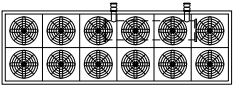


LEGENDS

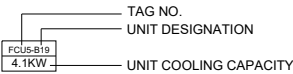


CHILLER



PIPING

INDOOR UNIT IDENTIFICATION



GENERAL NOTES:

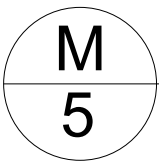
- THIS DRAWING SHOWS THE THIRD FLOOR PIPING LAYOUT.
- ALL DIMENSION ARE IN M UNLESS OTHERWISE SPECIFIED.
- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE BALANCING, TESTING, AND COMMISSIONING OF THE WHOLE AIR CONDITIONING AND VENTILATION SYSTEM.

AIR COOLED LIQUID CHILLER

UNIT NO.	LOCATION	SERVICE	QTY.	CAPACITY (kW)	Ambient Temperature (°C)	WATER COOLER			FOULING FACTOR	TYPE	REFRIGERANT	COMPRESSOR	
						W.L.T (°C)	W.L.T (°C)	FLOW RATE (L/S)				CONSUMED POWER (kW)	ELECTRICAL CHARACTERISTIC
CH-1	ROOF DECK	CHILLERS WATER SUPPLY	1	668.10	50	45	15	31.85	0.02	SEMI-HERMETIC SCREW	R134A	192.80	400/3/50

CH-1
668.10 KW

4.00
3.50
2.22
0.50



ROOF DECK PIPING LAYOUT

SCALE

1:400



BatStateU
BATANGAS STATE UNIVERSITY
Gov. Pablo Borbon Main Campus II
Alangilan, Batangas City
MECHANICAL ENGINEERING DEPARTMENT

PROJECT LEADER

ENGR. MARK KERVIN N. ABU
MECHANICAL ENGINEER

SECTION: ME - 5103

GROUP NO: 12

DATE SUB: JANUARY 10, 2020

ENGR. ALLAN B. DE VILLA
PROFESSIONAL MECHANICAL ENGINEER

PTR No.

Issued on:

Issued at:

PROJECT / LOCATION:

PROPOSED THREE STOREY HOSPITAL

BATANGAS CITY

OWNER

TEAM ABU

ENGR. RONIEL A. AZUCENA
PRESIDENT

PREPARED BY:

ABU, MARK KERVIN N.

AZUCENA, RONIEL A.

CASTILLO, JOHN ADRIAN M.

No.

1

2

3

REVISIONS

DRAWING DETAILS

DRAWING DETAILS

DRAWING DETAILS

DATE

12/10/2019

12/22/2019

01/10/2020

SHEET CONTENT

ROOF DECK PIPING LAYOUT

SHEET NO.

M

5