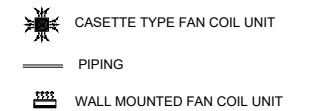
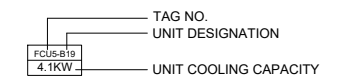


LEGENDS



INDOOR UNIT IDENTIFICATION



GENERAL NOTES:

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

M
3

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

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

SECOND FLOOR PIPING LAYOUT

SHEET NO.

M

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