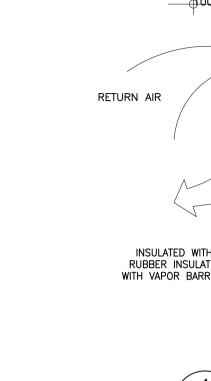
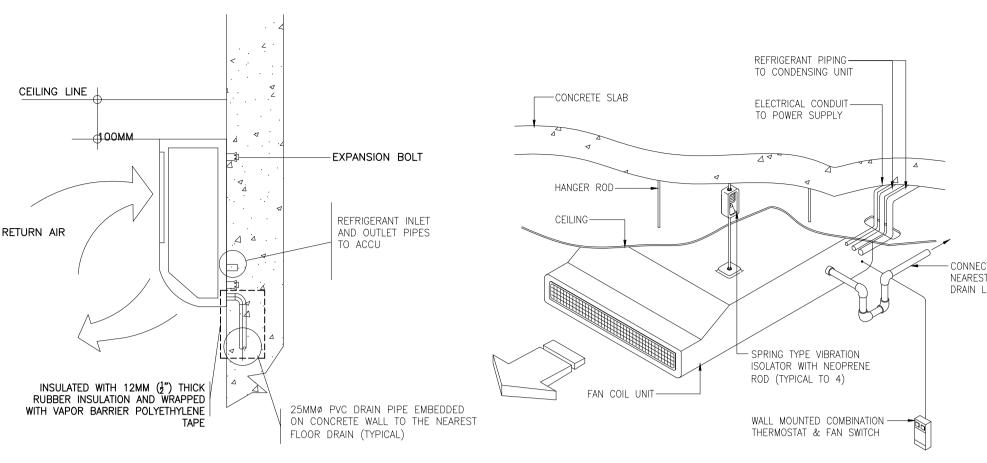


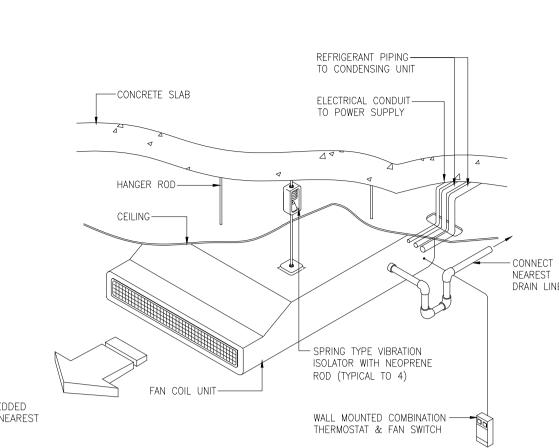
- 1. CONTRACTOR IS ADVISED TO HAVE AN ACTUAL SURVEY OF THE EXISTING CONDITION AT SITE. ALL **EQUIPMENT SHALL BE INSTALLED IN**
- 2. APPROXIMATE LOCATION AS SHOWN ON THE PLANS.
- 3. CONTRACTOR MUST SUBMIT SHOP DRAWINGS INDICATING ACTUAL EQUIPMENT DIMENSION AND OPERATING WEIGHTS. SUFFICIENT CLEARANCES TO ACCEPTANCE. FACILITATE NORMAL SERVICES & MAINTENANCE WORKS ARE PROVIDED IN THIS DESIGN PLANS. HOWEVER, SHOULD ACTUAL EQUIPMENT PHYSICAL THE PLANS, THE CONTRACTOR SHOULD NOTIFY THE ARCHITECT OR DESIGN ENGINEER IMMEDIATELY IN WRITING.
- 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 CONTRACTOR.
- 7. ALL PIPING SHALL BE LEAK TESTED WITH A PRESSURE OF AT LEAST 1 1/2 TIMES THE DESIGN WORKING PRESSURE (24 HOURS).
- 8. ALL MATERIALS SHALL BE NEW & CLEAN.
- 9. DEVIATIONS AND REVISIONS FROM THE PLANS SHALL BE REFERRED TO THE ARCHITECTS FOR

- 9. DEVIATIONS AND REVISIONS FROM THE PLANS SHALL BE REFERRED TO THE ARCHITECTS FOR REVIEW AND APPROVAL.
- 10. ALL NECESSARY GOVERMENT PERMITS SHALL BE SECURED AND BORNE BY THIS CONTRACTOR.
- 11. ALL WORKS SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER DATE OF
- 12. THE AIR CONDITIONING AND VENTILATION SYSTEM SHOULD BE PROPERLY BALANCE BY A SEPARATE SIZES DIFFER CONSIDERABLY FROM THOSE SHOWN IN CONTRACTOR AND TO SUBMIT BALANCING REPORT FOR EVALUATION (BY TENANT'S CONTRACTOR).
  - 13. THIS CONTRACTOR SHOULD COORDINATE HIS WORKS CLOSELY WITH THE WORKS OF OTHER TRADES. PROVISION FOR THE PIPE PASSAGES THRU WALLS SHALL BE COORDINATED IN ADVANCE WITH 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 SHOULD BE PROPERLY BRACKETED.
  - 15. P-TRAP IS NEEDED FOR CONDENSATE DRAIN PIPE.
  - 16. USE THHN MM2 LEAD FREE CONDUCTOR FROM INDOOR TO OUTDOOR ALLOWED & PROVIDE JUNCTION BOX IF NECESSARY.
  - 17. USE L.T. FLEXIBLE CONDUIT FOR OUTDOOR UNIT, HOWEVER IF EMT IS APPLY APPROVED SEALANT AT EVERY JOINT OF EMT.



## MISCELLANEOUS DETAILS





WALL MOUNTED FCU

NOTE:
PROVIDE ALUMINUM CLADDING

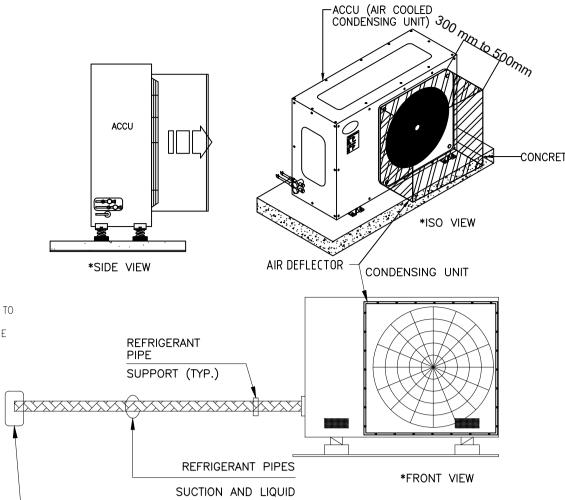
FOR ALL INSULATED PIPES

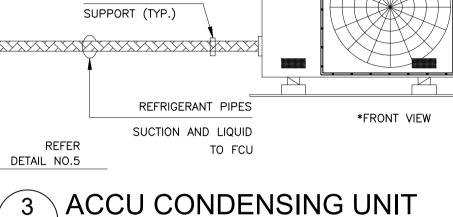
GALVANIZED IRON GAUGE @20 WEATHER

CONTRACTOR

BOX WITH EPOXY PAINT BY MECHANICAL

METAL SCREW WITH EXPANSION-



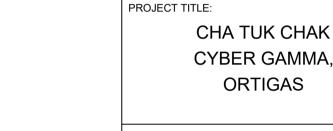


CONCRETE WALL

BY CIVIL CONT'R

LIQUID LINE

SEALED ALL AROUND

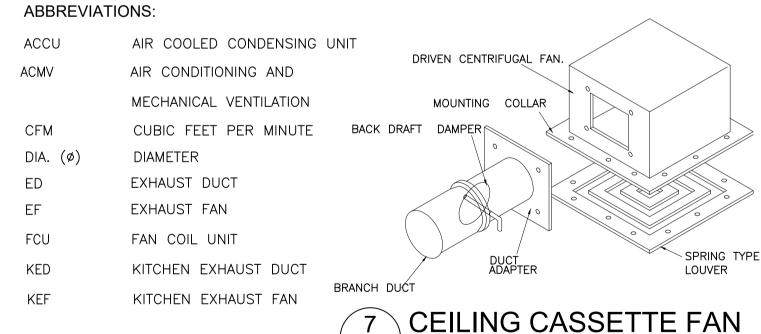


ARCHITECT:

WATERPROOF, HEAT RESISTANT CAULKING **GEM MANAOL** COMPOUND ALL AROUND

CHRISTIAN JAMES DINGLASAN REG. NO. T.I.N. P.T.R. NO. ISSUED AT ISSUED ON 39616 471564289 6986564 Q.C 01-06-2025 REFRIGERANT PIPE INSULATION AS PER WHERE PIPE IS EXPOSED

PIPE'S INSULATION DETAIL PIPE'S SLAB PENETRATION 6 PIPE'S WALL PENETRATION (TYPICAL)



M-01

EQUIPMENT DESIGNATION | \

REFRIGERANT PIPE

LEGENDS AND SYMBOLS

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SCALE

EQUIPMENT

WALL MOUNTED FCU

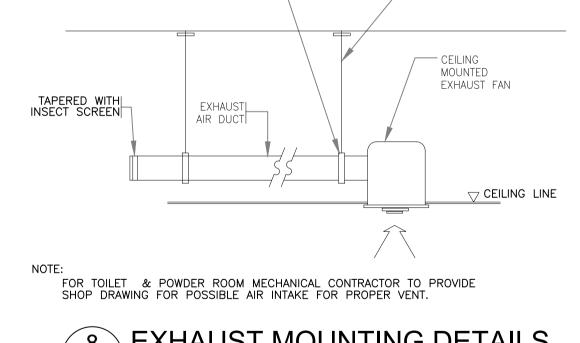
CLOSED CELL TUBE INSULATION 13mm THICKNESS

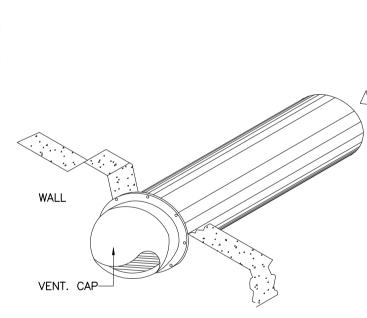
ATLAS- FOSTER 30-36 OR EQUIVALENT

EQUIVALENT AND CLADDED.

4 OZ CORA CLOTH BONDED ON TO INSULATION WITH 2 LAYERS OF

2 COATS OF VINYL BASED VAPOUR BARRIER-FOSTER 30-35 OR





EXHAUST MOUNTING DETAILS M-01 SCALE

9	<b>VENT</b>	CAP DETAILS
M-01	SCALE	NTS

EQUIPMENT NUMBER MARK	UNI
FAN COIL UNIT— WALL MOUNTED	FCU 1
FAN COIL UNIT— CEILING SUSPENDED	FCU 2
ACCU- AIR COOLED CONDENSING UNIT	VENTIL
	UNI
CEILING CASSETTE EXHAUST FAN	

SPLII IYPE FO	CU/AC	CU UNII											
UNIT QTY CAP	0.177	COOLING		7.05	NOMINAL AIR FLOW	SYSTEM POWER	ELECTRICAL DATA			CONNECTIONS			DEMARKS
	CAPACITY HP (KW)	AREA SERVED	TYPE	LPS (CFM)	INPUT kW	VOLTS	PHASE	HERTZ	GAS PIPE mm (in)	LIQUID PIPE mm (in)	DRAIN mm	REMARKS	
FCU ACCU	1	2.0 (5.2)	AS PER DRAWING	WALL MOUNTED	278 (593)	1.4	220	1	60	12.7 (1/2)	6.4 (1/4)	16	UNIT BRAND IS DAIKIN,O
FCU ACCU 2	1	3.0 (7.1)	AS PER DRAWING	CEILING SUSPENDED	342 (724)	2.5	220	1	60	15.9 (5/8)	6.4 (1/4)	16	APPROVED EQUAL
/FNTII ATING	IINITS												

VENTILATING UNITS											
UNIT	QTY	TYPE	LOCATION/ AREA SERVED	AIR FLOW LPS (CFM)	FAN STATIC PRESSURE PA	MOTOR DRIVE	ELECTRICAL DATA			POWER INPUT	REMARKS
	QTI						VOLTS	PHASE	HERTZ	KW	KLIMIAKKS
KEF 1	) 1	CEILING CASSETE	AS PER DRAWING	75 (159)	30	DIRECT	220	1	60	0.070	UNIT BRAND IS KDK, GREENHECK OR
EF 1	2	CEILING CASSETE	AS PER DRAWING	35 (74)	10	DIRECT	220	1	60	0.040	APPROVED EQUAL

DOCUMENT TYPE:

REVISIONS/ISSUANCE

REMARKS

SHEET NUMBER DRAWN BY: SCALE: CHECKED BY PROJECT NO.: -APPROVED BY: DATE.: 04-25-2025

SHEET CONTENT: