JAN-2018
	H	22-DEC-2017

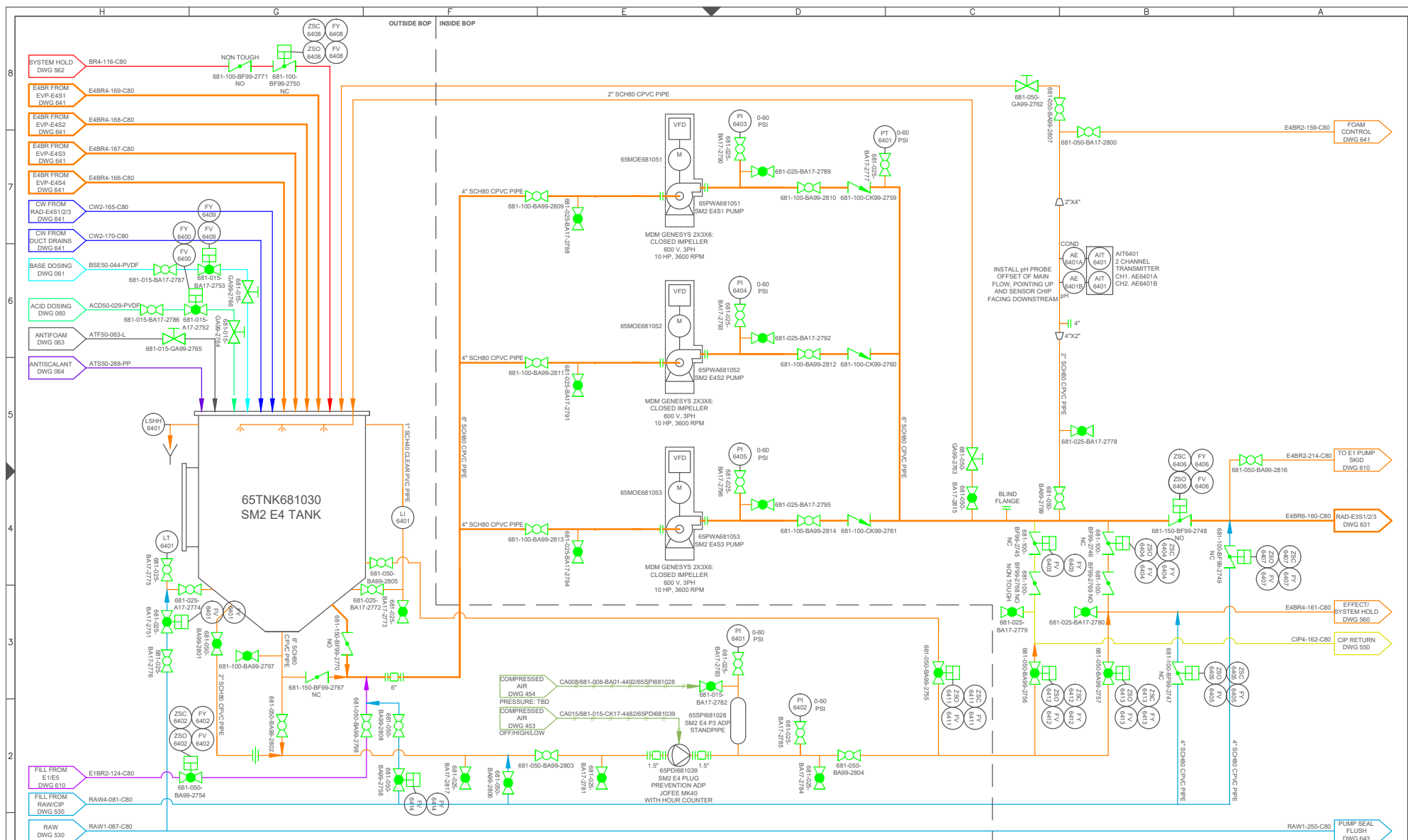
DESCRIPTION	REV. BY:	TRNG
TAGS AND AIR SEAL LOCATION UPDATED	JLW	
FIRST RELEASE	JLW	
NO CHANGES		
NO CHANGES		

APPROVED BY:	DATE:	APPROVED BY:	DATE:
APPROVED BY: MLOW	DATE: 05-SEP-2017	APPROVED BY: MLOW	DATE: 05-SEP-2017
CHECKED BY: JLW	DATE: 01-SEP-2017	CHECKED BY: JLW	DATE: 01-SEP-2017
PROJECT: SALTMAKER GEN III		PROJECT: SALTMAKER GEN III	

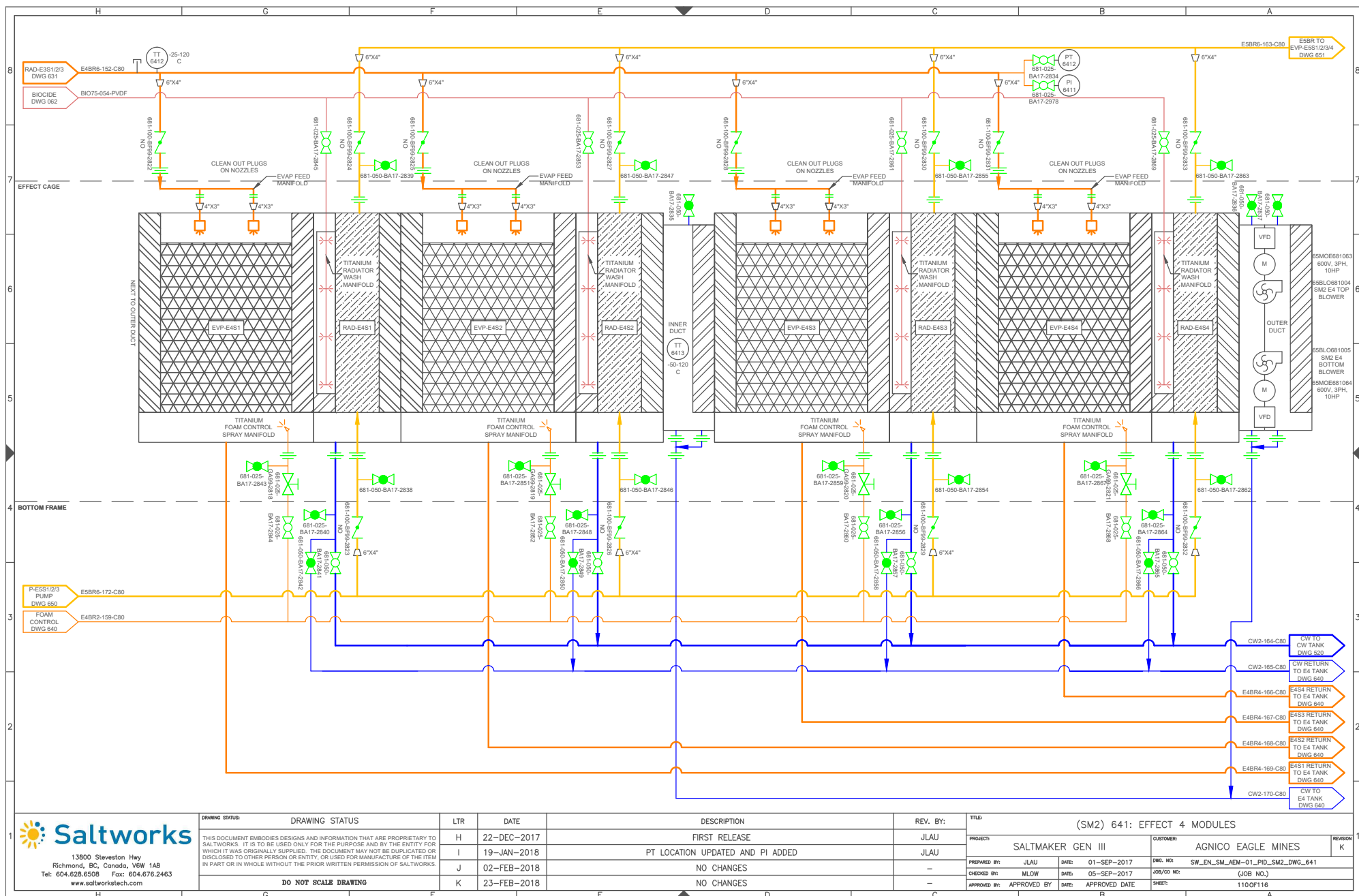
JOB/CO. NO.	SHEET:
SW_EW_SM_AEA-01-PID_SM2_DWG_634	108 OF 116
AGNICO EAGLE MINES	
REVISION	K

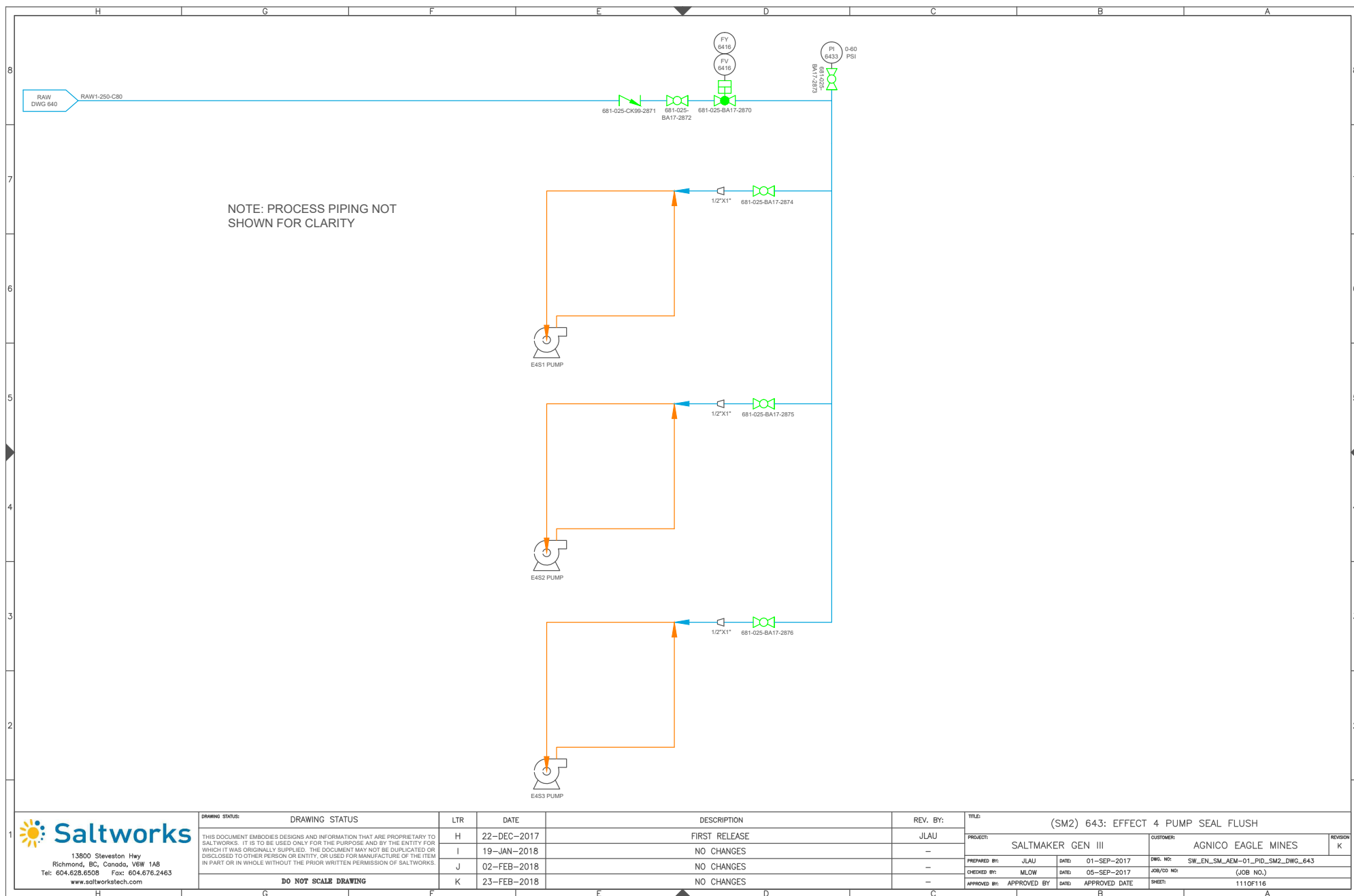
(SM2) 634: EFFECT 3 AIR SEALS

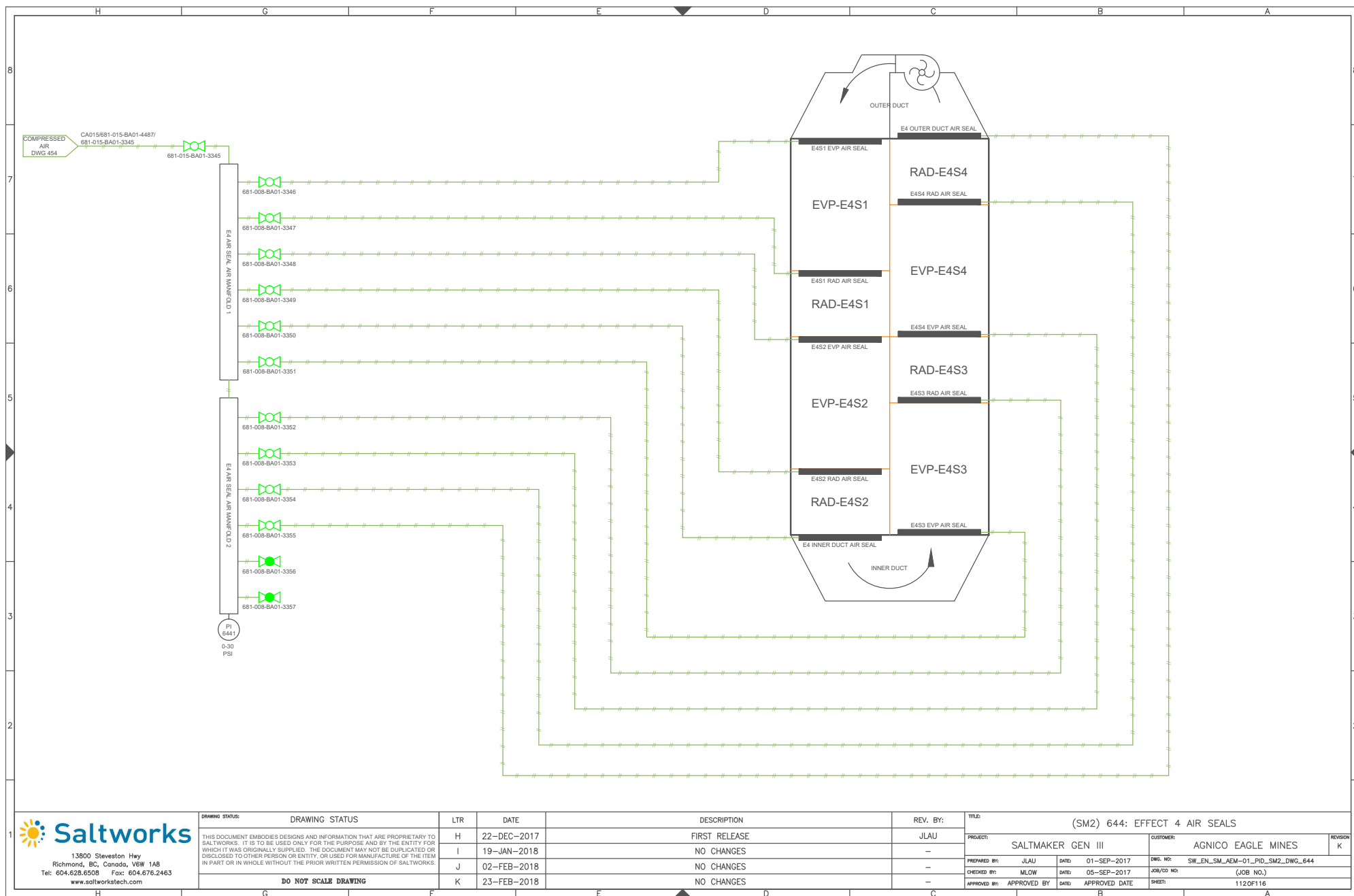


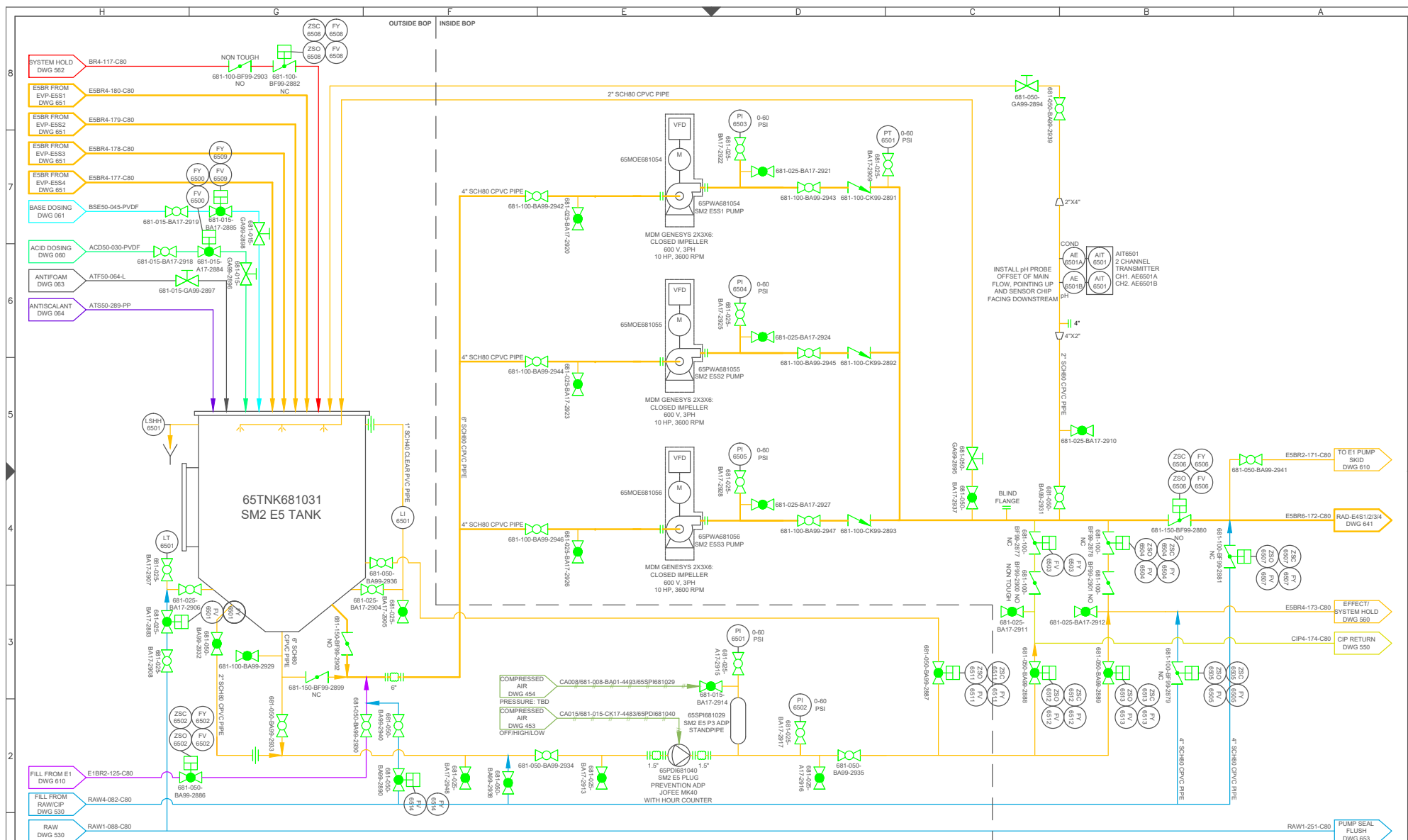


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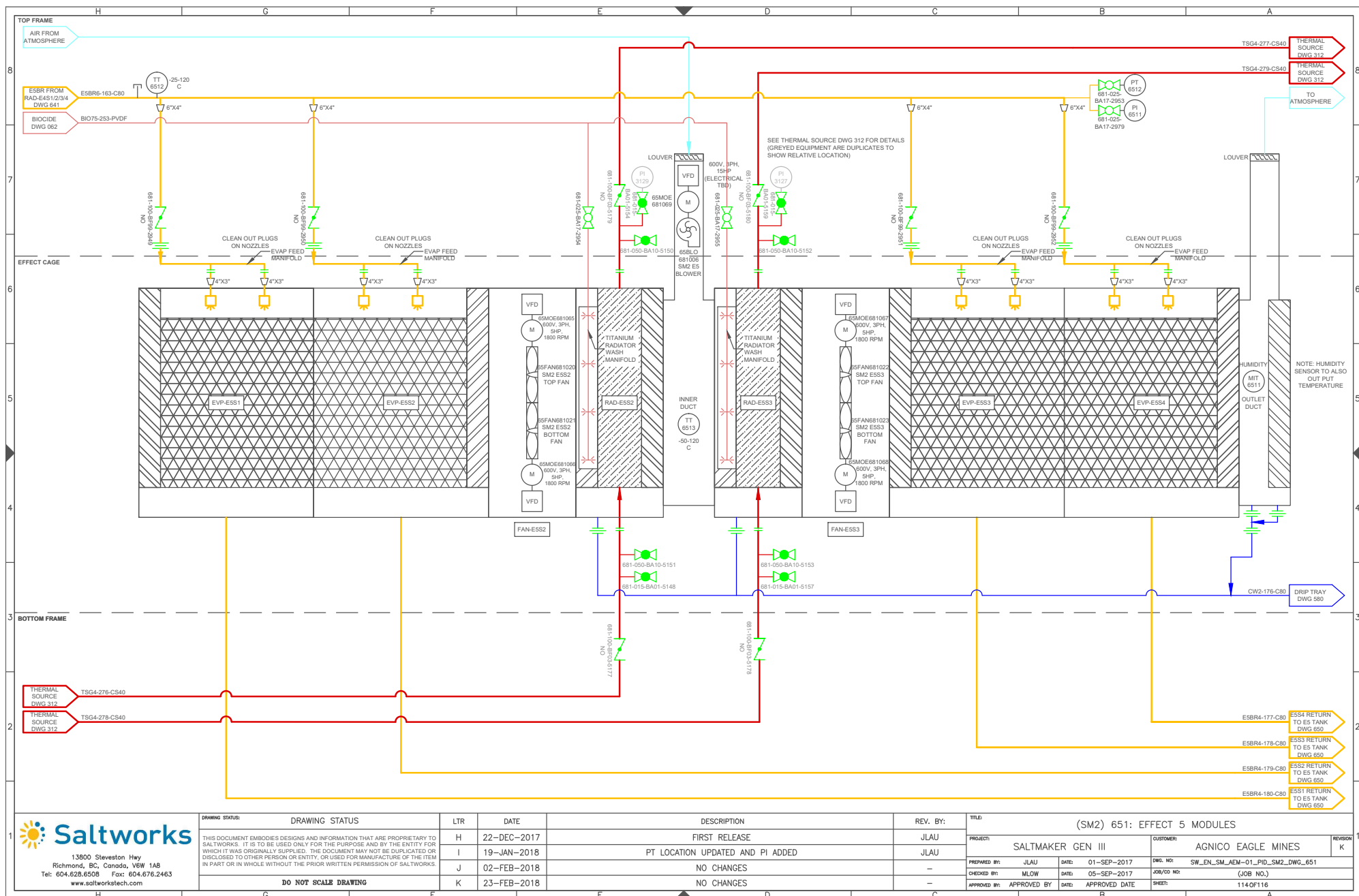


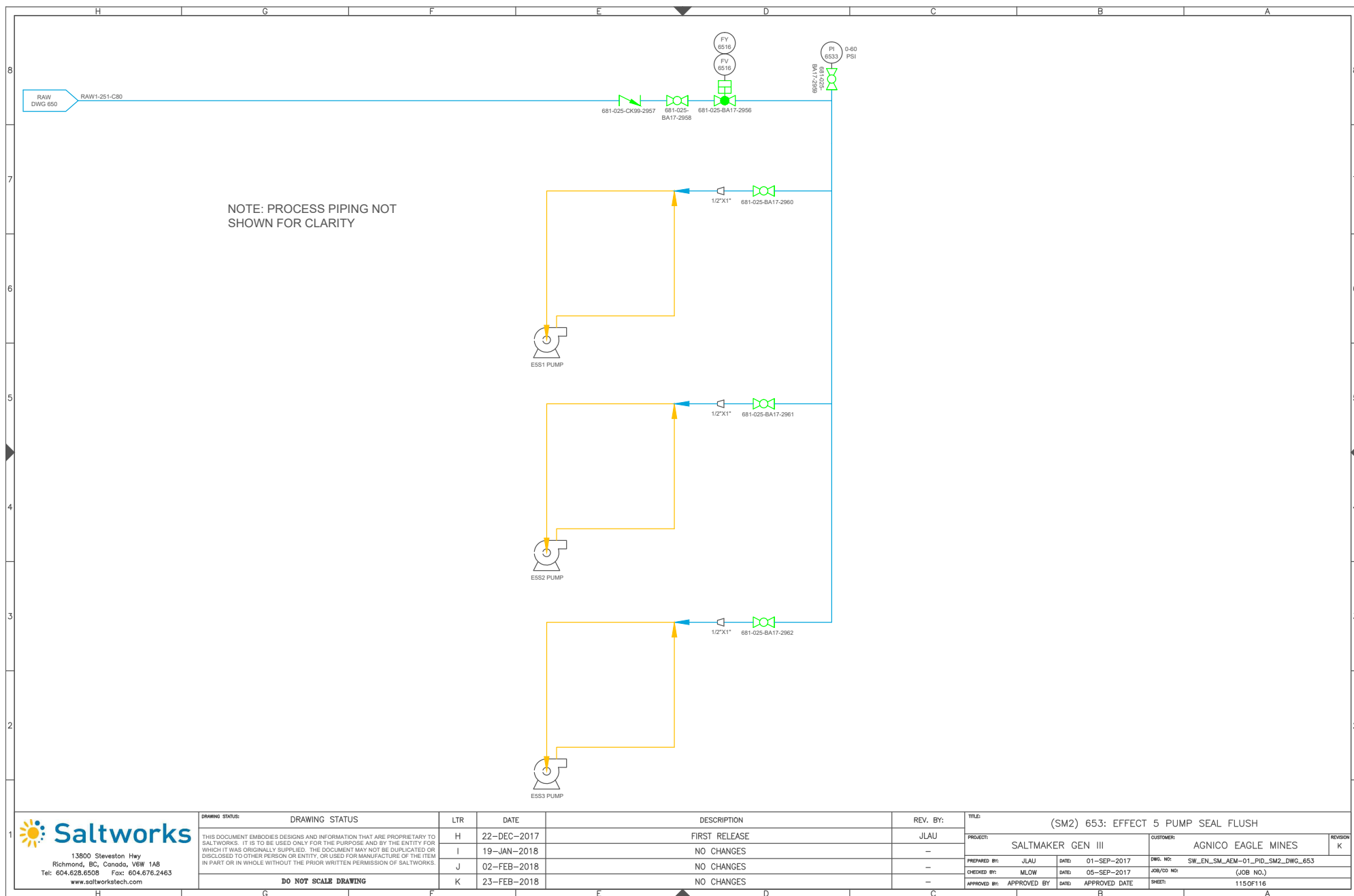


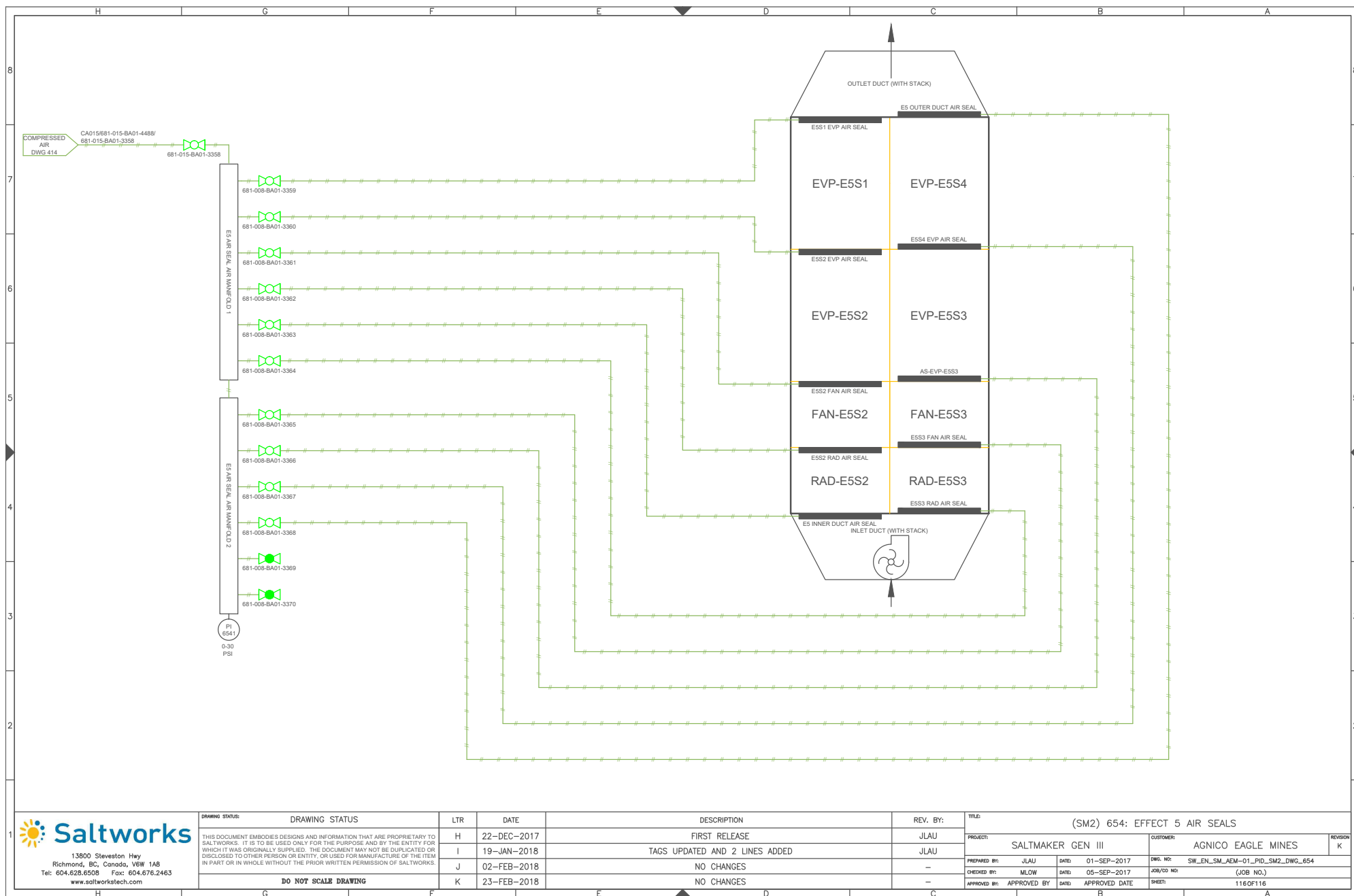




 13900 Steveston Hwy Richmond, BC, Canada, V6W 1A8 Tel: 604.628.6508 Fax: 604.676.2463 www.saltworkstech.com	DRAWING STATUS: DRAWING STATUS	LTR H	DATE 22-DEC-2017	DESCRIPTION FIRST RELEASE	REV. BY: JLAU	TITLE: (SM2) 650: EFFECT 5 TANK AND PUMPS
	THIS DOCUMENT EMBODIES DESIGNS AND INFORMATION THAT ARE PROPRIETARY TO SALTWORKS. IT IS TO BE USED ONLY FOR THE PURPOSE AND BY THE ENTITY FOR WHICH IT WAS ORIGINALLY SAVED. THE DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO OTHER PERSON OR ENTITY, OR USED FOR MANUFACTURE OF THE ITEM IN PART OR IN WHOLE WITHOUT THE PRIOR WRITTEN PERMISSION OF SALTWORKS.	I 19-JAN-2018 VALVE TYPE UPDATED, EXPANSION JOINT SIZE UPDATED	JLAU	PROJECT: SALTMAKER GEN III	CUSTOMER: AGNICO EAGLE MINES	REVISION K
	DO NOT SCALE DRAWING	J 02-FEB-2018 PT LOCATION MOVED AND TAGS UPDATED, STANDPIPE AIR CONNECTION UPDATED	JLAU	PREPARED BY: JLAU	DATE: 01-SEP-2017	DWG. NO.: SW_EN_SM_AEM-01_PID_SM2_DWG_650
		K 23-FEB-2018 NO CHANGES	-	CHECKED BY: MLOW	DATE: 05-SEP-2017	JOB/COD. NO.: (JOB NO.)
				APPROVED BY: APPROVED BY	DATE: APPROVED DATE	SHEET: 113OF116







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DRAWING STATUS:	DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE:
		H	22-DEC-2017	FIRST RELEASE	JLAU	(SM2) 654: EFFECT 5 AIR SEALS
		I	19-JAN-2018	TAGS UPDATED AND 2 LINES ADDED	JLAU	
		J	02-FEB-2018	NO CHANGES	—	
		K	23-FEB-2018	NO CHANGES	—	

DO NOT SCALE DRAWING

PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	REVISION	K
PREPARED BY:	JLAU	DATE:	01-SEP-2017	DWG. NO:	SW_EN_SM_AEM-01_PID_SM2_DWG_654
CHECKED BY:	MLOW	DATE:	05-SEP-2017	JOB/CD NO:	(JOB NO.)
APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE	SHEET:	116 OF 116



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AGNICO EAGLE MINES
P&ID DRAWING PACKAGE

COMPRESSED AIR - COMMON
REVISION I



Vendor Document Status

AGNICO EAGLE

- 1 ☒ Proceed to next submission and status.
- 2 ☐ Proceed with exceptions as noted to next submission and status.
- 3 ☐ Do not proceed.
Revise as noted and resubmit next submission and status.
- 4 ☐ Complete, no further submission required.

 Sébastien Perron 2018.02.13 15:39:08 -05'00'
Instrumentation Date:

Review and authorization to fabricate are only for general conformance with the design concept of the Project as expressed in the Contract Documents. Sole responsibility for the accuracy and completeness of this document, including but not limited to dimensions and quantities, remains with the Supplier/Contractor. Agnico Eagle does not warrant the accuracy or completeness of any of the information contained herein, nor does Agnico Eagle authorize or approve any construction means, methods, techniques, sequences or any safety precautions or procedures.

Agnico Eagle
No. 6515-S-265-069-205-PID-0005 R: Sub003

DOCUMENT FOR INFORMATION



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		G	09-DEC-2017	PI RANGES, VALVE TYPE, AS BUILT UPDATES	JLAU	PROJECT: SALTMAKER GEN III
		H	22-DEC-2017	AS MARKED BY REVISION CLOUDS	JLAU	CUSTOMER: AGNICO EAGLE MINES
		I	19-JAN-2018	AS MARKED BY REVISION CLOUDS	JLAU	PREPARED BY: JLAU DATE: 1-SEP-2017 DWG. NO: COVER SHEET
	DO NOT SCALE DRAWING					CHECKED BY: MLOW DATE: 5-SEP-2017 JOB/CD NO: (JOB NO.)
						APPROVED BY: APPROVED BY DATE: APPROVED DATE SHEET: # OF #

DRAWING LIST 1

SHEET NO.	DRAWING NO.	DESCRIPTION	SHEET NO.	DRAWING NO.	DESCRIPTION
		COVER SHEET	35	SW_EN_SM_AEM-01_PID_SM1_DWG_230	EFFECT 3 TANK AND PUMPS
		DRAWING LIST 1	36	SW_EN_SM_AEM-01_PID_SM1_DWG_231	EFFECT 3 MODULES
		DRAWING LIST 2	37	SW_EN_SM_AEM-01_PID_SM1_DWG_232	EFFECT 3 SOLIDS EXTRACTION
		LEGEND	38	SW_EN_SM_AEM-01_PID_SM1_DWG_233	EFFECT 3 PUMP SEAL FLUSH
			39	SW_EN_SM_AEM-01_PID_SM1_DWG_234	EFFECT 3 AIR SEALS
		<u>COMMON</u>			
1	SW_EN_SM_AEM-01_PID_COMMON_DWG_000	MASTER PFD	40	SW_EN_SM_AEM-01_PID_SM1_DWG_240	EFFECT 4 TANK AND PUMPS
2	SW_EN_SM_AEM-01_PID_COMMON_DWG_010	PROCESS FLOW DIAGRAM	41	SW_EN_SM_AEM-01_PID_SM1_DWG_241	EFFECT 4 MODULES
3	SW_EN_SM_AEM-01_PID_COMMON_DWG_020	CONTAINER LAYOUT	42	SW_EN_SM_AEM-01_PID_SM1_DWG_243	EFFECT 4 PUMP SEAL FLUSH
4	SW_EN_SM_AEM-01_PID_COMMON_DWG_030	MODULES LAYOUT	43	SW_EN_SM_AEM-01_PID_SM1_DWG_244	EFFECT 4 AIR SEALS
5	SW_EN_SM_AEM-01_PID_COMMON_DWG_040	PLANT FEED TANKS			
6	SW_EN_SM_AEM-01_PID_COMMON_DWG_041	PLANT FEED PUMP SKIDS	44	SW_EN_SM_AEM-01_PID_SM1_DWG_250	EFFECT 5 TANK AND PUMPS
7	SW_EN_SM_AEM-01_PID_COMMON_DWG_050	CLEAN RESERVE AND BLOWDOWN SYSTEMS	45	SW_EN_SM_AEM-01_PID_SM1_DWG_251	EFFECT 5 MODULES
8	SW_EN_SM_AEM-01_PID_COMMON_DWG_060	ACID DOSING SYSTEM	46	SW_EN_SM_AEM-01_PID_SM1_DWG_253	EFFECT 5 PUMP SEAL FLUSH
9	SW_EN_SM_AEM-01_PID_COMMON_DWG_061	BASE DOSING SYSTEM	47	SW_EN_SM_AEM-01_PID_SM1_DWG_254	EFFECT 5 AIR SEALS
10	SW_EN_SM_AEM-01_PID_COMMON_DWG_062	BIOCIDE DOSING SYSTEM			
11	SW_EN_SM_AEM-01_PID_COMMON_DWG_063	ANTIFOAM DOSING SYSTEM			<u>THERMAL SYSTEM</u>
12	SW_EN_SM_AEM-01_PID_COMMON_DWG_064	ANTISCALANT DOSING SYSTEM	48	SW_EN_SM_AEM-01_PID_DWG_310	THERMAL SKID: WATER LOOP
13	SW_EN_SM_AEM-01_PID_COMMON_DWG_070	UTILITY WATER DISTRIBUTION	49	SW_EN_SM_AEM-01_PID_DWG_311	THERMAL SKID: WATER LOOP
			50	SW_EN_SM_AEM-01_PID_DWG_312	THERMAL SKID: GYLCOL LOOP
		<u>SALTMAKER 1 (SM1)</u>			
14	SW_EN_SM_AEM-01_PID_SM1_DWG_110	THERMAL SOURCE PRIMARY HEAT EXCHANGERS			<u>POST TREATMENT</u>
15	SW_EN_SM_AEM-01_PID_SM1_DWG_120	CONDENSED WATER SYSTEM	51	SW_EN_SM_AEM-01_PID_COMMON_DWG_320	NITRITE DESTRUCTION AND RO PC SYSTEM
16	SW_EN_SM_AEM-01_PID_SM1_DWG_130	FEED DISTRIBUTION	52	SW_EN_SM_AEM-01_PID_COMMON_DWG_321	AMMONIA DESTRUCTION SYSTEM
17	SW_EN_SM_AEM-01_PID_SM1_DWG_150	CIP TANKS	53	SW_EN_SM_AEM-01_PID_COMMON_DWG_322	RO BRINE FLUSH TANK
18	SW_EN_SM_AEM-01_PID_SM1_DWG_151	CIP PUMP SKID	54	SW_EN_SM_AEM-01_PID_COMMON_DWG_323	RO PERMEATE TANK
19	SW_EN_SM_AEM-01_PID_SM1_DWG_160	EFFECT HOLD 1			
20	SW_EN_SM_AEM-01_PID_SM1_DWG_161	EFFECT HOLD 2			<u>COMPRESSED AIR-COMMON PACKAGE</u>
21	SW_EN_SM_AEM-01_PID_SM1_DWG_162	SYSTEM HOLD	55	SW_EN_SM_AEM-01_PID_COMPRESSED	COMPRESSED AIR SYSTEM
22	SW_EN_SM_AEM-01_PID_SM1_DWG_163	CALCIUM EXTRACTION		AIR-COMMON_DWG_400	
23	SW_EN_SM_AEM-01_PID_SM1_DWG_164	EH1 SOLIDS EXTRACTION	56	SW_EN_SM_AEM-01_PID_COMPRESSED	AMMONIA DES, BRINE BLOWDOWN AND PLANT
24	SW_EN_SM_AEM-01_PID_SM1_DWG_165	EH2 SOLIDS EXTRACTION		AIR-COMMON_DWG_401	FEED AIR
25	SW_EN_SM_AEM-01_PID_SM1_DWG_180	DRIP TRAYS	57	SW_EN_SM_AEM-01_PID_COMPRESSED	CHEMICAL DOSING AND ANCILLARY STAND PIPE
				AIR-COMMON_DWG_402	AIR
26	SW_EN_SM_AEM-01_PID_SM1_DWG_210	EFFECT 1 TANK AND PUMPS	58	SW_EN_SM_AEM-01_PID_COMPRESSED	COMMON AND POST TREATMENT AIR BANK
27	SW_EN_SM_AEM-01_PID_SM1_DWG_211	EFFECT 1 MODULES		AIR-COMMON_DWG_403	
28	SW_EN_SM_AEM-01_PID_SM1_DWG_213	EFFECT 1 PUMP SEAL FLUSH			<u>COMPRESSED AIR-SM1</u>
29	SW_EN_SM_AEM-01_PID_SM1_DWG_214	EFFECT 1 AIR SEALS			SM INSTRUMENT AND PROCESS AIR
			59	SW_EN_SM_AEM-01_PID_COMPRESSED	
30	SW_EN_SM_AEM-01_PID_SM1_DWG_220	EFFECT 2 TANK AND PUMPS		AIR-SM1_DWG_410	
31	SW_EN_SM_AEM-01_PID_SM1_DWG_221	EFFECT 2 MODULES	60	SW_EN_SM_AEM-01_PID_COMPRESSED	EH1/EH2 EXTRACT AND CIP AIR
32	SW_EN_SM_AEM-01_PID_SM1_DWG_222	EFFECT 2 SOLIDS EXTRACTION		AIR-SM1_DWG_411	
33	SW_EN_SM_AEM-01_PID_SM1_DWG_223	EFFECT 2 PUMP SEAL FLUSH			
34	SW_EN_SM_AEM-01_PID_SM1_DWG_224	EFFECT 2 AIR SEALS			



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	G	09-DEC-2017	NO CHANGES	-	PROJECT: SALTMAKER GEN III
	H	22-DEC-2017	ADDED SM2	JLAU	CUSTOMER: AGNICO EAGLE MINES
	I	19-JAN-2018	UPDATED DWG NUMBERS	JLAU	REVISION: 1
DO NOT SCALE DRAWING					PREPARED BY: JLAU
					CHECKED BY: MLOW
					DATE: 01-SEP-2017
					DWG. NO: DRAWING LIST 1
					DATE: 05-SEP-2017
					JOB/COD NO: (JOB NO.)
					APPROVED BY: APPROVED BY
					DATE: APPROVED DATE
					SHEET: # OF #

SHEET NO.		DRAWING NO.		DESCRIPTION		SHEET NO.		DRAWING NO.		DESCRIPTION	
61	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_412			EH1/EH2 EXTRACT AND CIP AIR		83	SW_EN_SM_AEM-01_PID_SM2_DWG_510			SALTMAKER 2 (SM2)	
62	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_413			PLUG PREVENTION PUMP AIR		84	SW_EN_SM_AEM-01_PID_SM2_DWG_520			THERMAL SOURCE PRIMARY HEAT EXCHANGERS	
63	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_414			AIR SEAL, STAND PIPE AND E2/E3 SE AIR		85	SW_EN_SM_AEM-01_PID_SM2_DWG_530			CONDENSED WATER SYSTEM	
64	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_415			UTILITY AIR		86	SW_EN_SM_AEM-01_PID_SM2_DWG_550			FEED DISTRIBUTION	
65	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_416			BOP1 AIR SOLENOID BANK		87	SW_EN_SM_AEM-01_PID_SM2_DWG_551			CIP TANKS	
66	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_417			E2/E3 SE AIR SOLENOID BANK		88	SW_EN_SM_AEM-01_PID_SM2_DWG_560			CIP PUMP SKID	
67	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_418			BOP2 AIR SOLENOID BANK		89	SW_EN_SM_AEM-01_PID_SM2_DWG_561			EFFECT HOLD 1	
68	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_419			BOP3 AIR SOLENOID BANK		90	SW_EN_SM_AEM-01_PID_SM2_DWG_562			EFFECT HOLD 2	
69	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_420			CIP, EH/SY AIR SOLENOID BANK		91	SW_EN_SM_AEM-01_PID_SM2_DWG_563			SYSTEM HOLD	
70	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM1_DWG_421			H1/H2 SE AIR SOLENOID BANK		92	SW_EN_SM_AEM-01_PID_SM2_DWG_564			CALCIUM EXTRACTION	
71	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_450			COMPRESSED AIR-SM2 SM INSTRUMENT AND PROCESS AIR		93	SW_EN_SM_AEM-01_PID_SM2_DWG_565			EH1 SOLIDS EXTRACTION	
72	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_451			EH1/EH2 EXTRACT AND CIP AIR		94	SW_EN_SM_AEM-01_PID_SM2_DWG_580			EH2 SOLIDS EXTRACTION	
73	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_452			EFFECT/SYSTEM HOLD AND CAL EXTRACTION AIR		95	SW_EN_SM_AEM-01_PID_SM2_DWG_610			DRIP TRAYS	
74	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_453			PLUG PREVENTION PUMP AIR		96	SW_EN_SM_AEM-01_PID_SM2_DWG_611			EFFECT 1 TANK AND PUMPS	
75	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_454			AIR SEAL, STAND PIPE AND E2/E3 SE AIR		97	SW_EN_SM_AEM-01_PID_SM2_DWG_613			EFFECT 1 MODULES	
76	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_455			UTILITY AIR		98	SW_EN_SM_AEM-01_PID_SM2_DWG_614			EFFECT 1 PUMP SEAL FLUSH	
77	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_456			BOP1 AIR SOLENOID BANK		99	SW_EN_SM_AEM-01_PID_SM2_DWG_620			EFFECT 1 AIR SEALS	
78	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_457			E2/E3 SE AIR SOLENOID BANK		100	SW_EN_SM_AEM-01_PID_SM2_DWG_621			EFFECT 2 TANK AND PUMPS	
79	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_458			BOP2 AIR SOLENOID BANK		101	SW_EN_SM_AEM-01_PID_SM2_DWG_622			EFFECT 2 MODULES	
80	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_459			BOP3 AIR SOLENOID BANK		102	SW_EN_SM_AEM-01_PID_SM2_DWG_623			EFFECT 2 SOLIDS EXTRACTION	
81	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_460			CIP, EH/SY AIR SOLENOID BANK		103	SW_EN_SM_AEM-01_PID_SM2_DWG_624			EFFECT 2 PUMP SEAL FLUSH	
82	SW_EN_SM_AEM-01_PID_COMPRESSED AIR-SM2_DWG_461			H1/H2 SE AIR SOLENOID BANK		104	SW_EN_SM_AEM-01_PID_SM2_DWG_630			EFFECT 2 AIR SEALS	
						105	SW_EN_SM_AEM-01_PID_SM2_DWG_631			EFFECT 3 TANK AND PUMPS	
						106	SW_EN_SM_AEM-01_PID_SM2_DWG_632			EFFECT 3 MODULES	
						107	SW_EN_SM_AEM-01_PID_SM2_DWG_633			EFFECT 3 SOLIDS EXTRACTION	
						108	SW_EN_SM_AEM-01_PID_SM2_DWG_634			EFFECT 3 PUMP SEAL FLUSH	
						109	SW_EN_SM_AEM-01_PID_SM2_DWG_640			EFFECT 3 AIR SEALS	
						110	SW_EN_SM_AEM-01_PID_SM2_DWG_641			EFFECT 4 TANK AND PUMPS	
						111	SW_EN_SM_AEM-01_PID_SM2_DWG_643			EFFECT 4 MODULES	
						112	SW_EN_SM_AEM-01_PID_SM2_DWG_644			EFFECT 4 PUMP SEAL FLUSH	
						113	SW_EN_SM_AEM-01_PID_SM2_DWG_650			EFFECT 4 AIR SEALS	
						114	SW_EN_SM_AEM-01_PID_SM2_DWG_651			EFFECT 5 TANK AND PUMPS	
						115	SW_EN_SM_AEM-01_PID_SM2_DWG_653			EFFECT 5 MODULES	
						116	SW_EN_SM_AEM-01_PID_SM2_DWG_654			EFFECT 5 PUMP SEAL FLUSH	
										EFFECT 5 AIR SEALS	

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			G	09-DEC-2017	NO CHANGES		-	PREPARED BY: JLAU DATE: 01-SEP-2017 DWG. NO: DRAWING LIST 2				
			H	22-DEC-2017	ADDED SM2		JLAU					