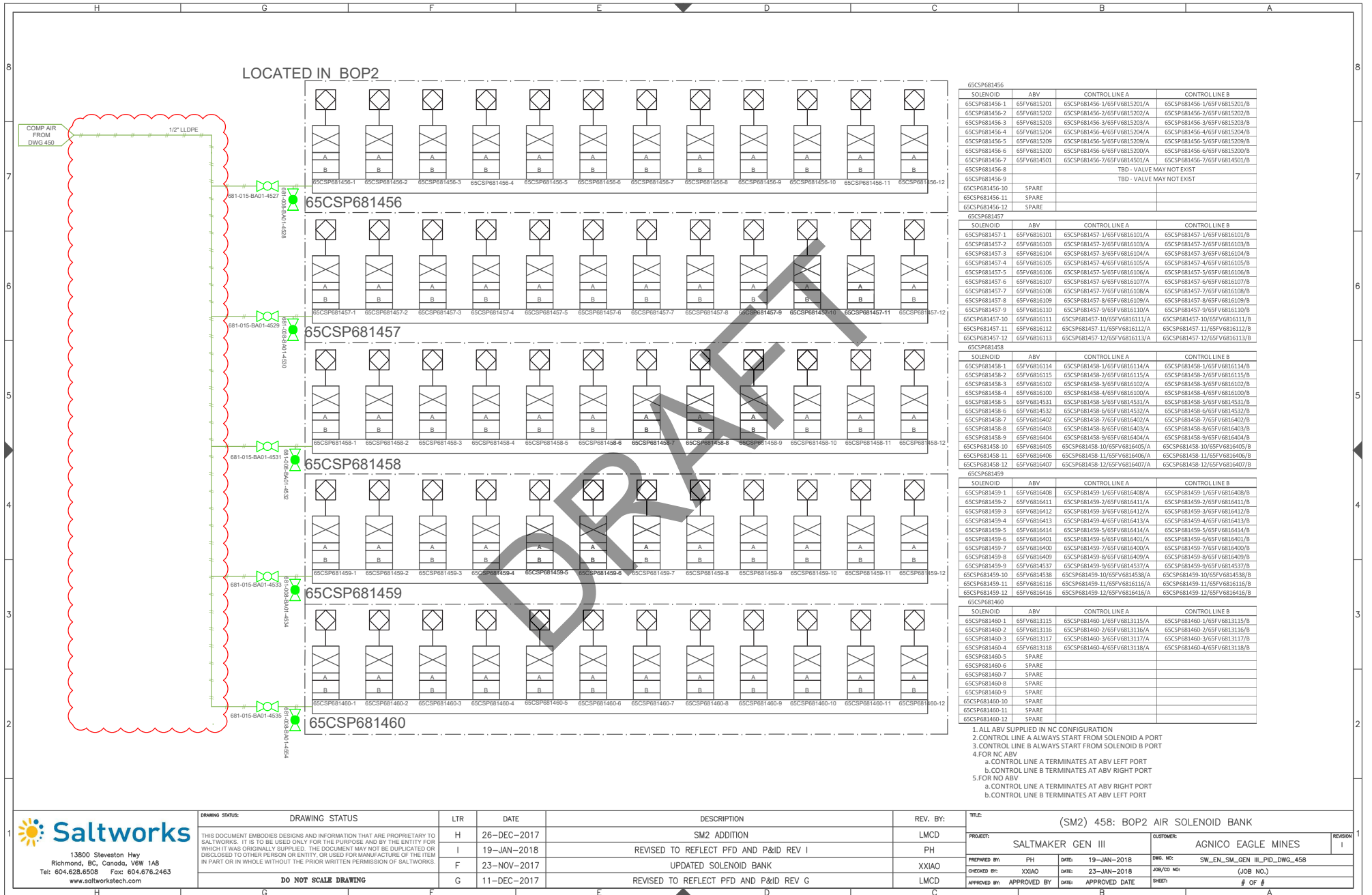
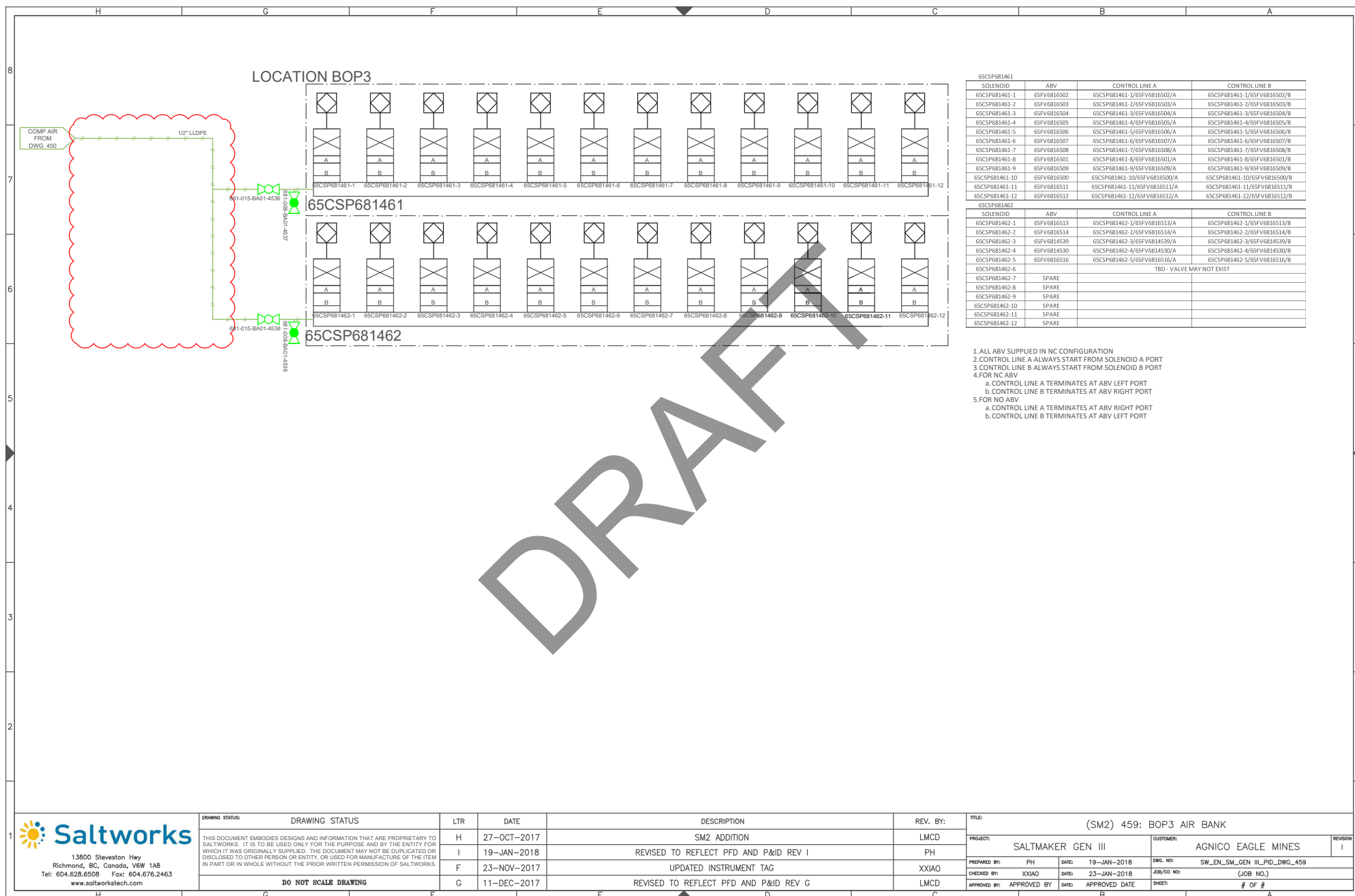
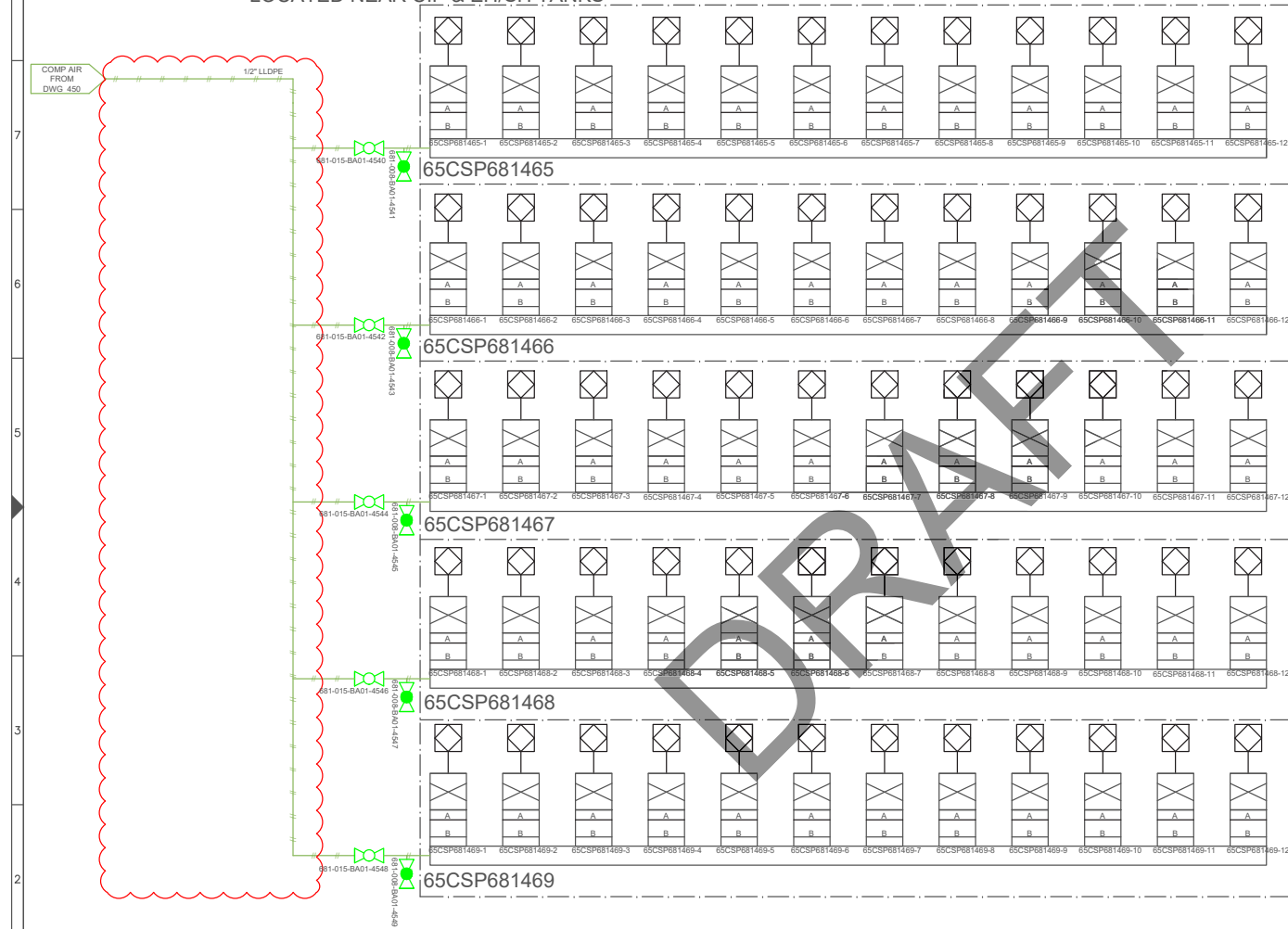






LOCATED NEAR CIP & EH/SH TANKS



SOLENOID	ABV	CONTROL LINE A	CONTROL LINE B
65CSP681465-1	65FV6815505	65CSP681465-1/65FV6815505/A	65CSP681465-1/65FV6815505/B
65CSP681465-2	65FV6815511	65CSP681465-2/65FV6815511/A	65CSP681465-2/65FV6815511/B
65CSP681465-3	65FV6815501	65CSP681465-3/65FV6815501/A	65CSP681465-3/65FV6815501/B
65CSP681465-4	65FV6815502	65CSP681465-4/65FV6815502/A	65CSP681465-4/65FV6815502/B
65CSP681465-5	65FV6815503	65CSP681465-5/65FV6815503/A	65CSP681465-5/65FV6815503/B
65CSP681465-6	65FV6815504	65CSP681465-6/65FV6815504/A	65CSP681465-6/65FV6815504/B
65CSP681465-7	65FV6815506	65CSP681465-7/65FV6815506/A	65CSP681465-7/65FV6815506/B
65CSP681465-8	65FV6815507	65CSP681465-8/65FV6815507/A	65CSP681465-8/65FV6815507/B
65CSP681465-9	65FV6815508	65CSP681465-9/65FV6815508/A	65CSP681465-9/65FV6815508/B
65CSP681465-10	65FV6815509	65CSP681465-10/65FV6815509/A	65CSP681465-10/65FV6815509/B
65CSP681465-11	65FV6815510	65CSP681465-11/65FV6815510/A	65CSP681465-11/65FV6815510/B
65CSP681465-12	65FV6815512	65CSP681465-12/65FV6815512/A	65CSP681465-12/65FV6815512/B

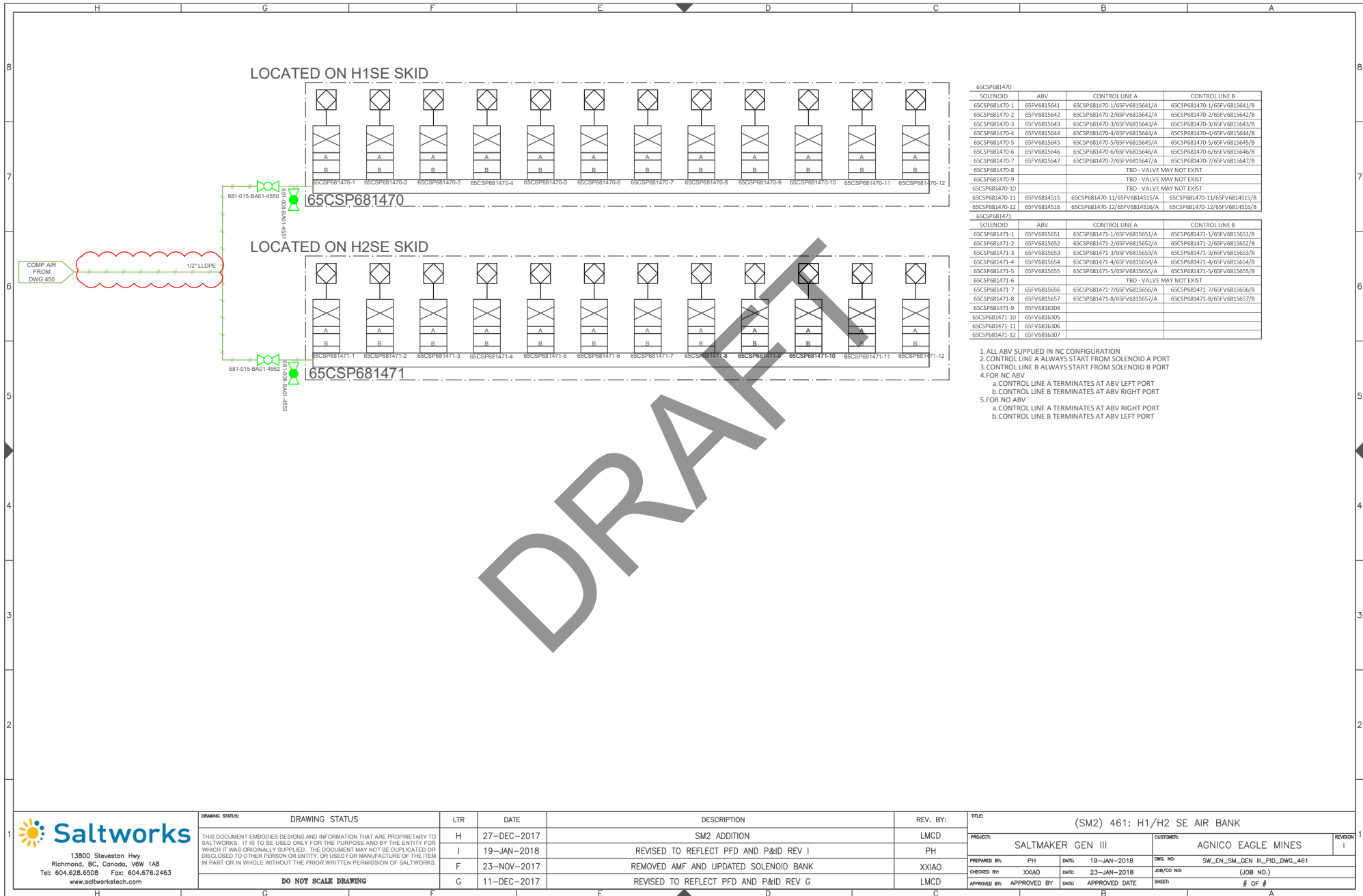
SOLENOID	ABV	CONTROL LINE A	CONTROL LINE B
65CSP681466-1	65FV6815519	65CSP681466-1/65FV6815519/A	65CSP681466-1/65FV6815519/B
65CSP681466-2	65FV6815520	65CSP681466-2/65FV6815520/A	65CSP681466-2/65FV6815520/B
65CSP681466-3	65FV6815500	65CSP681466-3/65FV6815500/A	65CSP681466-3/65FV6815500/B
65CSP681466-4	65FV6815517	65CSP681466-4/65FV6815517/A	65CSP681466-4/65FV6815517/B
65CSP681466-5	65FV6815513	65CSP681466-5/65FV6815513/A	65CSP681466-5/65FV6815513/B
65CSP681466-6	65FV6815518	65CSP681466-6/65FV6815518/A	65CSP681466-6/65FV6815518/B
65CSP681466-7	65FV6815514	65CSP681466-7/65FV6815514/A	65CSP681466-7/65FV6815514/B
65CSP681466-8	65FV6815516	65CSP681466-8/65FV6815516/A	65CSP681466-8/65FV6815516/B
65CSP681466-9	65FV6815511	65CSP681466-9/65FV6815511/A	65CSP681466-9/65FV6815511/B
65CSP681466-10	65FV6814512	65CSP681466-10/65FV6814512/A	65CSP681466-10/65FV6814512/B
65CSP681466-11	65FV6814513	65CSP681466-11/65FV6814513/A	65CSP681466-11/65FV6814513/B
65CSP681466-12	65FV6814514	65CSP681466-12/65FV6814514/A	65CSP681466-12/65FV6814514/B

SOLENOID	ABV	CONTROL LINE A	CONTROL LINE B
65CSP681467-1	65FV6815601	65CSP681467-1/65FV6815601/A	65CSP681467-1/65FV6815601/B
65CSP681467-2	65FV6815604	65CSP681467-2/65FV6815604/A	65CSP681467-2/65FV6815604/B
65CSP681467-3	65FV6815600	65CSP681467-3/65FV6815600/A	65CSP681467-3/65FV6815600/B
65CSP681467-4	65FV6815612	65CSP681467-4/65FV6815612/A	65CSP681467-4/65FV6815612/B
65CSP681467-5	65FV6815613	65CSP681467-5/65FV6815613/A	65CSP681467-5/65FV6815613/B
65CSP681467-6	65FV6814521	65CSP681467-6/65FV6814521/A	65CSP681467-6/65FV6814521/B
65CSP681467-7	65FV6814523	65CSP681467-7/65FV6814523/A	65CSP681467-7/65FV6814523/B
65CSP681467-8	65FV6814524	65CSP681467-8/65FV6814524/A	65CSP681467-8/65FV6814524/B
65CSP681467-9	65FV6815610	65CSP681467-9/65FV6815610/A	65CSP681467-9/65FV6815610/B
65CSP681467-10	65FV6815611	65CSP681467-10/65FV6815611/A	65CSP681467-10/65FV6815611/B
65CSP681467-11	65FV6815614	65CSP681467-11/65FV6815614/A	65CSP681467-11/65FV6815614/B
65CSP681467-12	65FV6814525	65CSP681467-12/65FV6814525/A	65CSP681467-12/65FV6814525/B

SOLENOID	ABV	CONTROL LINE A	CONTROL LINE B
65CSP681468-1	65FV6814526	65CSP681468-1/65FV6814526/A	65CSP681468-1/65FV6814526/B
65CSP681468-2	65FV6815621	65CSP681468-2/65FV6815621/A	65CSP681468-2/65FV6815621/B
65CSP681468-3	65FV6815625	65CSP681468-3/65FV6815625/A	65CSP681468-3/65FV6815625/B
65CSP681468-4	65FV6815627	65CSP681468-4/65FV6815627/A	65CSP681468-4/65FV6815627/B
65CSP681468-5	65FV6815628	65CSP681468-5/65FV6815628/A	65CSP681468-5/65FV6815628/B
65CSP681468-6	65FV6815629	65CSP681468-6/65FV6815629/A	65CSP681468-6/65FV6815629/B
65CSP681468-7	65FV6814522	65CSP681468-7/65FV6814522/A	65CSP681468-7/65FV6814522/B
65CSP681468-8	SPARE		
65CSP681468-9	SPARE		
65CSP681468-10	SPARE		
65CSP681468-11	SPARE		
65CSP681468-12	SPARE		

SOLENOID	ABV	CONTROL LINE A	CONTROL LINE B
65CSP681469-1		TBD - VALVE MAY NOT EXIST	
65CSP681469-2		TBD - VALVE MAY NOT EXIST	
65CSP681469-3		TBD - VALVE MAY NOT EXIST	
65CSP681469-4		TBD - VALVE MAY NOT EXIST	
65CSP681469-5		TBD - VALVE MAY NOT EXIST	
65CSP681469-6	SPARE		
65CSP681469-7	SPARE		
65CSP681469-8	SPARE		
65CSP681469-9	SPARE		
65CSP681469-10	SPARE		
65CSP681469-11	SPARE		
65CSP681469-12	SPARE		

1. ALL ABV SUPPLIED IN NC CONFIGURATION
2. CONTROL LINE A ALWAYS START FROM SOLENOID A PORT
3. CONTROL LINE B ALWAYS START FROM SOLENOID B PORT
4. FOR NC ABV
 - a. CONTROL LINE A TERMINATES AT ABV LEFT PORT
 - b. CONTROL LINE B TERMINATES AT ABV RIGHT PORT
5. FOR NO ABV
 - a. CONTROL LINE A TERMINATES AT ABV RIGHT PORT
 - b. CONTROL LINE B TERMINATES AT ABV LEFT PORT



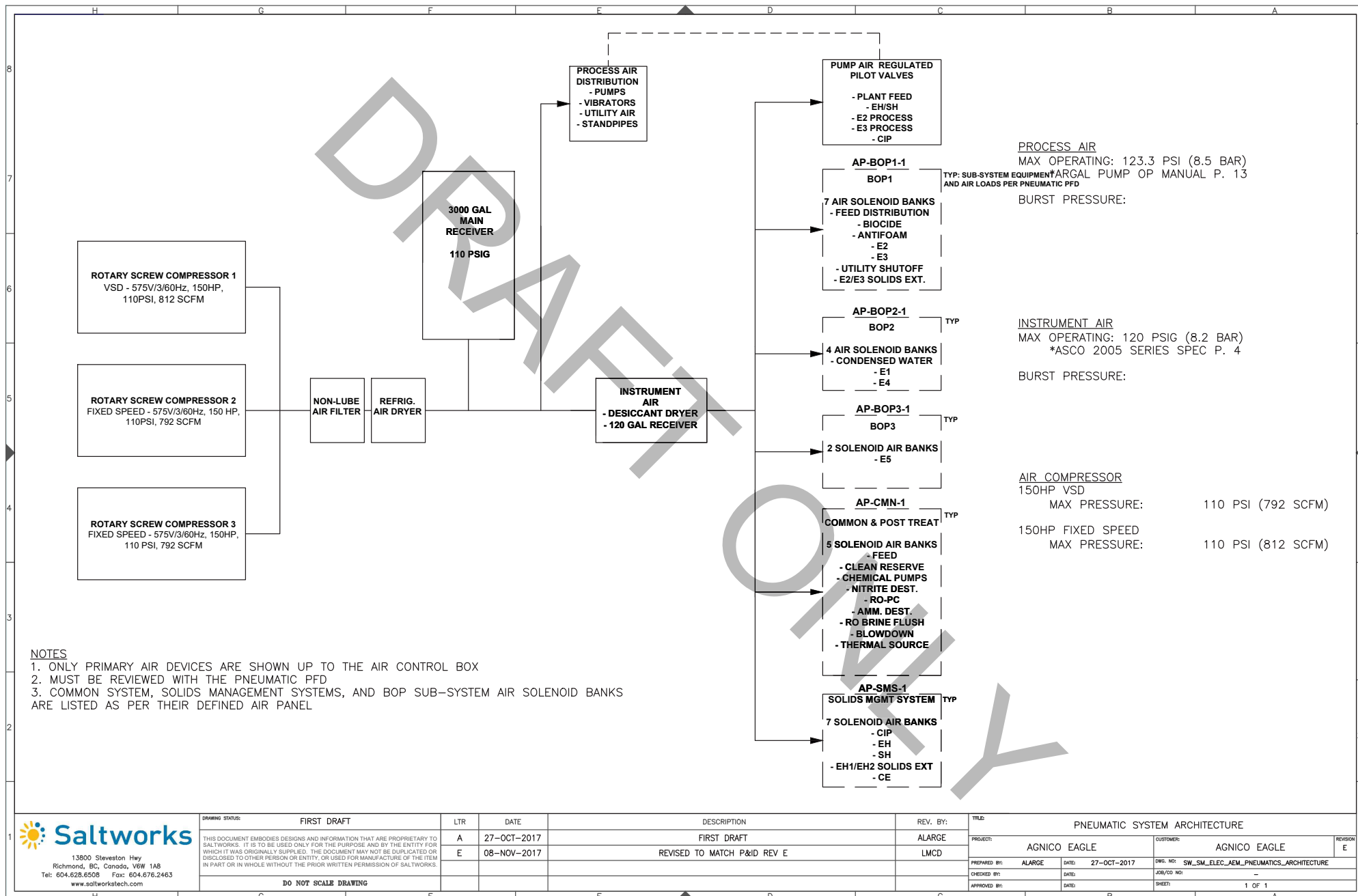
13800 Steveston Hwy
Richmond, BC, Canada, V6W 1A8
Tel: 604.628.6508 Fax: 604.676.2463
www.saltworkstech.com

DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:
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	27-DEC-2017	SM2 ADDITION	LMCD
	I	19-JAN-2018	REVISED TO REFLECT PFD AND P&ID REV I	PH
	F	23-NOV-2017	REMOVED AMF AND UPDATED SOLENOID BANK	XXIAO
	G	11-DEC-2017	REVISED TO REFLECT PFD AND P&ID REV G	LMCD

DO NOT SCALE DRAWING

(SM2) 461: H1/H2 SE AIR BANK

PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	REVISION:	I
PREPARED BY:	PH	DATE:	19-JAN-2018	DWG. NO:	SW_EN_SM_GEN_III_PID_DWG_461
CHECKED BY:	XXIAO	DATE:	23-JAN-2018	JOB/CD NO:	(JOB NO.)
APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE	SHEET:	# OF #



13600 Steveston Hwy
Richmond, BC, Canada, V6W 1A8
Tel: 604.628.6508 Fax: 604.676.2463
www.saltworkstech.com

DRAWING STATUS:	FIRST DRAFT
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.	
DO NOT SCALE DRAWING	

LTR	DATE	DESCRIPTION	REV. BY:
A	27-OCT-2017	FIRST DRAFT	ALARGE
E	08-NOV-2017	REVISED TO MATCH P&ID REV E	LMCD

TITLE:	PNEUMATIC SYSTEM ARCHITECTURE				REVISION
PROJECT:	AGNICO EAGLE		CUSTOMER:		E 1
PREPARED BY:	ALARGE	DATE:	27-OCT-2017	DWG. NO:	SW_SM_ELEC_AEM_PNEUMATICS_ARCHITECTURE
CHECKED BY:		DATE:		JOB/CD NO:	
APPROVED BY:		DATE:		SHEET:	1 OF 1



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.

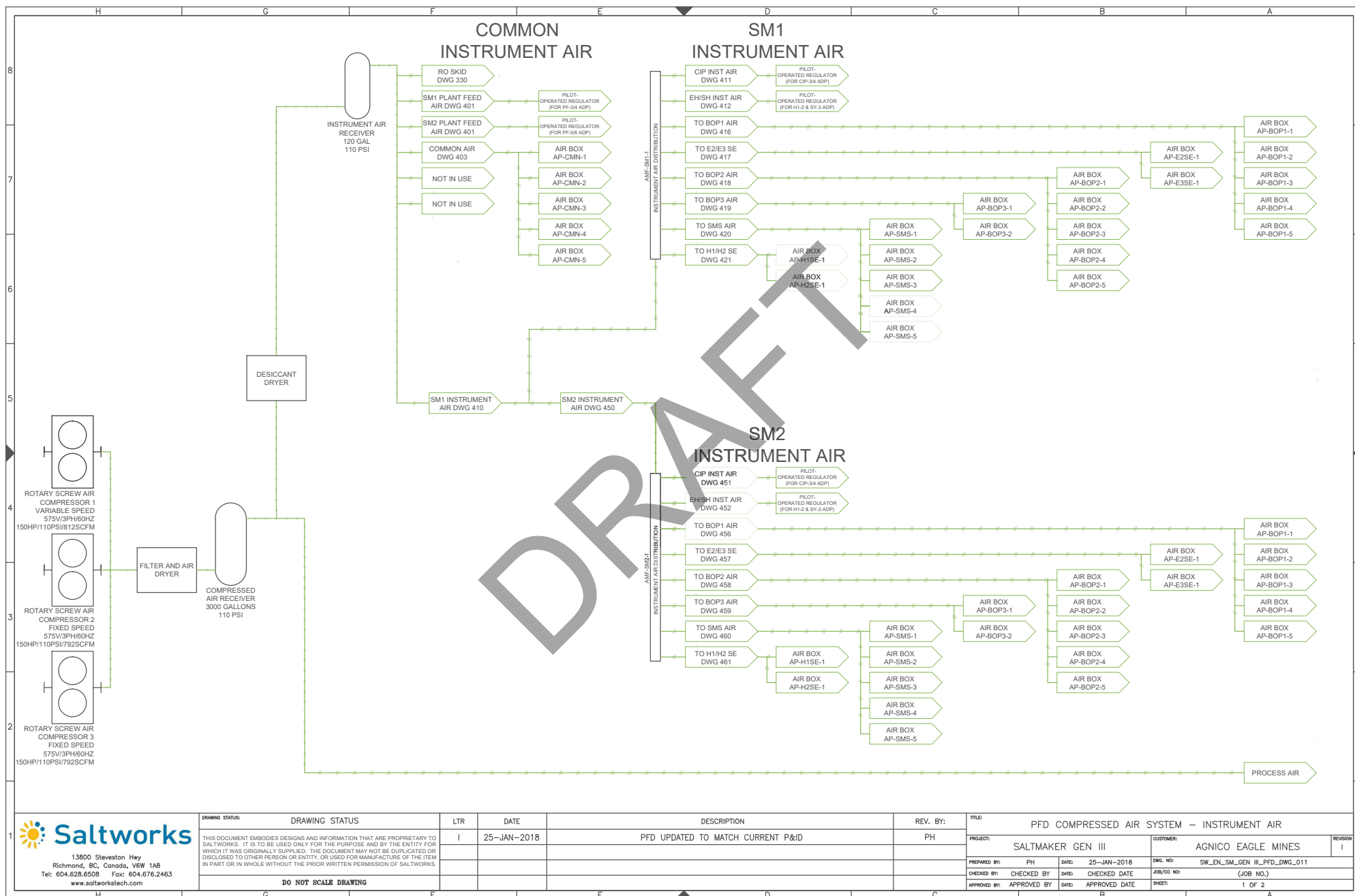
Agnico Eagle
No.

6515-S-265-069-205-PID-0004 R: Sub001

DOCUMENT FOR INFORMATION

DRAFT

		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 15:37:48 -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-0003 R: Sub002	
DOCUMENT FOR INFORMATION			

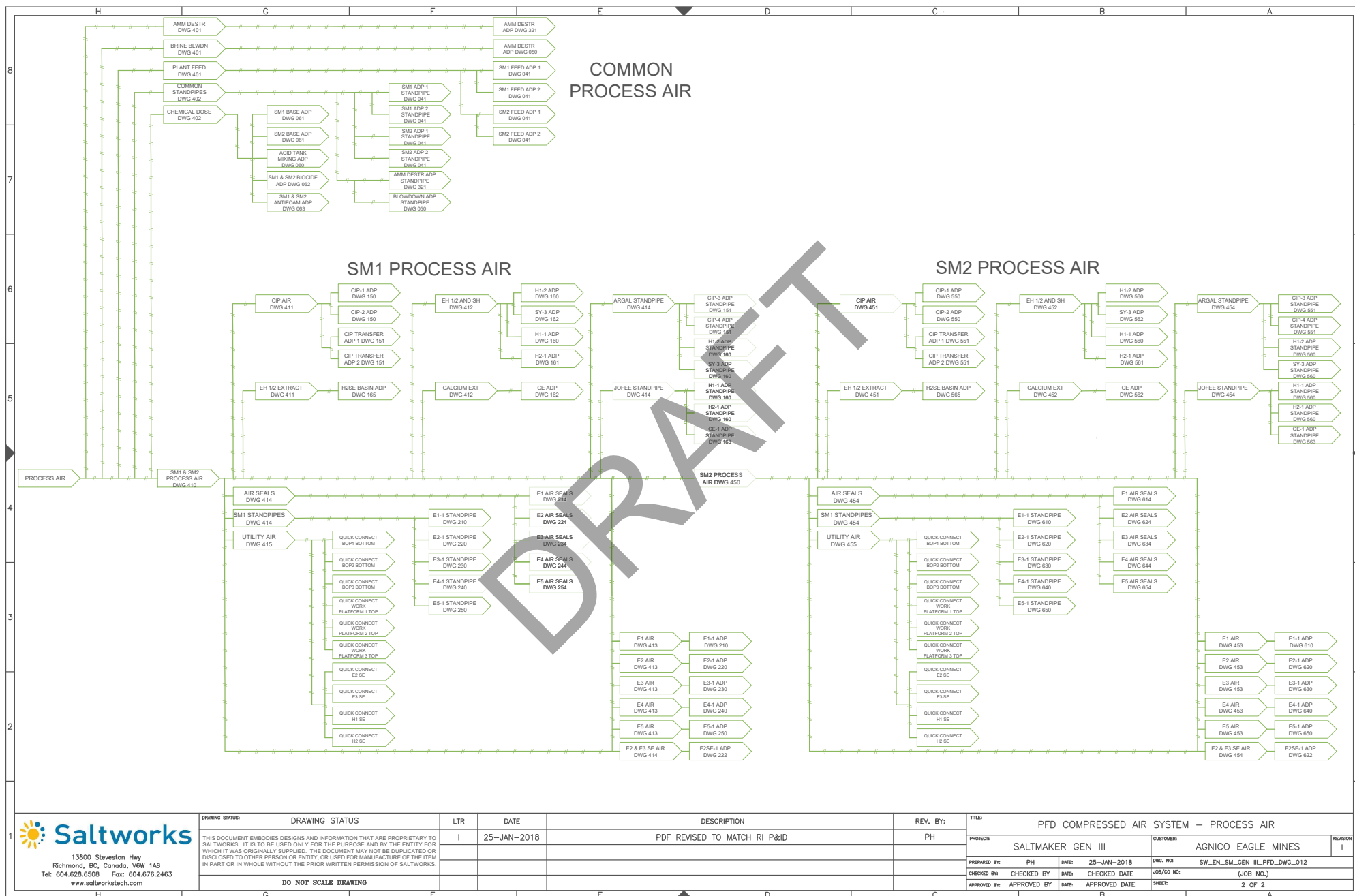


13900 Steveston Hwy
Richmond, BC, Canada, V6W 1A8
Tel: 604.628.6508 Fax: 604.676.2463
www.saltworkstech.com

DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE:
I	25-JAN-2018	PFD UPDATED TO MATCH CURRENT P&ID	PH	PH	PFD COMPRESSED AIR SYSTEM - INSTRUMENT AIR

DO NOT SCALE DRAWING

PROJECT:	CUSTOMER:	REVISION:
SALTMAKER GEN III	AGNICO EAGLE MINES	I
PREPARED BY: PH	DATE: 25-JAN-2018	DWG. NO: SW_EN_SM_GEN_III_PFD_DWG_011
CHECKED BY:	CHECKED DATE:	JOB/CD NO: (JOB NO.)
APPROVED BY:	APPROVED DATE:	SHEET: 1 OF 2





Saltworks

AGNICO EAGLE MINES
P&ID DRAWING PACKAGE

THERMAL SOURCE
REVISION I

DRAFT



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
Instrumentation Date: 2018.02.13 15:40:07 -05'00

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-0006 R: Sub003

DOCUMENT FOR INFORMATION



13600 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:
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.		F	23-NOV-2017	PROCESS UPDATE	JLAU	COVER SHEET
		G	09-DEC-2017	PI RANGES, VALVE TYPE, AS BUILT UPDATES	JLAU	
		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:	I	
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			<u>COMPRESSED AIR-SM1</u>
29	SW_EN_SM_AEM-01_PID_SM1_DWG_214	EFFECT 1 AIR SEALS			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	EH1/EH2 EXTRACT AND CIP AIR
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	
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			



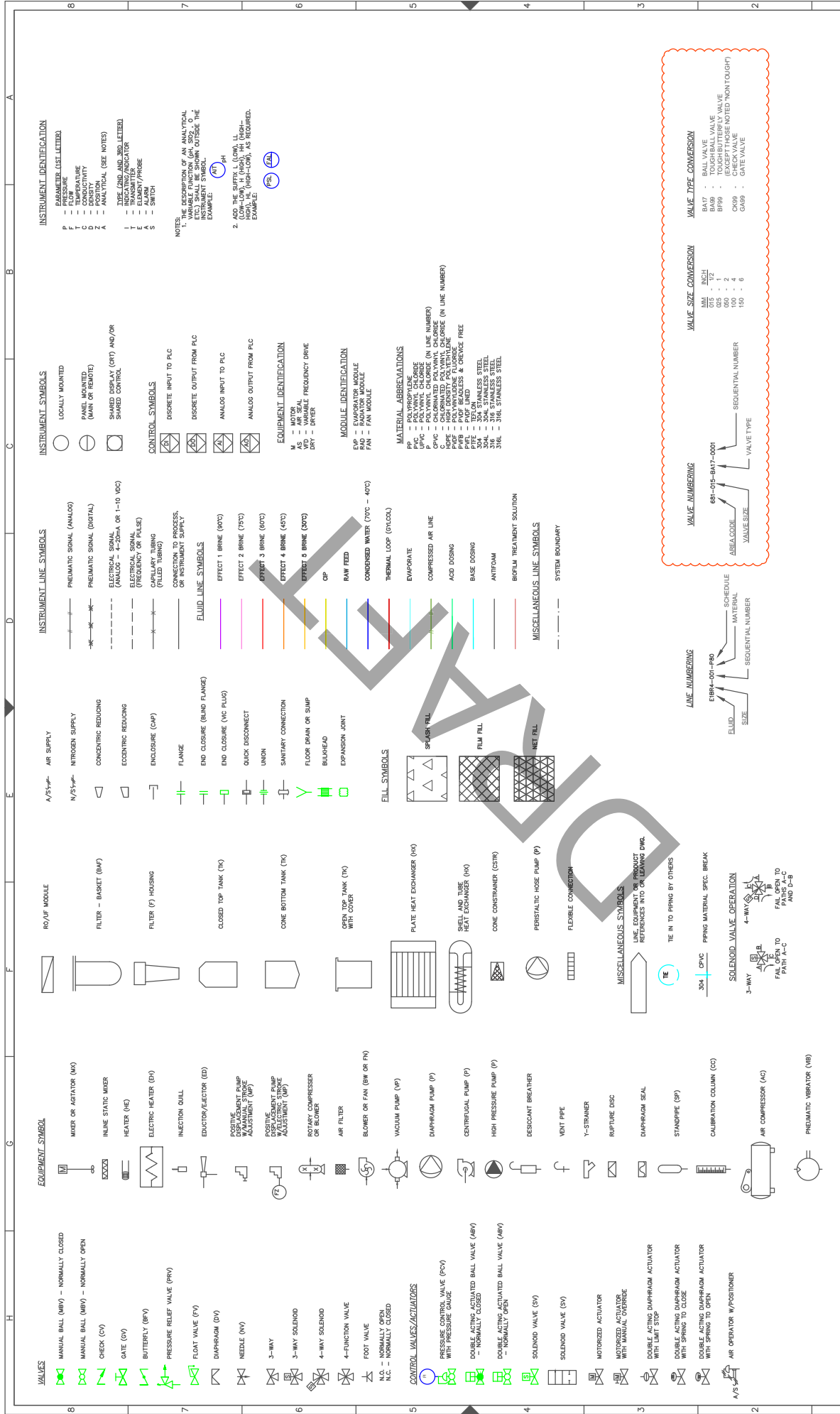
13600 Steveston Hwy
Richmond, BC, Canada, V6W 1A8
Tel: 604.628.6508 Fax: 604.676.2463
www.saltworkstech.com

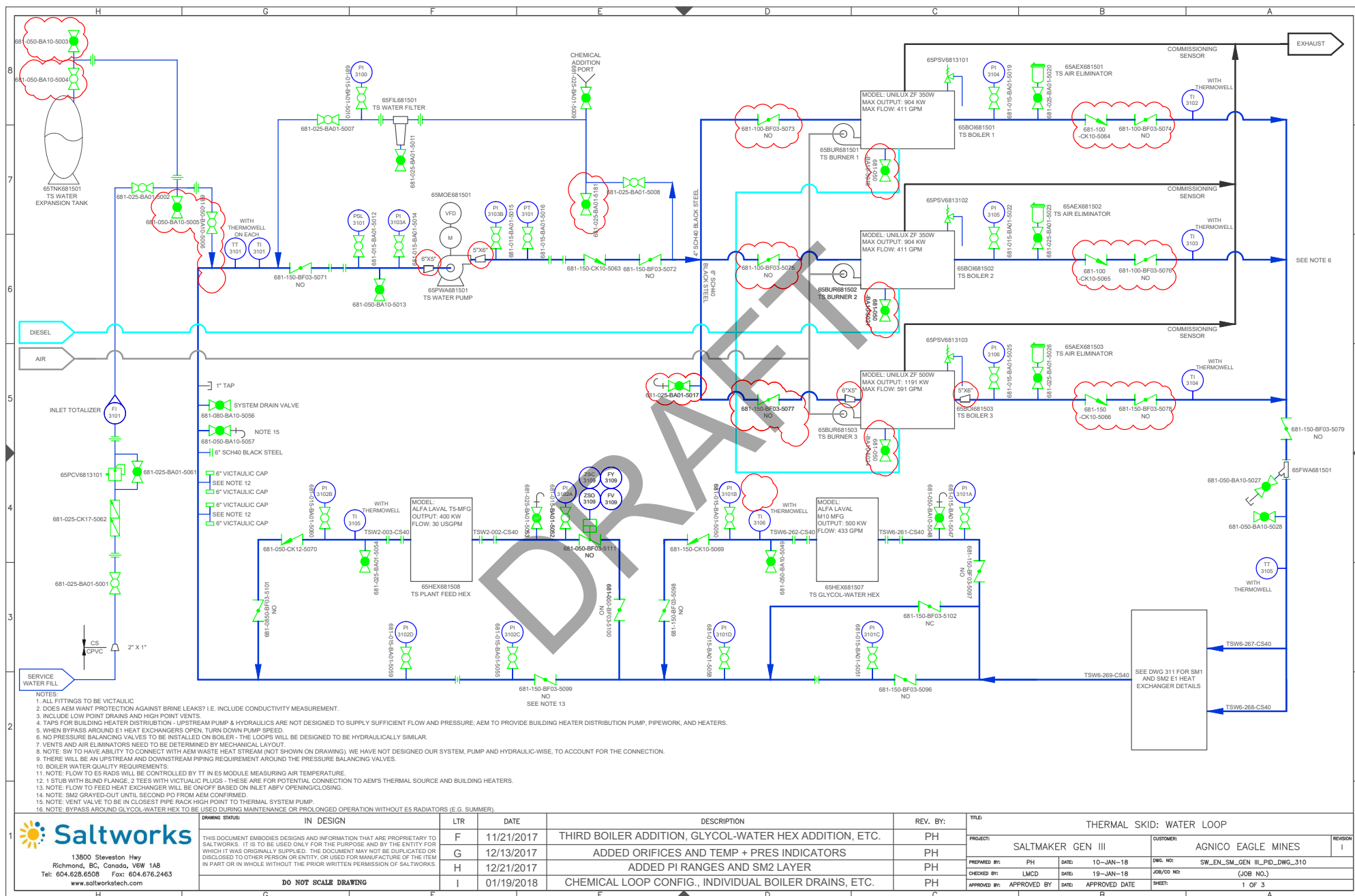
DRAWING STATUS	LTR	DATE	DESCRIPTION	REV. BY:	TITLE:
THIS DOCUMENT EMBODIES DESIGNS AND INFORMATION THAT ARE PROPRIETARY TO SALTWORKS. IT IS TO BE USED ONLY FOR THE PURPOSE AND BY THE ENTITY FOR WHICH IT WAS ORIGINALLY SUPPLIED. THE DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO OTHER PERSON OR ENTITY, OR USED FOR MANUFACTURE OF THE ITEM IN PART OR IN WHOLE WITHOUT THE PRIOR WRITTEN PERMISSION OF SALTWORKS.	F	23-NOV-2017	ADDED DWG_064, DWG_223, DWG_233	JLAU	DRAWING LIST 1
	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 #

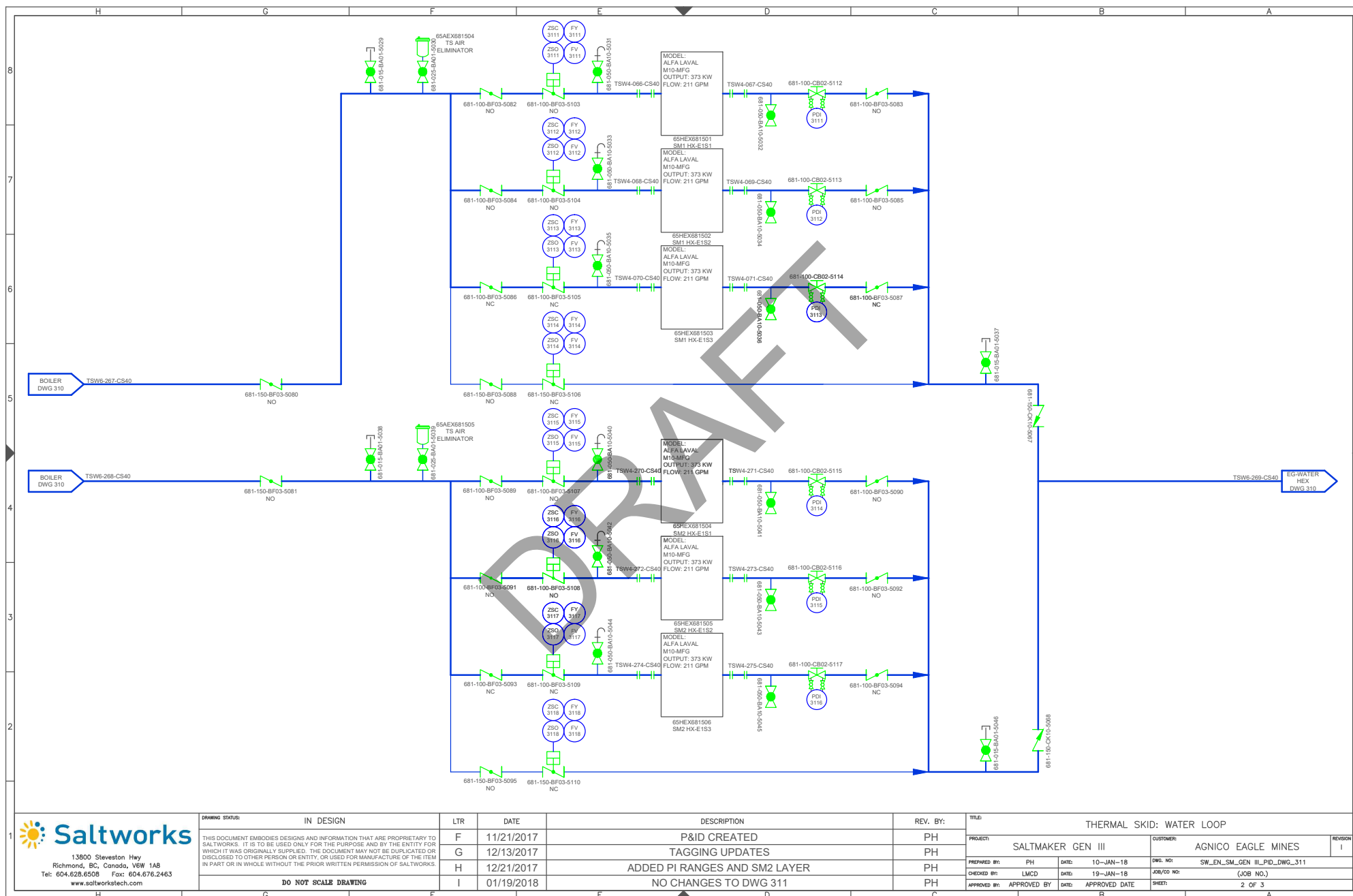
DRAWING LIST 2

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
			116	SW_EN_SM_AEM-01_PID_SM2_DWG_654	EFFECT 5 AIR SEALS

 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.		F	23-NOV-2017	ADDED DWG_064, DWG_223, DWG_233	JLAU	PROJECT:	SALTMAKER GEN III	CUSTOMER:	AGNICO EAGLE MINES	REVISION: 1	
			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	CHECKED BY:	MLOW	DATE:	05-SEP-2017	JOB/CO. NO:	(JOB NO.)
						JLAU	APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE	SHEET:	# OF #
			DO NOT SCALE DRAWING		I	19-JAN-2018	UPDATED DWG NUMBERS					

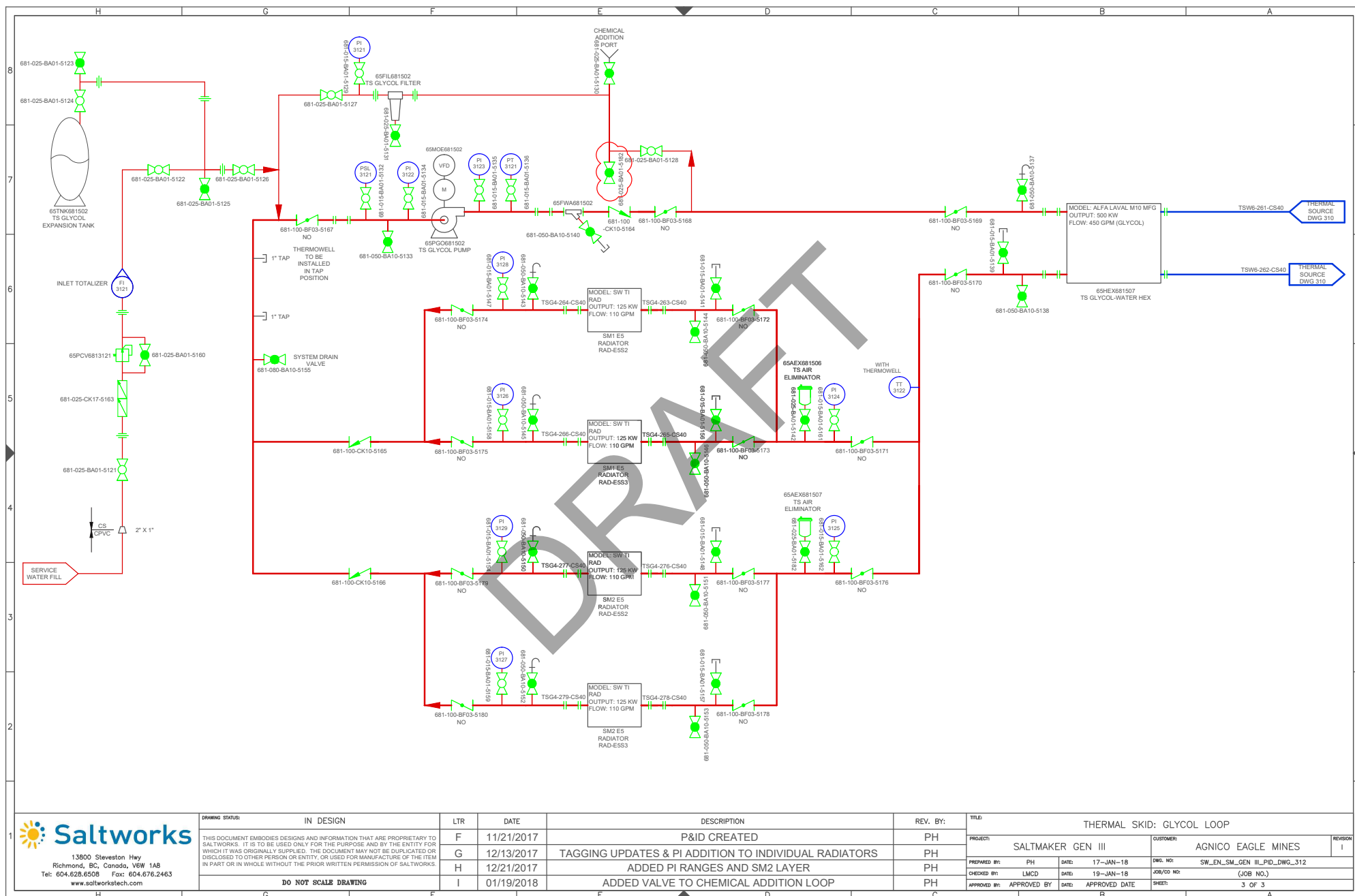


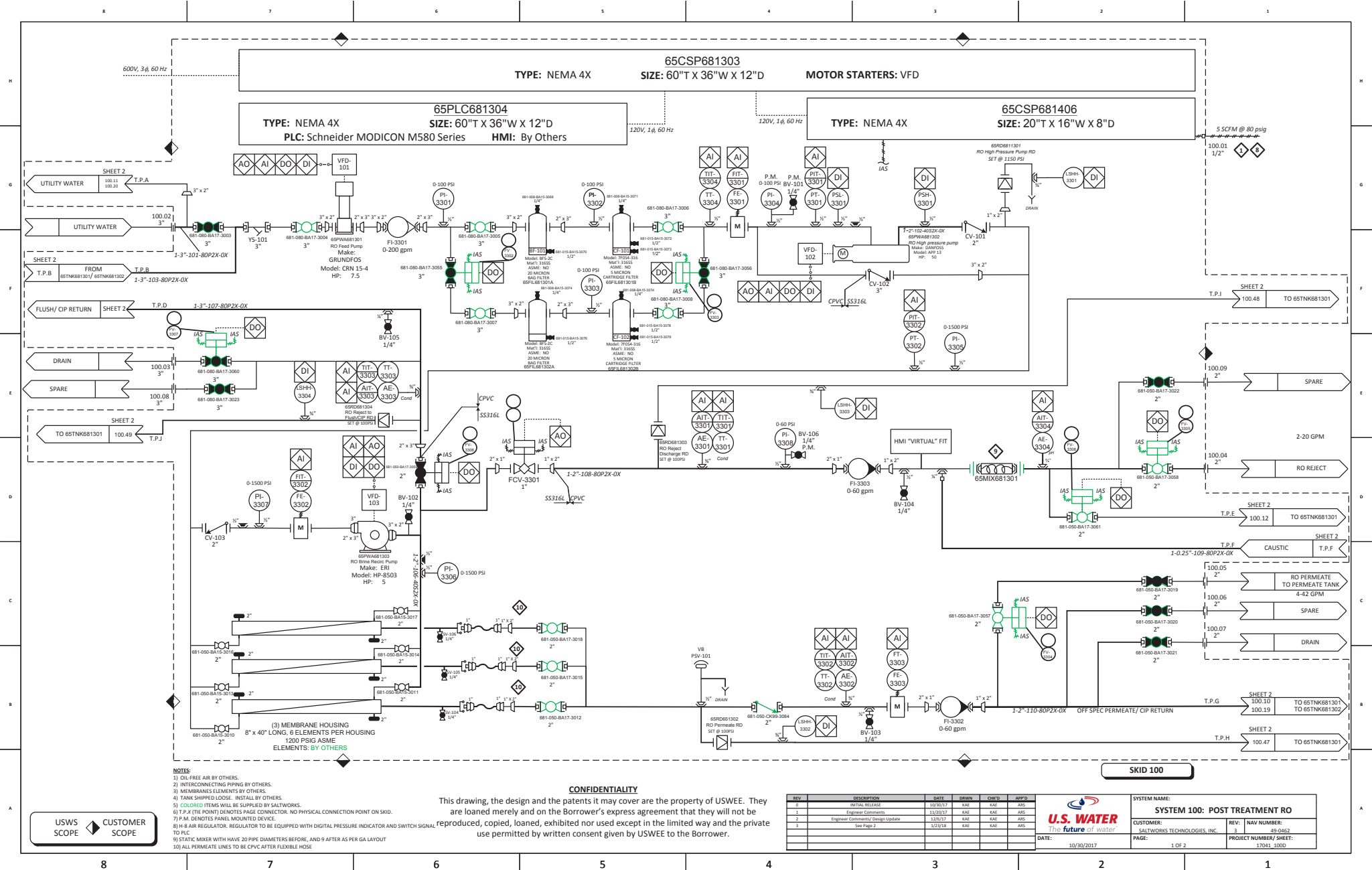




13600 Steveston Hwy
Richmond, BC, Canada, V6W 1A8
Tel: 604.628.6508 Fax: 604.676.2463
www.saltworkstech.com

DRAWING STATUS:	IN DESIGN	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.	F	G	11/21/2017	P&ID CREATED	PH	THERMAL SKID: WATER LOOP	SALTMAKER GEN III	AGNICO EAGLE MINES	I
	F	G	12/13/2017	TAGGING UPDATES	PH				
	H	I	12/21/2017	ADDED PI RANGES AND SM2 LAYER	PH				
	I	I	01/19/2018	NO CHANGES TO DWG 311	PH				
DO NOT SCALE DRAWING						PREPARED BY:	PH	DATE:	10-JAN-18
						CHECKED BY:	LMCD	DATE:	19-JAN-18
						APPROVED BY:	APPROVED BY	DATE:	APPROVED DATE
						DWG. NO:	SW_EN_SM_GEN_III_PID_DWG_311	JOB/CD NO:	(JOB NO.)
						SHEET:	2 OF 3		





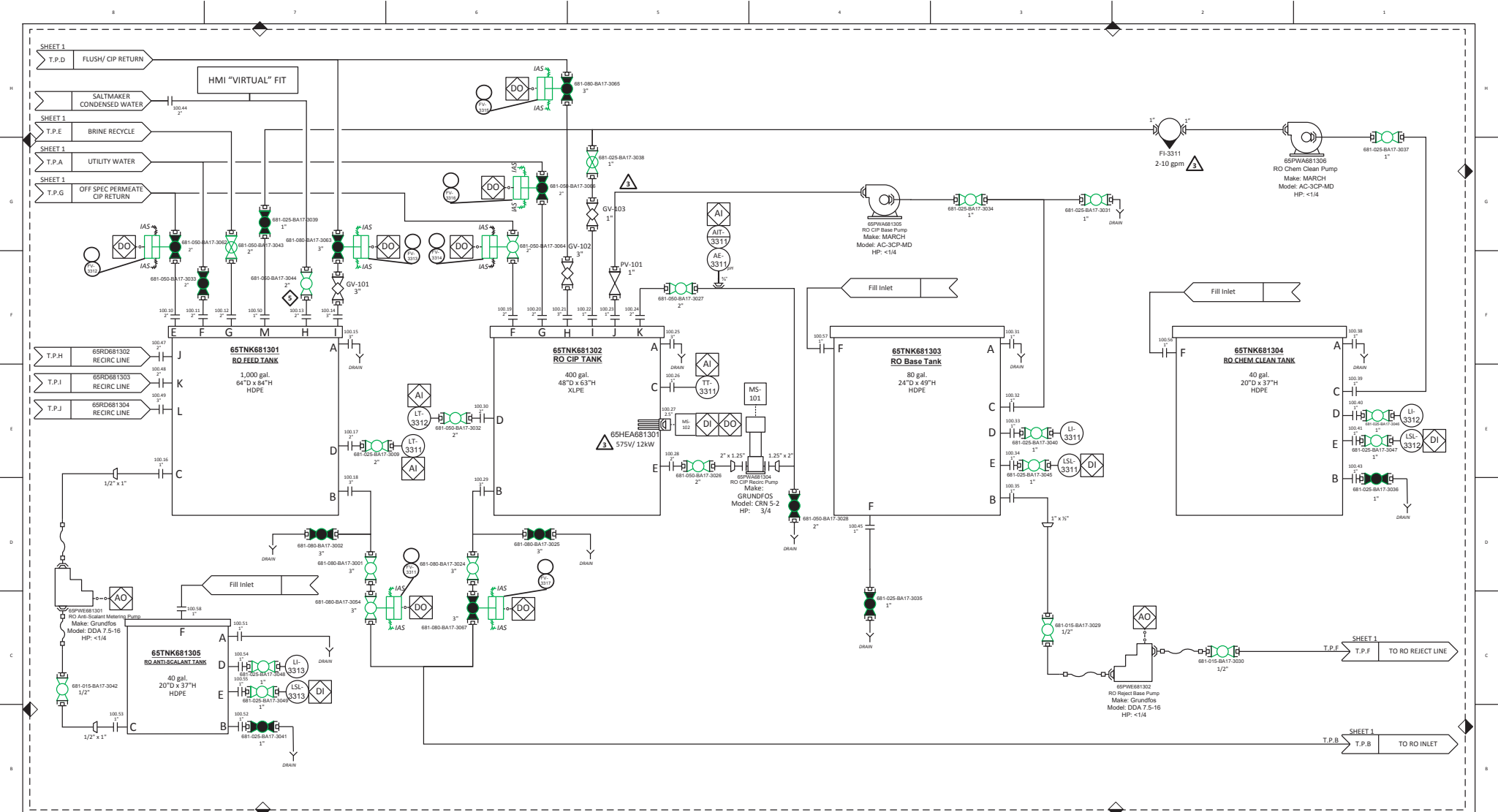
- NOTES:**
- 1) OIL-FREE AIR BY OTHERS.
 - 2) INTERCONNECTING PIPING BY OTHERS.
 - 3) MEMBRANE ELEMENTS BY OTHERS.
 - 4) TANK SHIPPED LOOSE. INSTALL BY OTHERS.
 - 5) COLORED ITEMS WILL BE SUPPLIED BY SALTWORKS.
 - 6) T.P. & (TIE POINT) DENOTES PAGE CONNECTOR. NO PHYSICAL CONNECTION POINT ON SKID.
 - 7) P.M. DENOTES PANEL MOUNTED DEVICE.
 - 8) H-8 AIR REGULATOR TO BE EQUIPPED WITH DIGITAL PRESSURE INDICATOR AND SWITCH SIGNAL TO PLC.
 - 9) STATIC MIXER WITH HAVE 20 PIPE DIAMETERS BEFORE, AND 9 AFTER AS PER GA LAYOUT
 - 10) ALL PERMEATE LINES TO BE CPVC AFTER FLEXIBLE HOSE

CONFIDENTIALITY

This drawing, the design and the patents it may cover are the property of USWEE. They are loaned merely and on the Borrower's express agreement that they will not be reproduced, copied, loaned, exhibited nor used except in the limited way and the private use permitted by written consent given by USWEE to the Borrower.

REV	DESCRIPTION	DATE	DRAWN	CHG'D	APP'D
0	INITIAL RELEASE	10/30/17	KAE	KAE	AMS
1	Engineered Comments	12/02/17	KAE	KAE	AMS
2	Engineer Comments/ Design Update	12/02/17	KAE	KAE	AMS
3	See Page 2	12/02/18	KAE	KAE	AMS

U.S. WATER The future of water®		SYSTEM NAME: SYSTEM 100: POST TREATMENT RO	
DATE: 10/30/2017		CUSTOMER: SALTWORKS TECHNOLOGIES, INC.	
PAGE: 1 OF 2		REV: 3 NAV NUMBER: 49-0462	
		PROJECT NUMBER/ SHEET: 17041_1000	



- NOTES:
- 1) TANKS SHIP LOOSE, AND ARE INSTALLED BY OTHERS.
 - 2) COLORED ITEMS ARE SUPPLIED BY SALTWORKS.
 - 3) T.P.X (THE POINT) DENOTES PAGE CONNECTOR. NO PHYSICAL CONNECTION POINT ON SKID.
 - 4) 7) P.M. DENOTES PANEL MOUNTED DEVICE.
 - 5) ITEM(S) SHIPPED LOOSE & INSTALLED BY OTHERS.

CONFIDENTIALITY

This drawing, the design and the patents it may cover are the property of USWEE. They are loaned merely and on the Borrower's express agreement that they will not be reproduced, copied, loaned, exhibited nor used except in the limited way and the private use permitted by written consent given by USWEE to the Borrower.

REV	DESCRIPTION	DATE	BY	CHK'D	APP'D
0	INITIAL RELEASE	10/30/17	KAE	KAE	ARS
1	Engineer Comments	11/20/17	KAE	KAE	ARS
2	Engineer Comments/Design Update	12/6/17	KAE	KAE	ARS
3	Updated Tag and Electrical on CIP Header	1/23/18	KAE	KAE	ARS



DATE: 10/30/2017

SYSTEM NAME:		SYSTEM 100: POST TREATMENT RO	
CUSTOMER:	SALTWORKS TECHNOLOGIES, INC.	REV:	NAV NUMBER: 49-0462
PAGE:	2 OF 2	PROJECT NUMBER/ SHEET:	17041_1000/