



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 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.

M
4

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 4 |
| SECTION: ME - 5103 | PRC Reg No. | | | AZUCENA, RONIEL A. | 2 | DRAWING DETAILS | 12/22/2019 | | |
| GROUP NO: 12 | TIN: | | | CASTILLO, JOHN ADRIAN M. | 3 | DRAWING DETAILS | 01/10/2020 | | |
| DATE SUB: JANUARY 10, 2020 | Issued on: | BATANGAS CITY | ENGR. RONIEL A. AZUCENA PRESIDENT | | | | | | |
| | Issued at: | | | | | | | | |