

GENERAL NOTES AND SPECIFICATIONS

- ALL EQUIPMENT SHALL BE INSTALLED IN APPROXIMATE LOCATION AS SHOWN ON THE DRAWINGS.
- ALL EQUIPMENT SHALL SET ON LEVEL REINFORCED CONCRETE FOUNDATION AT LEAST 150mm. HIGHER THAN THE FLOOR LINE , IF APPLICABLE.
- ALL EQUIPMENT SHALL BE MOUNTED ON OR SUPPORTED WITH VIBRATION ISOLATION UNITS OR ASSEMBLIES AS SPECIFIED AND OR AS SHOWN ON THE DRAWINGS.
- INSTALLATION OF ALL WORKS SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER, IMPROPERLY SETWORK OR FINISH AS DETERMINED BY THE ARCHITECT SHALL BE REMOVED AND AND REPLACED AT NO EXTRA COST.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW & CLEAN.
- DEVIATIONS AND REVISIONS FROM PLANS SHALL BE REFERRED TO THE ARCHITECT FOR REVIEW AND APPROVAL.
- ALL NECESSARY GOVERNMENT PERMIT SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR.
- ALL DIMENSION ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.
- ALL MECHANICAL WORKS SHALL BE IN ACCORDANCE WITH THE LATEST MECHANICAL ENGINEER'S CODE ASVE AND ASHRAE STANDARD.
- MECHANICAL CONTRACTOR SHALL OBSERVED ALWAYS SAFETY AND ORDERLINESS.
- MECHANICAL CONTRACTOR SHALL VERIFY SITE PRIOR TO ACTUAL INSTALLATION.

SPLIT TYPE AIR CONDITIONING UNIT:

UNIT DESIGNATION		SERVICE	COOLING CAPACITY (HP)	FAN COIL UNIT			REFRIGERANT		DRAIN PIPE Ø mm	WEIGHT kg.(APPROX.)		AIR COOLED CONDENSING UNIT			ELECTRICAL DATA			REMARKS				
INDOOR	OUTDOOR			QTY.	SUPPLY AIR (CFM)	FCU TYPE	UNIT DIMENSION (HxWxD)	SUCTION		LIQUID	INDOOR	OUTDOOR	QTY.	UNIT DIMENSION (HxLxW)	COOLING CAPACITY (BTU/HR)	POWER CONSUMPTION (APPROX.) KW.	REFRIGERANT SUCTION		LIQUID	VOLTS	PHASE	HERTZ
FCU	CCU	AS SHOWN	9000	1	406	WALL MOUNTED	286x772x222	ø9.52 (3/8")	ø6.35 (1/4")	ø15.9 (5/8")	8	24	5	549x673x283	9000	0.90	ø9.52 (3/8")	ø6.35 (1/4")	230	1	60	SPLIT TYPE A/C UNITS, COMPLETE W/ CONTROLS & OTHER ACCESSORIES. VERIFY MANUFACTURER RECOMMENDATION. USE DAIKIN BRAND OR APPROVED EQUAL.

WINDOW TYPE AIR CONDITIONING UNIT (FOR PROVISION):

UNIT DESIGNATION	QTY.	COOLING CAPACITY (HP)	AREA SERVED	REFRIGERANT	ELECTRICAL DATA				REMARKS
					WATTS	VOLTS	PHASE	HERTZ	
MAC	9	1.5	AS SHOWN	HCFC-410A	1150	230	1	60	WINDOW TYPE A/C UNITS, COMPLETE W/ CONTROLS & OTHER ACCESSORIES. IT. VERIFY MANUFACTURER RECOMMENDATION. UNIT MODEL - KAG250DME (VERIFY ACTUAL ON SITE)

CEILING FAN SCHEDULE:

EQUIP. NO.	QTY.	LOCATION	AREA SERVED	TYPE	CAPACITY (cfm)	ELECTRICAL DATA				REMARKS
						WATTS	VOLTS	PH.	Hz.	
CAF	40	AS SHOWN	AS SHOWN	CEILING MOUNTED FAN	3037	70.5	220	1	60	KDK BRAND OR APPROVED EQUAL

VENTILATION EQUIPMENT SCHEDULE:

EQUIP. NO.	QTY.	LOCATION	AREA SERVED	TYPE	CAPACITY (cfm)	T.S.P. (in w.g)	ELECTRICAL DATA				REMARKS
							WATTS	VOLTS	PH.	Hz.	
VEF	8	AS SHOWN	AS SHOWN	CEILING MOUNTED	50	0.5	11	220	1	60	KRUGER BRAND OR APPROVED EQUAL

FCU SCHEDULE

QTY	UNIT DESIGNATION	AREA SERVED	COOLING CAPACITY HP	TYPE	MOUNTING	REFRIGERANT	ELECTRICAL DATA			REMARKS
							V	PH	HZ	
11	FCU-1	OFFICE	1.5	SPLIT TYPE	WALL	HCFC-410A	230	1	60	AIRCON UNITS SHALL BE PANASONIC OR APPROVED EQUIVALENT INVERTER TYPE.
11	FCU-2	OFFICE	1.5	SPLIT TYPE	WALL	HCFC-410A	230	1	60	

EXHAUST FAN

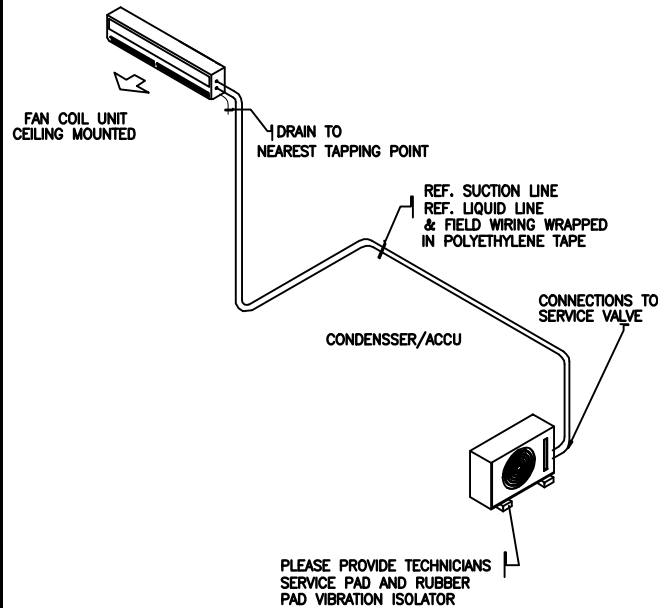
DESIGNATION	QTY	TYPE	CAPACITY (CFM)	POWER INPUT (W)	REMARKS
CEF-1	11	CEILING CASSETTE	50	11	EACH UNIT SHALL BE COMPLETE WITH DECORRATIVE INTAKE GRILLE, HIGH PERFORMANCE SIROCCO FAN,ELECTRIC MOTOR WITH THERMAL PROTECTION AND BACKDRAFT DAMPER, KDK OR ANY APPROVED EQUAL.

LEGEND & SYMBOLS

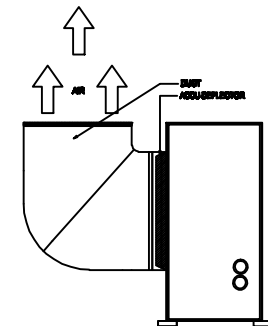
SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	SPLIT TYPE FCU		EXHAUST AIR DUCT
	REFRIGERANT PIPE		EXHAUST VENT CAP
	WINDOW TYPE ACU		LOCAL CONTROL PANEL
	CEILING CASSETTE EXHAUST FAN		EQUIPMENT DESIGNATION
	DOOR UNDERCUT BY BUILDER		THERMOSTAT
	REFRIGERANT PIPE RISER		ACCU
	CONDENSATE DRAIN PIPE		CEILING CASSETTE SPLIT TYPE
	REFRIGERANT PIPE FITTING		

ABBREVIATIONS

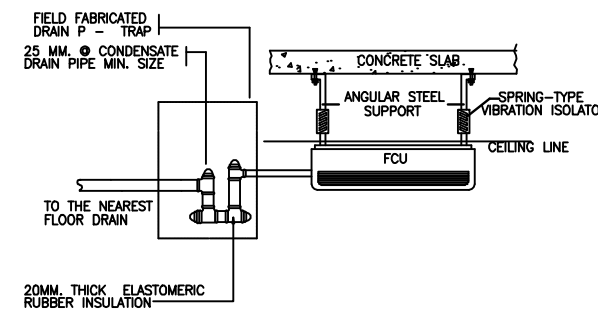
ACCU	AIR COOLED CONDENSING UNIT	KW	KILOWATT
CDP	CONDENSATE DRAIN PIPE	LPS	LITERS PER SECOND
DL	DOOR LOUVER	LCP	LOCAL CONTROL PANEL
DU	DOOR UNDERCUT	NTS	NOT TO SCALE
EA	EXHAUST AIR	Pa	PASCALS
EAD	EXHAUST AIR DUCT	RP	REFRIGERANT PIPE
EF	EXHAUST FAN	TEP	TOILET EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE	W	WATTS
FCU	FAN COIL UNIT		
HP	HORSE POWER		



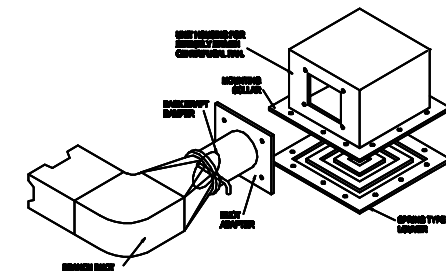
1 FCU ISOMETRIC LAYOUT
M-1 NTS



2 TYP. ACCU DEFLECTOR LAYOUT
M-1 NTS



3 FCU DRAIN CONNECTION DETAIL
M-1 NTS



4 EXHAUST FAN INSTALLATION DETAIL
M-1 NTS

OWNER:	PROJECT TITLE:	PREPARED BY:	APPROVED BY:	SHEET CONTENTS	SHEET NO.
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINE SCIENCE HIGH SCHOOL MIMAROPA REGION CAMPUS BRGY. RIZAL, ODIONGAN, ROMBLON</p>	<p>CONSTRUCTION OF ACADEMIC BUILDING 1</p> <p>LOCATION: BRGY. RIZAL, ODIONGAN, ROMBLON</p>	<p>JOLITO G. TAN RESIDENT ARCHITECT</p>	<p>EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	AS SHOWN	<p>M</p> <p>1 3</p>