

MAIN COMPONENTS

BT EVP01 01	FEED BALANCE TANK
HX EVP01 01	PLATE PREHEATER
PH EVP01 01	FORCED CIRCULATION HEATER
VS EVP01 01	VAPOR SEPARATOR
MVC EVP01 01	MECHANICAL VAPOR COMPRESSOR
CC EVP01 01	CONDENSATE COLLECTOR

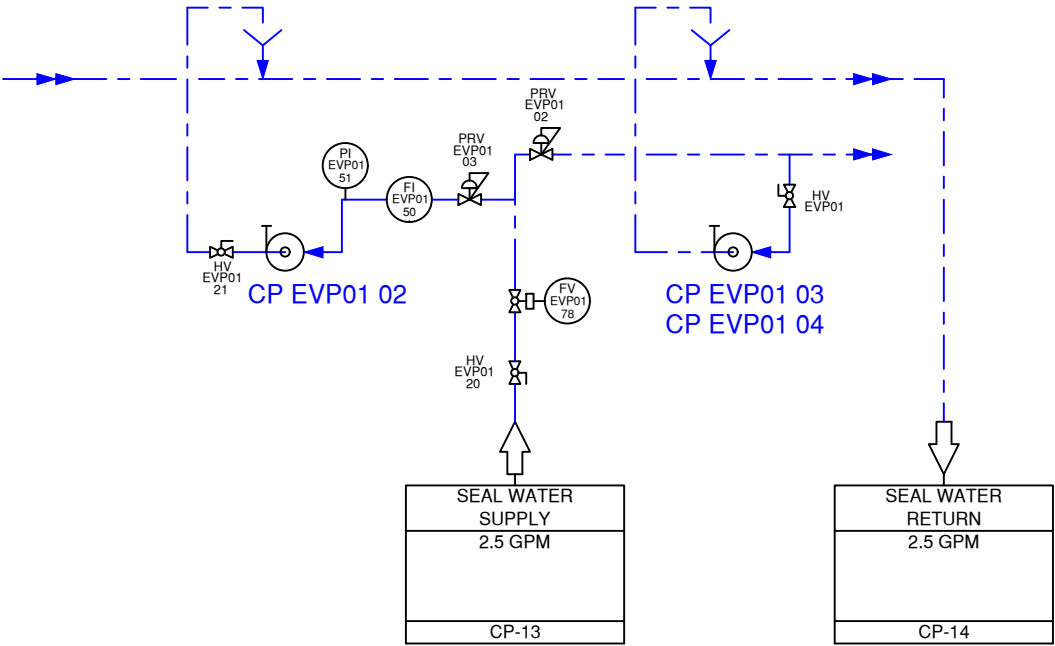
ORIFICE LIST

	HOLE SIZE	LINE SIZE	STYLE
OR EVO01 01	3/4"	1.5"	150# FLG
OR EVO01 02	1"	2.5"	150# FLG
OR EVO01 03	3/4"	1.5"	150# FLG
OR EVO01 04	3/4"	1.5"	150# FLG
OR EVO01 05	185MM	8"	150# FLG
OR EVO01 06	1.5"	2"	150# FLG

PUMPS

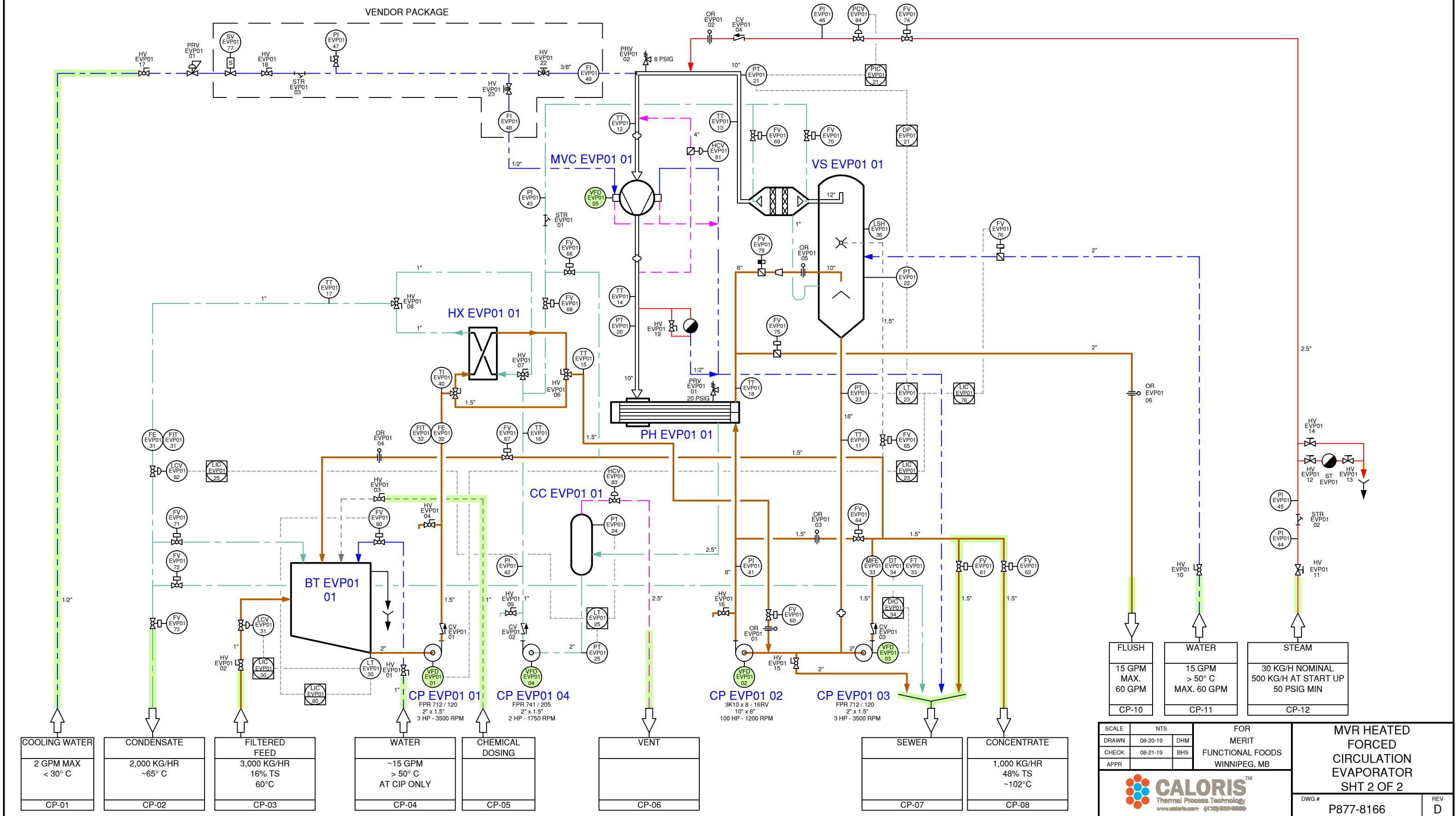
CP EVP01 01	FEED PUMP
CP EVP01 02	RECIRCULATION PUMP
CP EVP01 03	PRODUCT DISCHARGE PUMP
CP EVP01 04	PROCESS CONDENSATE DISCHARGE PUMP

- NOTES:
1. REFER TO LEGEND DRAWING PSTD-8030 EXCEPT WHEN SUPERCEDED BY INFORMATION GIVEN HEREIN.
 2. HIGHLIGHTED (GREEN) LINES AND ITEMS ARE SUPPLIED BY OTHERS (NOT IN CALORIS SCOPE OF SUPPLY).
 3. UNLESS OTHERWISE NOTED, SOLENOIDS FOR ALL PNEUMATICALLY ACTUATED VALVES ARE LOCATED IN LOCAL CONTROL PANEL(S).
 4. UNLESS OTHERWISE NOTED, I/P CONVERTERS FOR ALL PNEUMATICALLY ACTUATED CONTROL VALVES ARE MOUNTED ON THE VALVE.



PRELIMINARY

Confidential Information This document contains proprietary information, which Caloris Engineering, LLC considers to be of a confidential nature. All materials contained or referred to herein shall not be disclosed to third parties without prior authorization by Caloris Engineering, LLC. Upon request by Caloris Engineering, LLC, this document and all attachments shall be returned to Caloris Engineering, LLC.	D	RELEASE FOR ENGINEERING	BY: DGM 02-07-20	SCALE DRAWN	NTS 08-20-19	FOR MERIT FUNCTIONAL FOODS WINNIPEG, MB	MVR HEATED FORCED CIRCULATION EVAPORATOR SHT 1 OF 2	
	C	PRELIMINARY RELEASE	BY: DGM 10-23-19	CHECK APPR	08-21-19			
	B	RELEASE WITH PROPOSAL	BY: DHM 09-12-19					
	E	PROCESS UPDATES	BY: DHM WIP					
							DWG # P877-8166	REV D



FLUSH	WATER	STEAM
15 GPM MAX. 60 GPM	15 GPM > 50° C MAX. 60 GPM	30 KG/H NOMINAL 500 KG/H AT START UP 50 PSIG MIN
CP-10	CP-11	CP-12

SCALE	NTS	FOR	MVR HEATED FORCED CIRCULATION EVAPORATOR SHT 2 OF 2
DRAWN	08-20-19	DHM	
CHECK	08-21-19	BHS	
APPR			
FUNCTIONAL FOODS WINNIPEG, MB		DWG #	P877-8166
REV		D	