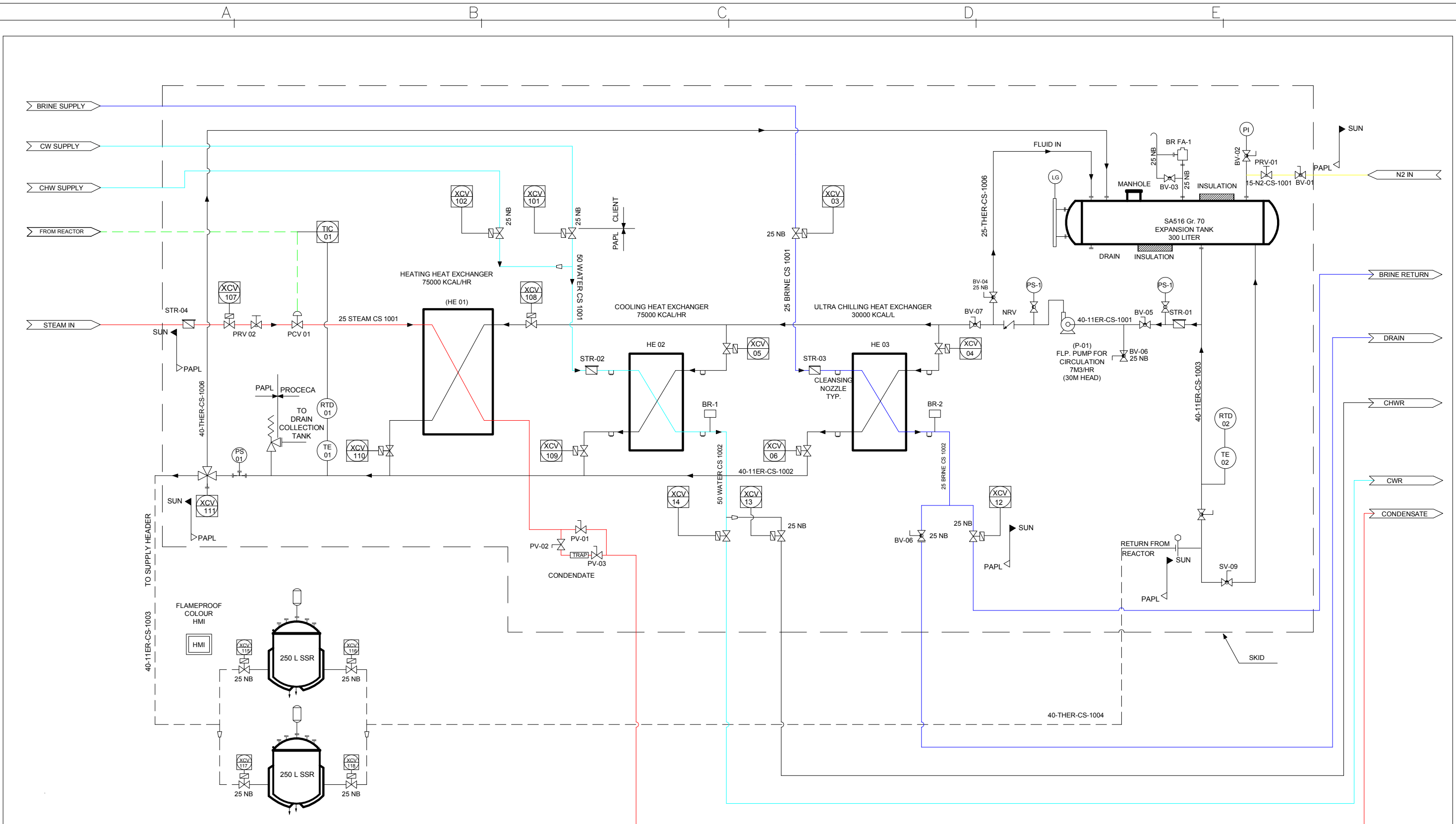


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LEGEND	DISCRIPTION
	STEAM TRAP
	PISTON VALVE
	PRESS. REGU VALVE
	BALL VALVE
	NON RETURN VALVE
	PRESSURE SAFETY VALVE
	BREATHER VALVE
	SOLENOID VALVE

LEGEND	DISCRIPTION
	STRAINER
	CONTROL VALVE
	PRESSURE INDICATOR
	TEMP. ELEMENT
	HIGH LEVEL SWITCH
	LOW LEVEL SWITCH
	LEVEL GAUGE
	AIR FILTER REGULATOR

ID	DISCRIPTION	QTY.			
		40 NB	50 NB	25 NB	15 NB
BV	MANUAL BALL VALVE	3		4	1
NRV	NON RETURN VALVE	1			1
XCV	ACTUATED BALL VALVE	11	2	4	
STR	STRAINER	1	1	2	
ACV	ACTUATED 3 WAY VALVE	1			
PCV	PNEUMATIC CONTROL VALVE			1	
PSV	PRESSURE SAFETY VALVESTeam	1			
PRV	PRESSURE REGULATING VALVE			1	1
TRAP	STEAM TRAP			1	
PV	PISTON VALVE			3	
BR	BREATHER VALVE		2		
BR FA	BREATHER VALVE CUM FLAME ARRESTOR		1		

ID	DISCRIPTION	QTY
LG	MANUAL BALL VALVE	13
TE	NON RETURN VALVE	2
RTD	ACTUATED BALL VALVE	2
TIC	STRAINER	IN PLC
JB	ACTUATED 3 WAY VALVE	1
HE01	PNEUMATIC CONTROL VALVE	1
HE02	PRESSURE SAFETY VALVESTeam	1
HE03	PRESSURE REGULATING VALVE	1
P	STEAM TRAP	1
FS	PISTON VALVE	1
FA	FLAME ARRESTOR	1
ET	EXPASION TANK	1

CODE - 1	APPROVED	<input type="checkbox"/>	CODE - 2	APPROVED WITH COMMENT	<input type="checkbox"/>
CODE - 3	RESUBMIT	<input type="checkbox"/>	FOR INFORMATION	RETAINED FOR INFORMATION	<input type="checkbox"/>
SIGN - 1			DATE		
SIGN - 2			DATE		

TITLE : P & ID DIAGRAM FOR SINGLE FLUID HEATING & COOLING SYSTEM SKID					
CUSTOMER : SUN PHARMACEUTICALS INDIA LTD.					
PROJECT : REACTOR AUTOMATION		PLANT : NAGAR		UNIT :	
DRG. NO. PAPL/OFFER/003					
SHEET : 01 OF 01					
REV.	ALTERNATION	DATE	MADE BY	CHK BY	CONSULTANTS : - S.M. PISE

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