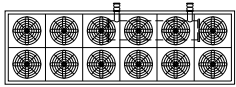


LEGENDS

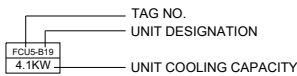


CHILLER



PIPING

INDOOR UNIT IDENTIFICATION

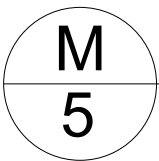
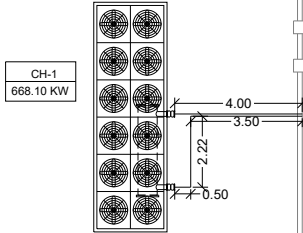


GENERAL NOTES:

- 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



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	PTR No.
GROUP NO: 12	Issued on:
DATE SUB: JANUARY 07, 2020	Issued at:

ENGR. ALLAN B. DE VILLA PROFESSIONAL MECHANICAL ENGINEER	

PROJECT / LOCATION:	
PROPOSED THREE STOREY HOSPITAL	
BATANGAS CITY	

OWNER	
TEAM ABU	
ENGR. RONIEL A. AZUCENA PRESIDENT	

PREPARED BY:	No.	REVISIONS	DATE
	1	DRAWING DETAILS	12/10/2019
	2	DRAWING DETAILS	12/22/2019
	3	DRAWING DETAILS	01/07/2020
ABU, MARK KERVIN N.			
AZUCENA, RONIEL A.			
CASTILLO, JOHN ADRIAN M.			

SHEET CONTENT	
ROOF DECK PIPING LAYOUT	

SHEET NO.
M 5