MAIN COMPONENTS

MISC.

PUMPS

LEGEND

- FBT 01 FEED BALANCE TANK
 PHX 01 PLATE PREHEATER
 PH 01 FORCED CIRCULATION HEATER
 FV 01 FLASH VESSEL
 MVC 01 MECHANICAL VAPOR COMPRESSOR BLO
 CC 01 CONDENSATE COLLECTOR

PUMPS

- PP 01 FEED PUMP
 PP 02 RECIRCULATION PUMP
 CP 01 PROCESS CONDENSATE DISCHARGE PU

NOTES: 1. HIGHLIGHTED (GREEN) LINES AND ITEMS ARI SUPPLIED BY OTHERS (NOT IN CALORIS SCOOF SUPPLY).



PRELIMIN

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 dischosed to third parties without prior authorization by Caloris Engineering, LLC. Upon request by Caloris Engineering, LLC, Lipon acquest by Caloris Engineering, LLC.

Confidential Information

RELEASE WITH PROPOSAL BY: DHM 08-21-19	BY:	BY: OHECK APPR	」 ≺								OT IN CALORIS SCOPE	INES AND ITEMS ARE									ISCHARGE PUMP								PRESSOR BLOWER	ATER				
	CALORIS	08-20-19 DHM BURCON 08-21-19 BHS NUTRASCIENCE WINNIPEG, MB	GNAL	FAB EQUIP TAGS OBJECTS	COMPRESSED AIR	HOT WATER COOLING MEDIUM POTABLE WATER POTABLE WATER	CONDENSATE — — —	CIP	PRODUCT PRODUCT	RO PERMEATE	VENTING	VAPOR STEAM	LINE TYPES	PIPING HEADER	AH ELMINATOR		FLOW CONTROL	TANK INSULATION	HEATING BLANKET UNDER TANK INSULATION	_	CALIBRATION COLUMN	INSULATION	HEAT TRACING AND INSULATION	☐ REDUCER	FD FLOOR DRAIN					ODIRECT STEAM NJECTOR T VACUUM BREAKER		STEAM FILTER SIGHT GLASS		ORIFICE
P877-8166 A	SHT 1 OF 2	MVK HEALED FORCED CIRCULATION	CUSTOMER CP-###	PANEL MOUNTED INSTRUMENT	FIELD MOUNTED INSTRUMENT	M ELECTRIC MOTOR	INSTRUMENTS	NEEDLE VALVE	PULSATION DAMPENER	PRESSURE REGULATOR VALVE	ADJUSTABLE PRESSURE RELIEVE VALVE	PRESSURE RELIEF VALVE	3 POS PLUG VALVE - 3 WAY 3 POSITION			BALL VALVE		DIVERT VALVE		DATA ATABATING	VALVE TYPE	FAIL OPEN		ACTUATOR ACTION		E ELECTRIC ACTUATOR MANUAL OPERATED (1/4 TURN)	MODULATING AIR ACTUATOR	ON - OFF AIR ACTUATOR	ACTUATOR TYPE	POSITIVE DISPLACEMENT PUMP)	VACUUM PUMP	O CENTRIFUGAL PUMP	

