



LEGENDS

CASSETTE TYPE FAN COIL UNIT

PIPING

AIR HANDLING UNIT

INDOOR UNIT IDENTIFICATION

TAG NO.

UNIT DESIGNATION

UNIT COOLING CAPACITY

GENERAL NOTES:

- THIS DRAWING SHOWS THE GROUND 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.

GROUND 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	24	2.5	0.07	51	0.23	1.6	ø 1/4"	ø 3/4"
FCU2	Ceiling Exposed	3	2.5	0.04	51	0.23	1.6	ø 1/8"	ø 3/4"
FCU3	Ceiling Exposed	1	2.5	0.15	51	0.23	1.6	ø 1/2"	ø 3/4"
FCU4	Ceiling Exposed	9	2.5	0.08	51	0.23	1.6	ø 3/8"	ø 3/4"
FCU5	Ceiling Exposed	4	4.1	0.07	58	0.25	1.6	ø 1/4"	ø 3/4"
FCU6	Ceiling Exposed	2	4.1	0.05	58	0.25	1.6	ø 1/4"	ø 3/4"
FCU7	Ceiling Exposed	1	4.1	0.11	58	0.25	1.6	ø 3/8"	ø 3/4"
FCU8	Ceiling Exposed	1	4.5	0.11	73	0.32	1.6	ø 3/8"	ø 3/4"
FCU9	Ceiling Exposed	1	6	0.11	73	0.36	1.6	ø 3/8"	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: DECEMBER 22, 2019

INSTRUCTOR

ENGR. ALLAN B. DE VILLA
PROFESSIONAL MECHANICAL ENGINEER

PRC Reg No.

TIN:

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

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REVISIONS

DRAWING DETAILS

DRAWING DETAILS

DATE

12/10/2019

12/22/2019

SHEET CONTENT

GROUND FLOOR PIPING LAYOUT

SHEET NO.

M

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