






## LEGENDS:

-  CASSETTE TYPE FAN COIL UNIT
-  WALL MOUNTED FAN COIL UNIT
-  DIFFUSER
-  AIR HANDLING UNIT
-  AIR COOLED CHILLER

## GENERAL NOTES

- THIS DRAWING SHOWS THE ISOMETRIC VIEW OF 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

GROUND FLOOR FAN COIL UNIT SPECIFICATION					
UNIT DESIGNATION	CAPACITY (W)	ELECTRICAL			
		Voltage	Phase	Ampere	
A1	7330	230	1	0.71	
A2	7330	230	1	0.71	
A3	7330	230	1	0.71	
A4	7330	230	1	0.71	
A5	11140	230	1	1.02	
A6	11140	230	1	1.02	
A7	11140	230	1	1.02	
A8	8790	230	1	1.02	
A9	8790	230	1	0.89	
A10	8790	230	1	0.89	
A11	6150	230	1	0.44	
A12	6150	230	1	0.44	
A13	6150	230	1	0.44	
A14	6150	230	1	0.44	
A15	6150	230	1	0.44	
A16	6150	230	1	0.44	
A17	6150	230	1	0.44	
A18	6150	230	1	0.44	
A19	6150	230	1	0.44	
A20	6150	230	1	0.44	
A21	4540	230	1	0.30	
A22	4540	230	1	0.30	
A23	4540	230	1	0.30	
A24	7330	230	1	0.71	
A25	7330	230	1	0.71	
A26	4540	230	1	0.30	
A27	6150	230	1	0.44	
A28	8790	230	1	0.89	
A29	4540	230	1	0.30	
A30	8790	230	1	0.89	
A31	4540	230	1	0.30	
A32	7330	230	1	0.71	
A33	7330	230	1	0.71	
A34	7330	230	1	0.71	
A35	4540	230	1	0.30	
A36	6150	230	1	0.44	
A37	8790	230	1	0.89	
A38	4540	230	1	0.30	

SECOND FLOOR FAN COIL UNIT SPECIFICATION					
UNIT DESIGNATION	CAPACITY (W)	ELECTRICAL			
		Voltage	Phase	Ampere	
B1	8790	230	1	0.89	
B2	8790	230	1	0.89	
B3	4540	230	1	0.30	
B4	11140	230	1	1.02	
B5	7330	230	1	0.71	
B6	7330	230	1	0.71	
B7	11140	230	1	1.02	
B8	11140	230	1	1.02	
B9	4540	230	1	0.30	
B10	7330	230	1	0.71	
B11	6150	230	1	0.44	
B12	7330	230	1	0.71	
B13	7330	230	1	0.71	
B14	7330	230	1	0.71	
B15	7330	230	1	0.71	
B16	7330	230	1	0.71	
B17	7330	230	1	0.71	
B18	7330	230	1	0.71	
B19	4540	230	1	0.30	
B20	4540	230	1	0.30	
B21	4540	230	1	0.30	
B22	7330	230	1	0.71	
B23	7330	230	1	0.71	

GROUND FLOOR FAN COIL UNIT SPECIFICATION					
UNIT DESIGNATION	CAPACITY (W)	ELECTRICAL			
		Voltage	Phase	Ampere	
C1	4540	230	1	0.30	
C2	7330	230	1	0.71	
C3	7330	230	1	0.71	
C4	7330	230	1	0.71	
C5	7330	230	1	0.71	
C6	7330	230	1	0.71	
C7	8790	230	1	0.89	
C8	11140	230	1	1.02	
C9	8790	230	1	0.89	
C10	8790	230	1	0.89	
C11	11140	230	1	1.02	
C12	11140	230	1	1.02	
C13	8790	230	1	0.89	
C14	8790	230	1	0.89	
C15	11140	230	1	1.02	
C16	8790	230	1	0.89	
C17	8790	230	1	0.89	
C18	11140	230	1	1.02	
C19	8790	230	1	0.89	
C20	8790	230	1	0.89	
C21	8790	230	1	0.89	
C22	8790	230	1	0.89	
C23	7330	230	1	0.71	
C24	4540	230	1	0.30	
C25	11140	230	1	1.02	
C26	8790	230	1	0.89	
C27	8790	230	1	0.89	
C28	8790	230	1	0.89	
C29	8790	230	1	0.89	
C30	7330	230	1	0.71	
C31	11140	230	1	1.02	
C32	8790	230	1	0.89	
C33	8790	230	1	0.89	
C34	8790	230	1	0.89	
C35	8790	230	1	0.89	
C36	8790	230	1	0.89	
C37	8790	230	1	0.89	
C38	8790	230	1	0.89	
C39	8790	230	1	0.89	
C40	8790	230	1	0.89	
C41	8790	230	1	0.89	
C42	11140	230	1	1.02	
C43	4540	230	1	0.30	

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## PIPING AND DUCTING SCHEDULE

SCALE

NTS



**BatStateU**  
BATANGAS STATE UNIVERSITY  
Gov. Pablo Borbon Main Campus II  
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MECHANICAL ENGINEERING DEPARTMENT

PROJECT LEADER		INSTRUCTOR		PROJECT / LOCATION:		OWNER		PREPARED BY:	No.	REVISIONS	DATE	SHEET CONTENT	SHEET NO.
JOHN RIEL U. AGUBA MECHANICAL ENGINEER		ENGR. ALLAN B. DE VILLA PROFESSIONAL MECHANICAL ENGINEER		OSPITAL NG LIPA		MAYNARD SABILI LIPA CITY MAYOR		AGUBA, JOHN RIEL U.	1	DRAWING DETAILS	11/26/18	PIPING AND DUCT WORKS SCHEDULE	M 4
PRC Reg No.: TIN:		PRC Reg No.: TIN:		347 Balintawak Road Lipa City, Batangas Philippines				BLANCO, ROSELLE E.					
SECTION: ME - 5102 GROUP NO: 02 DATE SUB: 11/19/18		PTR No.: Issued on: Issued at:						DE ALVA, JOHN LLOYD G.					