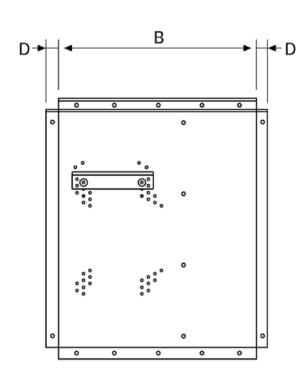


## **FRONT VIEW**



**SIDE VIEW** 

## **GENERAL NOTES:**

- 1. THE AIRFLOW VELOCITY THROUGH THE DOORWAY BETWEEN THE PRESSURIZED SPACE AND THE ACCOMMODATION SHALL NOT BE LESS THAN 0.75 M/S.
- 2. THE PRESSURE DIFFERENCE ACROSS THE DOOR BETWEEN THE PRESSURIZED SPACE AND THE ACCOMMODATION AREA ON THE FIRE STOREY SHALL NOT BE LESS THAN 50±10 PA.

**UNIT DIMENSION** 

В

С

D

Ε

790

600

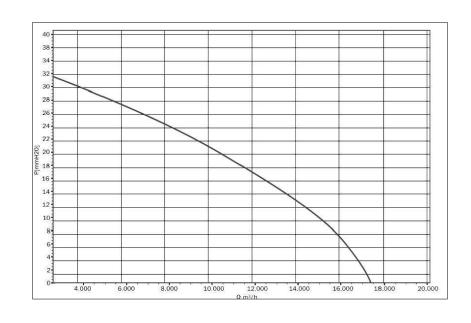
725

30

40

3. ALL UNIT DIMENSIONS ARE IN MM UNLESS SPECIFIED.

| STAIR CASE PRESSURIZATION FANS |      |                              |                        |                                |                   |                   |                        |                              |               |  |  |
|--------------------------------|------|------------------------------|------------------------|--------------------------------|-------------------|-------------------|------------------------|------------------------------|---------------|--|--|
| UNIT NO.                       | QTY. | SERVICE                      | LOCATION               | TYPE                           |                   | FAN DATA          | ELECTRICAL CONNECTION  |                              |               |  |  |
|                                |      |                              |                        |                                | CAPACITY<br>(L/S) | PRESSURE<br>(KPa) | MOTOR<br>POWER<br>(kW) | ELECTRICAL<br>CHARACTERISTIC | LOCATION      |  |  |
| P.F-01                         | 1    | STAIR CASE<br>PRESSURIZATION | UPPER<br>ROOF<br>FLOOR | CABINET<br>CENTRIFUGAL<br>FANS | 4722.22           | 6                 | 1.10                   | 400/3/60                     | ROOF<br>FLOOR |  |  |



## **PERFORMANCE CURVE**





| _      | PROJECT LEADER             | INSTRUCTOR  |            | PROJECT / LOCATION:            | OWNER                   | PREPARED BY:             | No. | REVISIONS       | DATE       | CLIEFT CONTENT             | SHEET NO. |
|--------|----------------------------|---|------------|--------------------------------|-------------------------|--------------------------|-----|-----------------|------------|----------------------------|-----------|
| I      |                            |   |            |                                |                         |                          | 1   | DRAWING DETAILS | 12/10/2019 | SHEET CONTENT              | SHEET NO. |
| )      | ENGR. MARK KERVIN N. ABU   | ENGR. ALLAN B. DE VILLA<br>PROFESSIONAL MECHANICAL ENGINEER |            | PROPOSED THREE STOREY HOSPITAL | TEAM ABU                | ABU, MARK KERVIN N.      | 2   | DRAWING DETAILS | 12/22/2019 | PRESSURIZATION FAN DETAILS | M         |
| TV     | MECHANICAL ENGINEER        |   |            |                                |                         |                          | 3   | DRAWING DETAILS | 01/07/2020 |                            |           |
| e II   |                            |   |            |                                |                         | AZUCENA, RONIEL A.       |     |                 |            |                            | ( IVI     |
| itv    | SECTION: ME - 5103         | PRC Reg No.   | PTR No.    |                                |                         | AZOCENA, NONIEE A.       |     |                 |            |                            | 29 /      |
| ENIT - | GROUP NO: 12               | TIN:  | Issued on: | BATANGAS CITY                  | ENGR. RONIEL A. AZUCENA | CASTILLO, JOHN ADRIAN M. |     |                 |            |                            |           |
|        | DATE SUB: JANUARY 07, 2020 |   | Issued at: | BATANGAS CITY                  | PRESIDENT               |                          |     |                 |            |                            |           |