

EQUIPMENT SHALL BE INSTALLED IN

8. ALL MATERIALS SHALL BE NEW & CLEAN.

9. DEVIATIONS AND REVISIONS FROM THE PLANS SHALL BE REFERRED TO THE ARCHITECTS FOR

BE SECURED AND BORNE BY THIS CONTRACTOR.

11. ALL WORKS SHALL BE GUARANTEED FOR A

12. THE AIR CONDITIONING AND VENTILATION SYSTEM INSTALLED. SHOULD BE PROPERLY BALANCE BY A SEPARATE CONTRACTOR AND TO SUBMIT BALANCING REPORT

13. THIS CONTRACTOR SHOULD COORDINATE HIS TRADES. PROVISION FOR THE PIPE PASSAGES THRU

ENGINEERING DATA OF THE VARIOUS AIR-CONDITIONING AND VENTILATION EQUIPMENT CONSULTANT FOR APPROVAL PRIOR TO BE PRESSURE OF AT LEAST 1 1/2 TIMES THE DESIGN PURCHASED.

> 19. ALL MECHANICAL WORKS SHALL BE IN ACCORDANCE WITH THE LATEST PHILIPPINES MECHANICAL CODE, ASME, ASHRAE AND OTHER RELEVANT STANDARDS.

20. FOR ACCU LOCATION KINDLY COORDINATE TO PMO / PMS / PDS FOR THE APPROVAL OF LOCATION.

THE BUILDING CONT'R. FAILURE ON THE PART OF THIS

TO MAKE SUCH PROVISION IN ADVANCE SHALL MEAN PROVIDING THEM LATER AT HIS OWN EXPENSE.

14. ALL PIPING PASSING ABOVE THE CEILING LEVEL

15. P-TRAP IS NEEDED FOR CONDENSATE DRAIN PIPE.

16. USE THHN MM2 LEAD FREE CONDUCTOR FROM INDOOR TO OUTDOOR ALLOWED & PROVIDE

17. USE L.T. FLEXIBLE CONDUIT FOR OUTDOOR UNIT. HOWEVER IF EMT IS APPLY APPROVED SEALANT AT

18. THE MECHANICAL CONTRACTOR SHALL SUBMIT

SHOULD BE PROPERLY BRACKETED.

JUNCTION BOX IF NECESSARY.

EVERY JOINT OF EMT.

21. KITCHEN EXHAUST SYSTEM SHALL CONSIST OF BLACK IRON SCHEDULE 40, FOR PRIME MATERIAL FINISHED WITH QDE RED AND SHALL BE SUBJECTED TO FULL WELDING WITH SUFFICIENT HAND HOLES (14 I.D. INCHES X 14 INCHES) WITH WING NUTS AND GASKETS AS SPECIFICATIONS AND MANHOLES SHALL BE

22. FRESH AIR SYSTEM SHALL CONSIST GALVANIZE IRON SCHEDULE 40, FOR PRIME MATERIAL.

23. TESTING REQUIRED: SMOKE TEST, NOTE: DO NOT TAP THE DUCTING SYSTEM ONTO THE MALL PROVIDED PROVISION UNTIL SMOKE TEST HAS BEEN

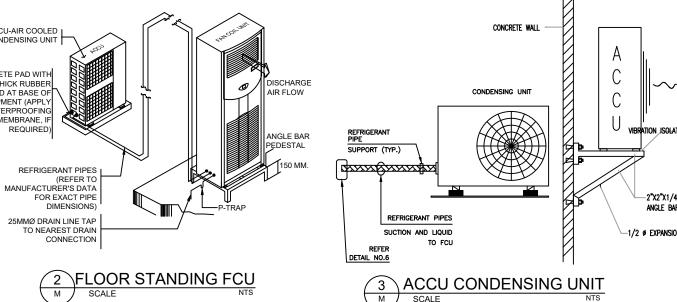
MISCELLANEOUS DETAILS

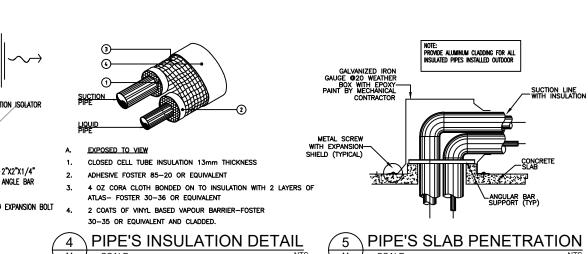
EXHAUST AIR DUCT

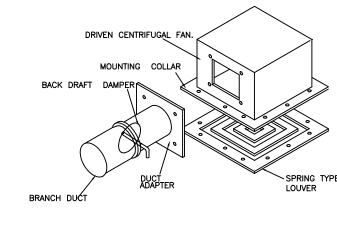
FOR TOILET & POWDER ROOM MECHANICAL CONTRACTOR TO PROVIDE SHOP DRAWING FOR POSSIBLE AIR INTAKE FOR PROPER VENT.

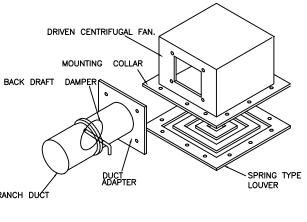
7 CEILING CASSETTE FAN MOUNTING DETAILS

SCALE

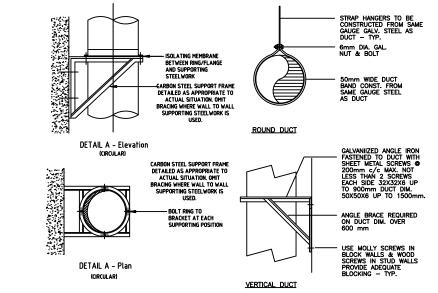












9 TYPICAL SUPPORTS FOR VERTICAL CIRCULAR DUCT DETAILS NTS

EQUIPMENT SCHEDULE

SPLIT TYPE FCU/ACCU UNIT

8 VENT CAP DETAILS

	QTY	COOLING CAPACITY HP (KW)	AREA SERVED	TYPE	NOMINAL AIR FLOW LPS (CFM)	SYSTEM POWER INPUT kW	ELECTRICAL DATA			CONNECTIONS			DEMARKS
UNIT							VOLTS	PHASE	HERTZ	GAS PIPE mm	LIQUID PIPE mm	DRAIN mm (I.D.)	REMARKS
FCU ACCU	1	6.0 (14.0)	AS PER DRAWING	FLOOR STNADING	566 (1200)	5.6	220	1	60	15.9	9.5	16.0	UNIT BRAND IS DAIKIN, OR APPROVED EQUAL

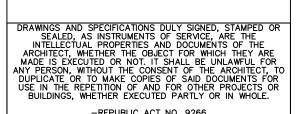
VENTILATING UNITS

LINIT	QTY	TYPE	LOCATION/ AREA SERVED	AIR FLOW LPS (CFM)	FAN STATIC PRESSURE PA	MOTOR DRIVE	ELECTRICAL DATA			POWER INPUT	REMARKS
UNIT	QII						VOLTS	PHASE	HERTZ	KW	ILIMAINS
EF 1	1	CEILING CASSETTE	AS PER DRAWING	50 (106)	40	-	220	1	60	0.03	UNIT BRAND IS KDK OR
TEF 1	1	CEILING CASSETTE	AS PER DRAWING	35 (74)	40	-	220	1	60	0.025	APPROVED EQUAL

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	AIR COOLED CONDENSING UNIT		EQUIPMENT DESIGNA EQUIPMENT NUMBER
`	MECHANICAL VENTILATION CUBIC FEET PER MINUTE DIAMETER		FAN COIL UNIT- FL
)	EXHAUST DUCT EXHAUST FAN	#	ACCU- AIR COOLED
	FRESH AIR DUCT FRESH AIR GRILLE FAN COIL UNIT	Q	CEILING CASSETTE V
	INSIDE DIAMETER TOILET EXHAUST DUCT	5	REFRIGERANT PIPE
	TOILET EXHAUST FAN	Ū	THERMOSTAT

LEGENDS AND SYMBOLS

LEGENDS AND SYMBOLS					
	EQUIPMENT DESIGNATION EQUIPMENT EQUIPMENT NUMBER MARK				
	FAN COIL UNIT— FLOOR STANDING				
0 *	ACCU- AIR COOLED CONDENSING UNIT				
	CEILING CASSETTE VENTILATION FAN				
5	REFRIGERANT PIPE				
Ū	THERMOSTAT				



KEYPLAN:



PROJECT TITLE:

CHA TUK CHAK SM MOA SHORE 1

OWNER:

GEM MANAOL

ARCHITECT:

CHRISTIAN JAMES DINGLASAN REG. NO. | T.I.N. | P.T.R. NO. | ISSUED AT | ISSUED ON 39616 471564289 6986564 Q.C. 01-06-2025 ENGINEER:

REG. NO. | T.I.N. | P.T.R. NO. | ISSUED AT | ISSUED ON REVISIONS/ISSUANCE REMARKS

DOCUMENT TYPE:

FOR PERMIT

SHEET CONTEN	NT:	
P	AS SHO	WN
DRAWN BY:	ECS	SHEET NUMBER

DRAWN BY:	ECS	SHEET NUMBER		
SCALE:	AS SHOWN	N / 1		
CHECKED BY:	RLM	IVI- I		
APPROVED BY:	CJD	PROJECT NO.: -		
APPROVED B1.	CJD	DATE.: 11/20/2025		



GENERAL SPECIFICATIONS:

1. CONTRACTOR IS ADVISED TO HAVE AN ACTUAL SURVEY OF THE EXISTING CONDITION AT SITE. ALL

2. APPROXIMATE LOCATION AS SHOWN ON THE

3. CONTRACTOR MUST SUBMIT SHOP DRAWINGS INDICATING ACTUAL EQUIPMENT DIMENSION AND OPERATING WEIGHTS. SUFFICIENT CLEARANCES TO FACILITATE NORMAL SERVICES & MAINTENANCE WORKS ARE PROVIDED IN THIS DESIGN PLANS. HOWEVER, SHOULD ACTUAL EQUIPMENT PHYSICAL SIZES DIFFER CONSIDERABLY FROM THOSE SHOWN IN THE PLANS, THE CONTRACTOR SHOULD NOTIFY THE ARCHITECT OR DESIGN ENGINEER IMMEDIATELY IN

4. ALL EQUIPMENT SHALL BE SET ON 150MM THICK, LEVEL REINFORCED STEEL BASE, UNLESS OTHERWISE SPECIFIED. (FOR FLOOR MOUNTED EQUIPMENT)

5. ALL EQUIPMENT SHALL BE MOUNTED ON OR SUPPORTED BY VIBRATION ISOLATOR OR ASSEMBLIES.

6. ALL AC UNIT CEILING CONCEALED SHALL HAVE SERVICE ACCESS TO BE PROVIDED BY THE CIVIL

7. ALL PIPING SHALL BE LEAK TESTED WITH A

WORKING PRESSURE (24 HOURS).

REVIEW AND APPROVAL.

10. ALL NECESSARY GOVERNMENT PERMITS SHALL

PERIOD OF ONE (1) YEAR AFTER DATE OF

FOR EVALUATION (BY TENANT'S CONTRACTOR).

WORKS CLOSELY WITH THE WORKS OF OTHER WALLS SHALL BE COORDINATED IN ADVANCE WITH

ABBREVIATIONS:

ACCU	AIR COOLED CONDENSING UNIT
ACMV	AIR CONDITIONING AND
	MECHANICAL VENTILATION
CFM	CUBIC FEET PER MINUTE
DIA. (ø)	DIAMETER
ED	EXHAUST DUCT
EF	EXHAUST FAN
FAD	FRESH AIR DUCT
FAG	FRESH AIR GRILLE
FCU	FAN COIL UNIT