

HM HEAT METER - WIRE TO ASSOCIATED SENSORS

CD COMBINED DIRT AND AIR SEPARATOR

TS TEMPERATURE SENSORS

NOTES

ALL INFORMATION WITHIN THESE DRAWINGS IS THE
INTELLECTUAL PROPERTY OF BDP AND SHALL ONLY BE
USED FOR THE PROJECTS AND PROJECT STAGES WITH
APPROVAL FROM BDP.

DO NOT SCALE FROM THIS DRAWING WITHOUT CONFIRMING
WITH BDP. CHECK ALL DIMENSIONS ON SITE AND ENSURE
EQUIPMENT FITS PRIOR TO ORDERING.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL
OTHER DRAWINGS AND DOCUMENTATION INCLUDING
DRAWINGS FROM OTHER PROFESSIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE
COORDINATION OF THE MECHANICAL AND ELECTRICAL
SYSTEMS AND OTHER COORDINATION WITH ALL OTHER
BUILDING ELEMENTS.

THIS DRAWING IS A SCHEMATIC AND SHOULD BE READ IN
CONJUNCTION WITH THE EQUIPMENT SCHEDULES.
CONTROLS POINTS LIST AND ALL OTHER DRAWINGS.
A SAFETY VALVE OUTLETS SHALL BE PLUMBED TO GROUND
LEVEL.

PROVIDE ALL ADDITIONAL TEST POINTS REQUIRED TO FULLY
COMMISSION THE SYSTEM

REFER TO THE CONTROLS DRAWING, DESCRIPTION, AND
POINTS LIST TO DETERMINE REQUIREMENTS FOR CONTROLS
COMPONENTS AND ALLOW FOR ALL REQUIRED SENSOR
POCKETS OR OTHER CONTROLS REQUIREMENTS.

PROVIDE ALL INCIDENTAL CONNECTIONS AND ACCESSORIES
REQUIRED BY EQUIPMENT MANUFACTURERS.

LOCATE ALL VALVES, PUMPS, METERS AND PANELS WITHIN
REACH OF AN OPERATIVE STANDING ON THE FLOOR AND
LOCATE THEM TO ALLOW EASE OF MAINTENANCE WITHOUT
OBSTRUCTION.

ORIENTATE AND LOCATE ALL VALVES, STRAINERS AND
OTHER COMPONENTS AS ADVISED BY THE MANUFACTURER
AND ALLOW STRAIGHT LENGTHS OF PIPE BEFORE EACH
COMPONENT. TO MANUFACTURERS RECOMMENDATIONS.

ENSURE CLEAR DISTANCES OF NO LESS THAN 1.2M ARE
PROVIDED IN FRONT OF ALL CONTROL PANELS.

FIT CONDENSATE DRAINS AND ACCESS HATCHES TO THE
BASE OF ALL FLUES AND PLUMB TO DRAIN.

ROUTE CONDENSATES AWAY FROM MAIN WALKWAYS AND
PROVIDE PROTECTION WHERE THEY RUN ON GROUND.

CONNECTIONS TO HEADER SHALL BE MADE IN THE EXACT
ORDER SHOWN ON THE SCHEMATIC AND WITH A MINIMUM
DISTANCE OF 400MM BETWEEN CONNECTIONS.

1/2 TURN LEVER ISOLATION VALVE
DOUBLE REGULATING VALVE WITH ORIFICE
MEASUREMENT

NON RETURN VALVE

PRESSURE REDUCING VALVE
COMBINED PRESSURE AND TEMPERATURE RELIEF
VALVE

THREE PORT MOTORIZED VALVE
TWO PORT MOTORIZED VALVE

PRESSURE INDEPENDENT BALANCING CONTROL.
PRESSURE VALVE
DRAIN VALVE WITH HOSE CONNECTION

THERMOSTATIC VALVE

PUMP

STRAINER

TEMPERATURE GAUGE

PRESSURE GAUGE

TEMPERATURE SENSOR

HUMIDITY SENSOR

T4	BOR	CC	04/09/26
T2	BOR	CC	24/08/26
T1	BOR	CC	24/07/26
	BOR	CC	26/08/26

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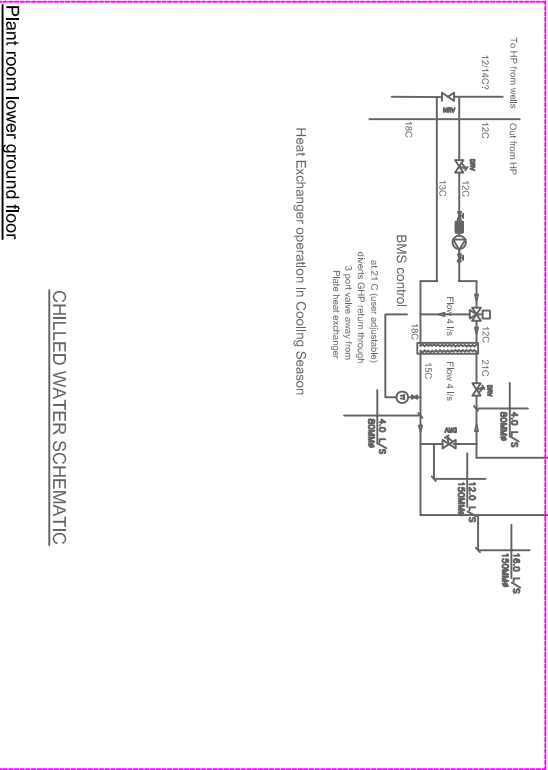
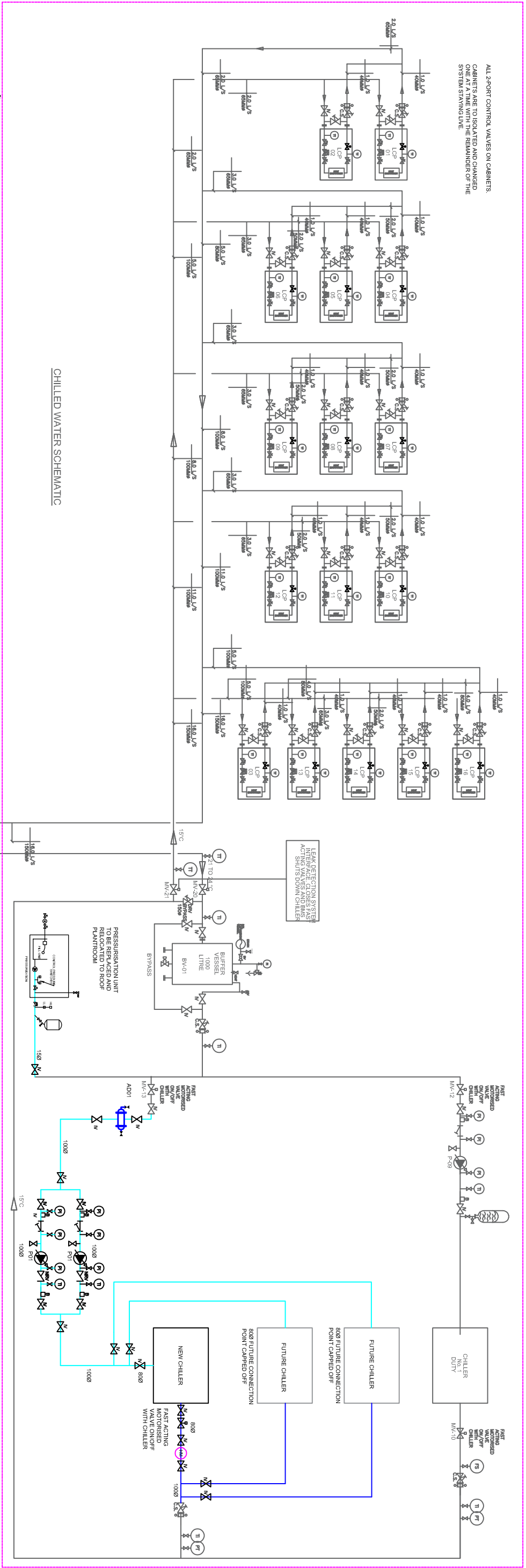
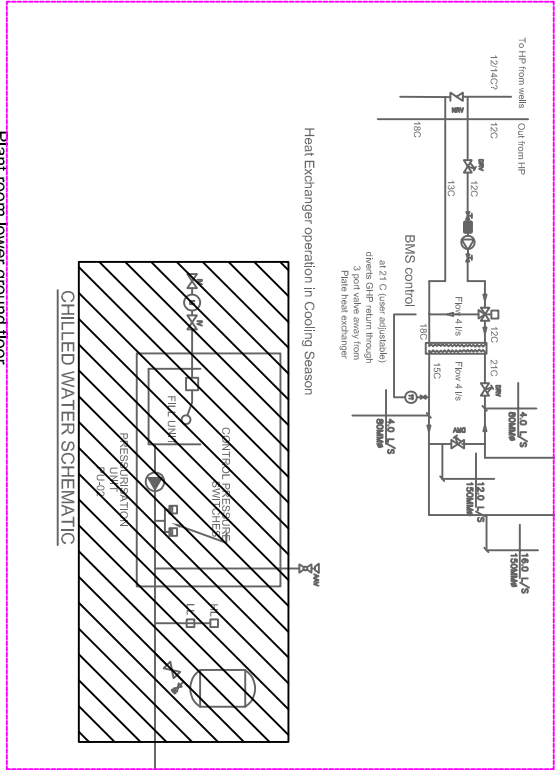
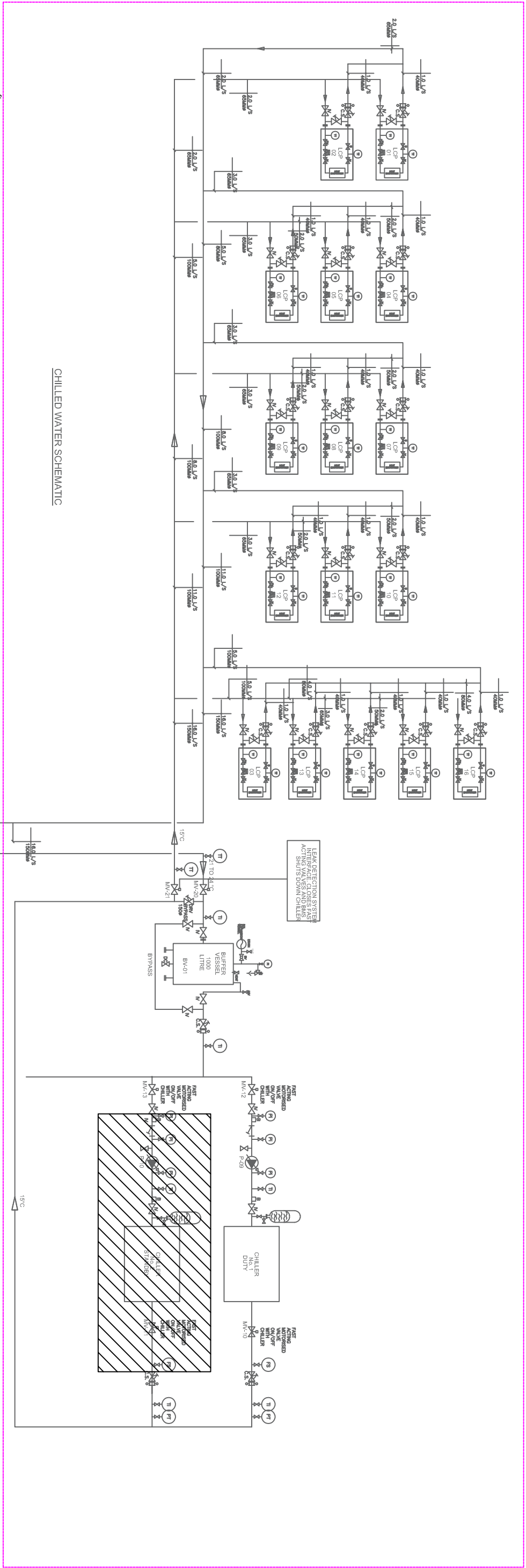
BDP.

SETU - NET LABS
CHILLER UPGRADE

CHILLED WATER
SCHEMATIC

P3003748 (5-M)001 T04

EXISTING



PROPOSED