

GENERAL NOTES :

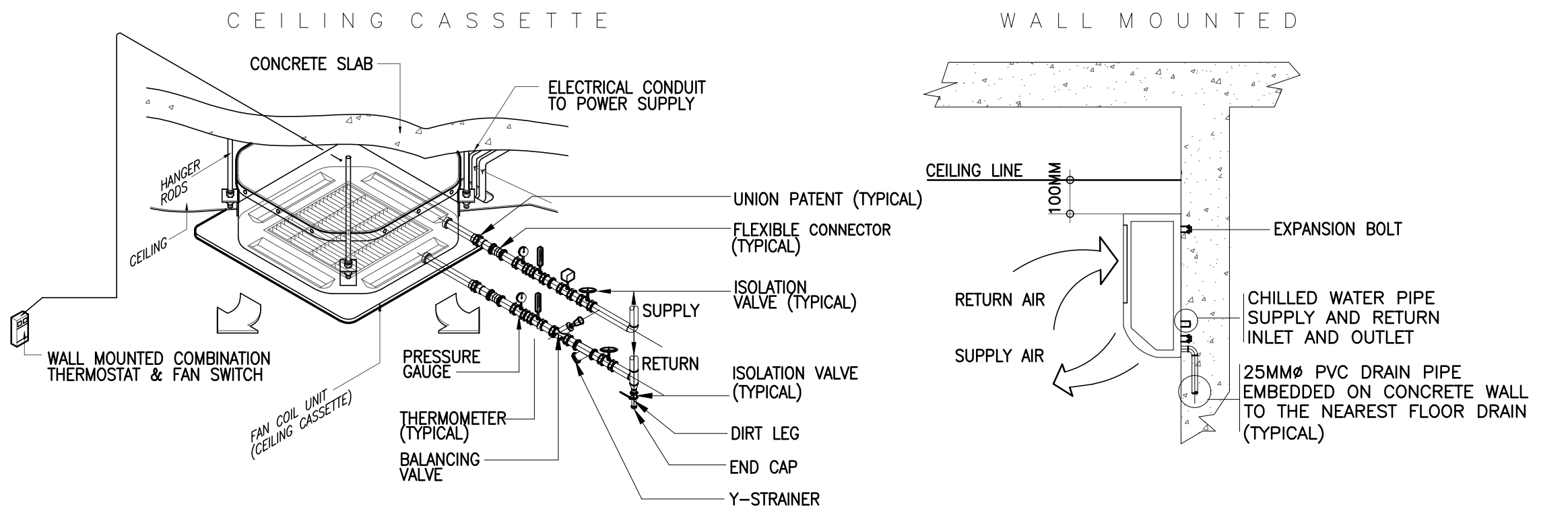
1. CONTRACTOR IS ADVISED TO HAVE AN ACTUAL SURVEY OF THE EXISTING CONDITION AT SITE.
2. ALL EQUIPMENT SHALL BE INSTALLED IN APPROXIMATE LOCATION AS SHOWN ON THE PLANS.
3. CONTRACTOR MUST SUBMIT SHOP DRAWINGS INDICATING ACTUAL EQUIPMENT DIMENSION AND OPERATING WEIGHTS. SUFFICIENT CLEARANCES TO FACILITATE 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 CONT’R. 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 LEAST1 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 PREFERRED TO THE ARCHITECTS FOR REVIEW AND APPROVAL.
10. ALL NECESSARY GOVERNMENT 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 ACCEPTANCE.
12. THE AIR CONDITIONING AND VENTILATION SYSTEM SHOULD BE PROPERLY BALANCE BY A SEPARATE 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 CONTRACTOR. 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 RECIPROCATING TYPE (HERMETIC COMPRESSOR FOR FCU 10.0TR, 7.5TR, 5TR AND 3TR.
17. USE THHN MM2 LEAD FREE CONDUCTOR FROM INDOOR TO OUTDOOR SUPPLYING ACCU FAN MOTOR. SPlicing INSIDE THE CONDUIT IS NOT ALLOWED AND PROVIDE JUNCTION BOX IF NECESSARY.
18. USE L.T. FLEXIBLE CONDUIT FOR OUTDOOR UNIT, HOWEVER IF EMT IS USED APPLY APPROVED SEALANT AT EVERY JOINT OF EMT.

ABBREVIATIONS:

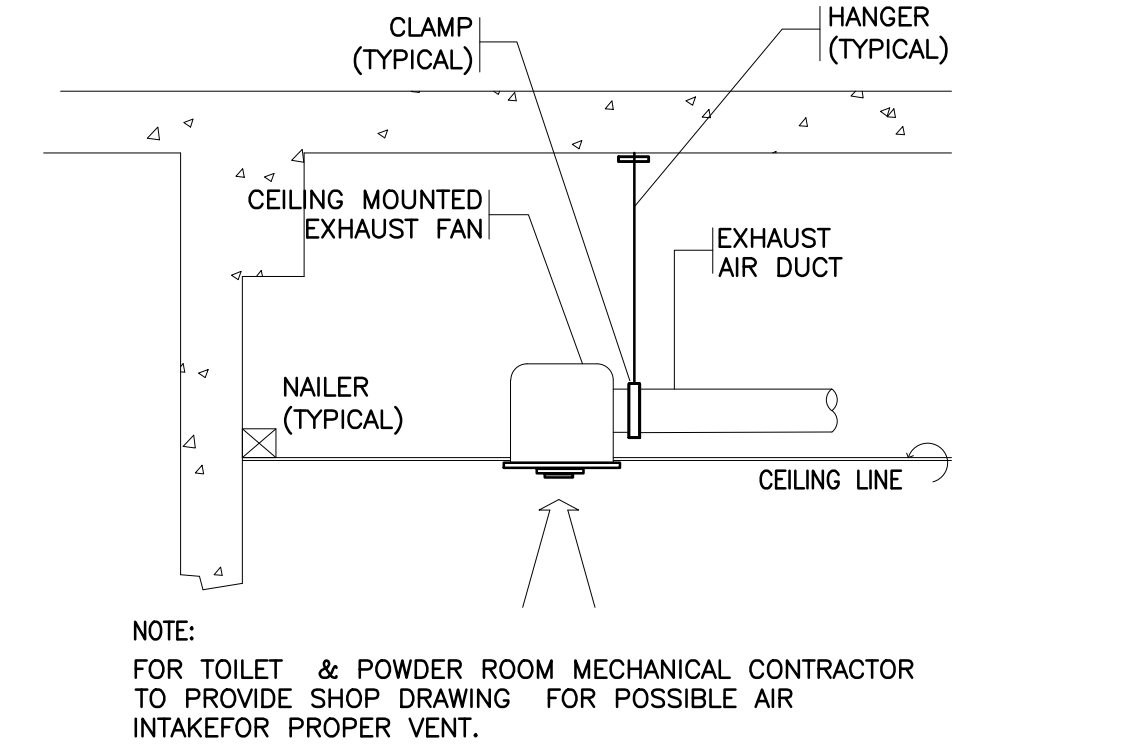
FCU	FAN COIL UNIT	TSP	TOTAL STATIC PRESSURE
ACCU	AIR–COOLED CONDENSING UNIT	Pa	PASCAL
EF	EXHAUST FAN	V/PH/HZ	VOLTS/PHASE/HERTZ
TEF	TOILET EXHAUST FAN	DIA. (ø)	DIAMETER
EAG	EXHAUST AIR GRILLE	SQ.M	SQUARE METER
CFM	CUBIC FEET PER MINUTE	mm	MILLIMETER
TR	TON OF REFRIGERATION	Kw	KILOWATT
		QTY.	QUANTITY

LEGENDS AND SYMBOLS:

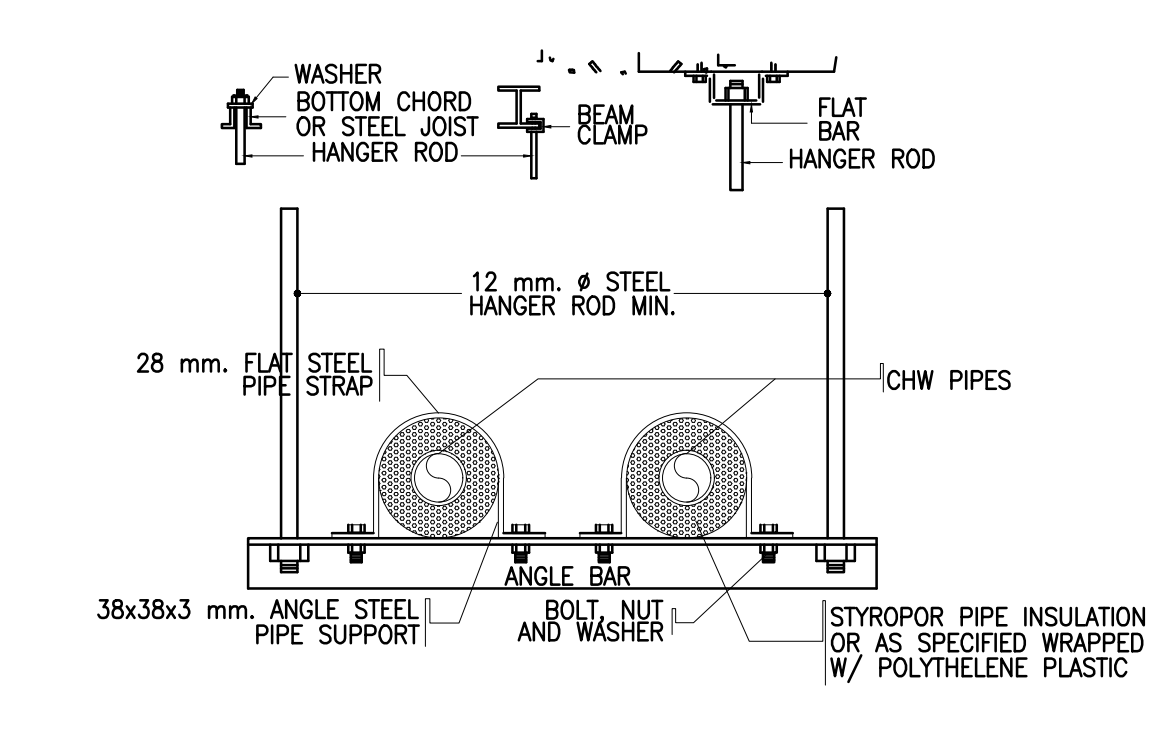
FAN COIL UNIT (W A L L M O U N T E D)		CEILING CASSETTE FAN (E X H A U S T / T O I L E T)	
FAN COIL UNIT (C E I L I N G C A S S E T T E)		CHILLED WATER SUPPLY AND RETURN PIPE	
EQUIPMENT TAGGING			



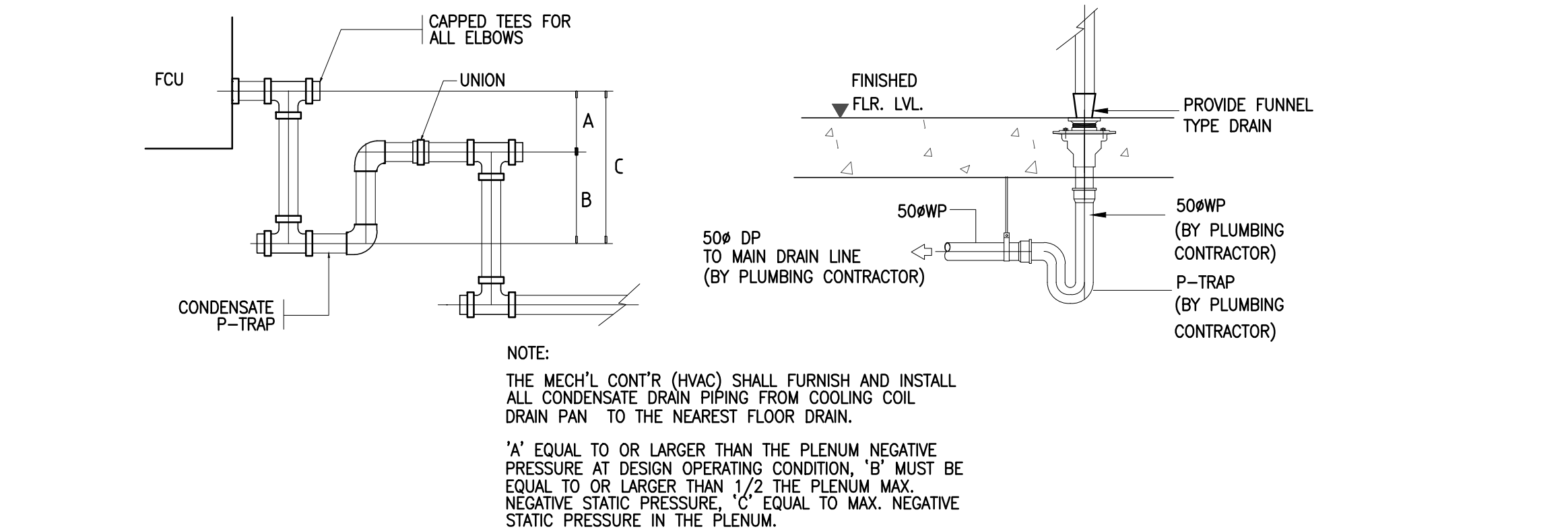
FAN COIL UNITS (FCU) MOUNTING DETAILS



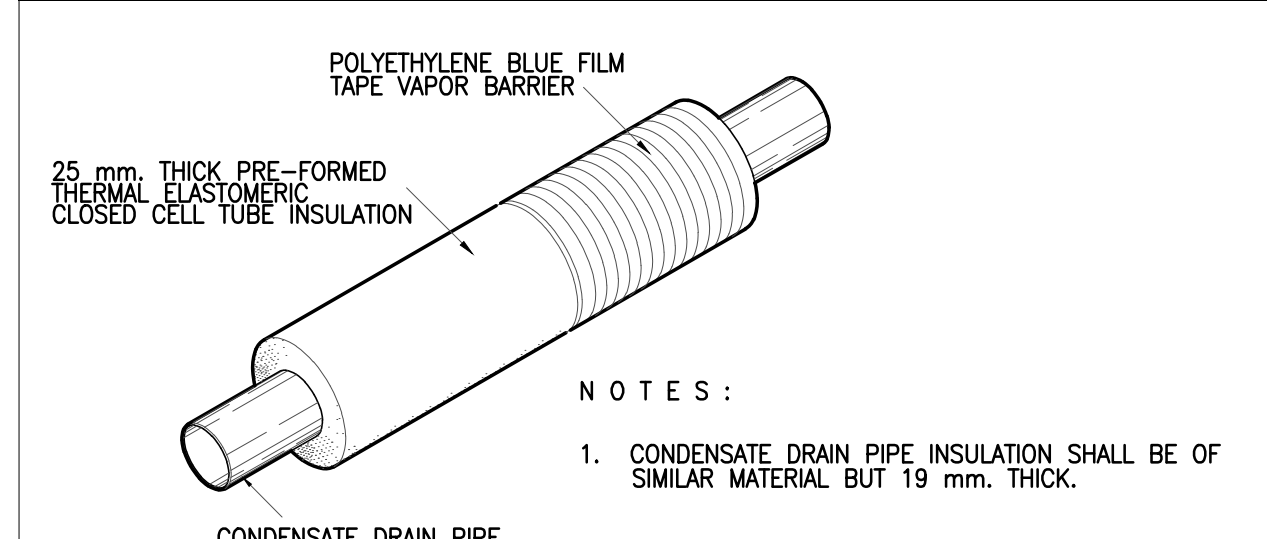
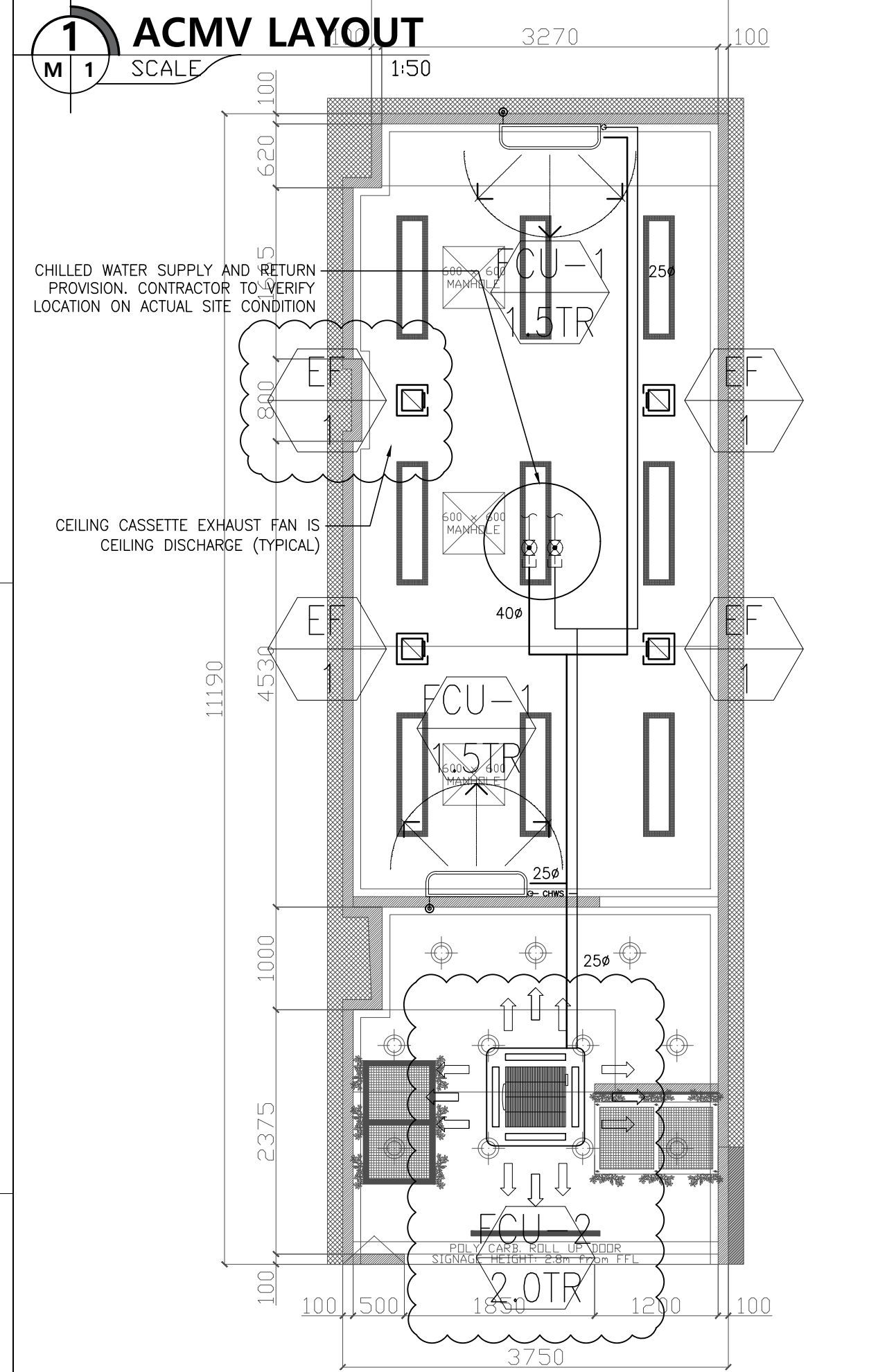
EXHAUST FAN MOUNTING DETAILS



CHILLED WATER PIPE HANGER DETAILS



CONDENSATE DRAIN P–TRAP MOUNTING DETAILS



CONDENSATE DRAIN PIPE INSULATION



JCVILLAR
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CEO / PRINCIPAL ARCHITECT

P.R.C. No.: 0028003 | VALIDITY: 06-15-2027

I.A.P.O.A. No.: 24766 - 005657-081324

P.T.R. No.: 8825974 | DATE: 01-18-2024

PLACE: VALENZUELA CITY | T.I.N. No.: 306-079-731-000

R.A. 9266 SECTION 33

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DESIGN CONSULTANT

MARK M. MACALLAN

CONSULTANT

P.T.R. No.: 005552 | VALIDITY: 09/13/2027

P.T.R. No.: 9760022 | DATE: 01/03/2024

PLACE: MARIKINA | T.I.N. No.: 229-416-678

ENGINEER

PROJECT NAME

BEBANG HALO-HALO
SM CITY VALENZUELA

PROJECT LOCATION

GROUND FLOOR, SM CITY VALENZUELA,
MC ARTHUR HIWAY, BRGY. VALENZUELA,
VAL. CITY, 1441

OWNER

BEBANG ENTERPRISE INC.

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REVISIONS:

CHECKED BY:

CADD BY:

DATE:

11-18-24

SHEET No.:

M-1

FOR BIDDING
19 NOV 2024