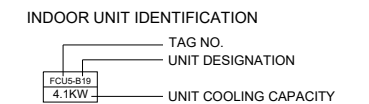
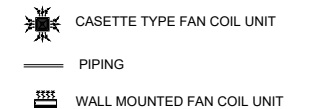


## LEGENDS



- GENERAL NOTES:
- THIS DRAWING SHOWS THE SECOND 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.

## 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	2	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	8.3	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	M
SECTION: ME - 5103	BATANGAS CITY	ENGR. RONIEL A. AZUCENA PRESIDENT	AZUCENA, RONIEL A.	2	DRAWING DETAILS	12/22/2019		3
GROUP NO: 12			CASTILLO, JOHN ADRIAN M.					
DATE SUB: DECEMBER 22, 2019								