



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 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.

THIRD 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	3	2.5	0.07	51	0.23	1.6	ø 1/4"	ø 3/4"
FCU5	Ceiling Exposed	4	4.1	0.07	58	0.25	1.6	ø 1/4"	ø 3/4"
FCU9	Ceiling Exposed	8	6	0.11	73	0.36	1.6	ø 3/8"	ø 3/4"
FCU21	Ceiling Exposed	2	2.5	0.45	51	0.23	1.6	ø 1 1/4"	ø 3/4"
FCU22	Wall Mounted	12	4.5	0.11	73	0.32	1.6	ø 3/8"	ø 3/4"
FCU23	Ceiling Exposed	1	6	0.14	73	0.36	1.6	ø 3/8"	ø 3/4"
FCU24	Ceiling Exposed	1	6	0.18	73	0.36	1.6	ø 1/2"	ø 3/4"
FCU25	Ceiling Exposed	1	6	0.21	73	0.36	1.6	ø 1/2"	ø 3/4"
FCU26	Ceiling Exposed	1	8.8	0.18	109	0.39	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	INSTRUCTOR	PROJECT / LOCATION:	OWNER	PREPARED BY:	No.	REVISIONS	DATE	SHEET CONTENT	SHEET NO.
ENGR. MARK KERVIN N. ABU MECHANICAL ENGINEER	ENGR. ALLAN B. DE VILLA PROFESSIONAL MECHANICAL ENGINEER	PROPOSED THREE STOREY HOSPITAL	TEAM ABU	ABU, MARK KERVIN N.	1	DRAWING DETAILS	12/10/2019	THIRD FLOOR PIPING LAYOUT	M
SECTION: ME - 5103	PRC Reg No.			AZUCENA, RONIEL A.	2	DRAWING DETAILS	12/22/2019		4
GROUP NO: 12	TIN:			CASTILLO, JOHN ADRIAN M.					
DATE SUB: DECEMBER 22, 2019	Issued on:								
	Issued at:	BATANGAS CITY	ENGR. RONIEL A. AZUCENA PRESIDENT						