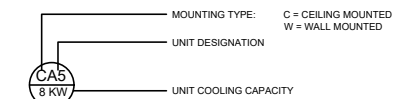


LEGENDS:

- DUCTING
- PIPING
- AHU AIR HANDLING UNIT
- CASSETTE TYPE FAN COIL UNIT
- WALL MOUNTED FAN COIL UNIT
- DIFFUSER

INDOOR UNIT IDENTIFICATION



GENERAL NOTES

- THIS DRAWING SHOWS THE SECOND FLOOR ACU 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.
- THIS DRAWING IS NOT INTENDED TO SHOW EVERY DETAIL OF INSTALLATION FITTINGS AND ACCESSORIES REQUIRED TO COMPLETE THE JOB.

PIPE WORKS

RUN	PIPE SIZE (MM)
PUMP-CHILLER	150
CHILLER-A	150
A-B	125
B-C	75
C-D	60
D-E	60
E-F	60
F-G	60
G-H	60
H-I	50
I-J	50
J-K	50
K-L	50
L-M	50
M-N	50
N-FCU	50

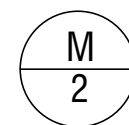
SUPPLY DUCT WORK

RUN	DUCT SIZE (MM)
AHU-A	1200
A-B	650
B-C	550
C-D	450
D-S	350
E-DIFFUSER	300

RETURN DUCT WORK

RUN	DUCT SIZE (MM)
INTAKE-B	550
B-A	650
A-AHU	1200

COOLING LOAD SCHEDULE						
UNIT TYPE	CAPACITY					
	4540 KW	6150 KW	7330 KW	8790 KW	11140 KW	305L/s
CEILING CASSETTE TYPE		1	13	2	3	
WALL MOUNTED TYPE	4					
DIFFUSERS						30



SECOND FLOOR ACU LAYOUT

SCALE

1:125MTS



BatStateU
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MECHANICAL ENGINEERING DEPARTMENT

PROJECT LEADER
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MECHANICAL ENGINEER
PRC Reg No.: SECTION: ME - 5102
TIN: GROUP NO: 02
DATE SUB: 11/19/18

INSTRUCTOR
ENGR. ALLAN B. DE VILLA
PROFESSIONAL MECHANICAL ENGINEER
PRC Reg No.: PTR No.:
TIN: Issued on:
Issued at:

PROJECT / LOCATION:
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OWNER
MAYNARD SABILI
LIPA CITY MAYOR

PREPARED BY:
AGUBA, JOHN RIEL U.
BLANCO, ROSELLE E.
DE ALVA, JOHN LLOYD G.

No.	REVISIONS	DATE
1	DRAWING DETAILS	11/26/18

SHEET CONTENT

SECOND FLOOR PLAN
HVAC LAYOUT

SHEET NO.

M
2