



## LEGENDS

- CASSETTE TYPE FAN COIL UNIT
- PIPING
- WALL MOUNTED FAN COIL UNIT

### INDOOR UNIT IDENTIFICATION

- TAG NO.
- UNIT DESIGNATION
- UNIT COOLING CAPACITY

### GENERAL NOTES:

- THIS DRAWING SHOWS THE SECOND FLOOR PIPING LAYOUT.
- ALL DIMENSIONS 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.

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## SECOND FLOOR PIPING LAYOUT

SCALE

1:400

Tag No.	Unit Type	Qty	Cooling Capacity (kW)	Water Flow (L/s)	Rated Power Input (W)	Rated Current Input (A)	Max. Working Pressure (MPa)	Inlet/Outlet Pipe	Condensing Water Pipe
FCU1	Ceiling Exposed	2	2.5	0.07	51	0.23	1.6	ø 1/4"	ø 3/4"
FCU10	Ceiling Exposed	2	2.5	0.13	51	0.23	1.6	ø 3/8"	ø 3/4"
FCU11	Ceiling Exposed	5	2.5	0.17	51	0.23	1.6	ø 1/2"	ø 3/4"
FCU12	Ceiling Exposed	2	4.1	0.26	58	0.25	1.6	ø 3/4"	ø 3/4"
FCU13	Ceiling Exposed	4	4.5	0.26	73	0.32	1.6	ø 3/4"	ø 3/4"
FCU14	Ceiling Exposed	8	6	0.22	73	0.36	1.6	ø 1/2"	ø 3/4"
FCU15	Ceiling Exposed	1	6	0.06	73	0.36	1.6	ø 1/4"	ø 3/4"
FCU16	Ceiling Exposed	1	7.3	0.43	103	0.39	1.6	ø 1"	ø 3/4"
FCU17	Ceiling Exposed	1	7.3	0.26	103	0.39	1.6	ø 3/4"	ø 3/4"
FCU18	Ceiling Exposed	1	7.3	0.11	103	0.39	1.6	ø 3/8"	ø 3/4"
FCU19	Ceiling Exposed	4	8.8	0.35	109	0.39	1.6	ø 3/4"	ø 3/4"
FCU20	Wall Mounted	8	4.5	0.17	50	0.29	1.6	ø 1/2"	ø 3/4"



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

PROJECT LEADER	PROJECT / LOCATION:	OWNER	PREPARED BY:	No.	REVISIONS	DATE	SHEET CONTENT	SHEET NO.
ENGR. MARK KERVIN N. ABU MECHANICAL ENGINEER	PROPOSED THREE STOREY HOSPITAL	TEAM ABU	ABU, MARK KERVIN N.	1	DRAWING DETAILS	12/10/2019	SECOND FLOOR PIPING LAYOUT	<div>M 3</div>
ENGR. ALLAN B. DE VILLA PROFESSIONAL MECHANICAL ENGINEER	BATANGAS CITY	ENGR. RONIEL A. AZUCENA PRESIDENT	AZUCENA, RONIEL A.	2	DRAWING DETAILS	12/22/2019		
SECTION: ME - 5103 GROUP NO: 12 DATE SUB: JANUARY 07, 2020			CASTILLO, JOHN ADRIAN M.	3	DRAWING DETAILS	01/07/2020		