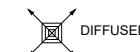


## LEGENDS



DIFFUSER

### GENERAL NOTES:

- THIS DRAWING SHOWS THE SECOND FLOOR DUCT 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.

### COOLING LOAD SCHEDULE

| UNIT TYPE  | QUANTITY | CAPACITY (CU. M/S) |
|------------|----------|--------------------|
| DIFFUSER-4 | 5        | 0.202 cu. m/s      |
| DIFFUSER-5 | 2        | 0.404 cu. m/s      |
| DIFFUSER-6 | 3        | 0.504 cu. m/s      |
| DIFFUSER-7 | 1        | 0.807 cu. m/s      |
| DIFFUSER-8 | 1        | 1.01 cu. m/s       |

DIFFUSER-8

## SECOND FLOOR DUCTING LAYOUT

SCALE

1:400



**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<br>MECHANICAL ENGINEER | ENGR. ALLAN B. DE VILLA<br>PROFESSIONAL MECHANICAL ENGINEER | PROPOSED THREE STOREY HOSPITAL | TEAM ABU                             | ABU, MARK KERVIN N.      | 1   | DRAWING DETAILS | 12/10/2019 | SECOND FLOOR DUCTING LAYOUT | M         |
| SECTION: ME - 5103                              | PRC Reg No.   |                                |                                      | AZUCENA, RONIEL A.       | 2   | DRAWING DETAILS | 12/22/2019 |                             | 7         |
| GROUP NO: 12                                    | TIN:  |                                |                                      | CASTILLO, JOHN ADRIAN M. |     |                 |            |                             |           |
| DATE SUB: DECEMBER 22, 2019                     | Issued on:  |                                |                                      |                          |     |                 |            |                             |           |
|   | Issued at:  | BATANGAS CITY                  | ENGR. RONIEL A. AZUCENA<br>PRESIDENT |                          |     |                 |            |                             |           |