EQUIPMENT SCHEDULE

FAN COIL UNIT (FCU)

UNIT	QTY.	COOLING CAPACITY		AIR FLOW (CMH)	ENTERING AIR		LEAVING AIR		EVAPORATOR COIL DATA			EVAPORATOR FAN DATA				ELECTRICAL SUPPLY			WEIGHT (KG)	REMARKS
		TR	BTU/HR		DB °C	WB °C	DB °C	WB °C	FACE AREA (M^2)	FPI	ROWS	TYPE	DIA. (mm)	DRIVE	MOTOR (KW)	VOLTS	PHASE	HERTZ		
FCU 1	1	0.7	8,500	606	26.6	19.5	12.2	11.7	0.120	14	4	DIDW CENTRIFUGAL	2x100	DIRECT	0.050	220	1	60	9	WALL MOUNTED TYPE, FREE BLOW, INVERTER SPLIT TYPE, SIMILAR TO DAIKIN, LG MODEL OR APPROVED EQUAL.
FCU 2	3	1.0	11,900	606	26.6	19.5	12.2	11.7	0.120	14	4	DIDW CENTRIFUGAL	2x100	DIRECT	0.050	220	1	60	9	WALL MOUNTED TYPE, FREE BLOW, INVERTER SPLIT TYPE, SIMILAR TO DAIKIN, LG MODEL OR APPROVED EQUAL.
FCU 3	4	1.47	17,700	1,008	26.6	19.5	12.2	11.7	0.157	14	4	DIDW CENTRIFUGAL	150	DIRECT	0.070	220	1	60	13	WALL MOUNTED TYPE, FREE BLOW, INVERTER SPLIT TYPE, SIMILAR TO DAIKIN, LG MODEL OR APPROVED EQUAL.
FCU 4	1	2.0	24,200	1,188	26.6	19.5	12.2	11.7	0.175	14	4	DIDW CENTRIFUGAL	150	DIRECT	0.080	220	1	60	13	WALL MOUNTED TYPE, FREE BLOW, INVERTER SPLIT TYPE, SIMILAR TO DAIKIN, LG MODEL OR APPROVED EQUAL.
FCU 5	2	2.84	34,100	1,650	26.6	19.5	12.2	11.7	0.400	14	4	DIDW CENTRIFUGAL	150	DIRECT	0.090	220	1	60	29.5	CEILING CASSETTE TYPE, FREE BLOW, INVERTER SPLIT TYPE, SIMILAR TO DAIKIN, LG MODEL OR APPROVED EQUAL.

AIR COOLED CONDENSING UNIT (ACCU)

UNIT	QTY.	COOLING CAPACITY		AIR FLOW (CMH)	SATURATED TEMPERATURE		CONDENSER COIL DATA			CONDENSER FAN DATA				COMP. MOTOR (KW)	ELECTRICAL SUPPLY			WEIGHT (KG)	REMARKS
		TR	BTU/HR		SUCTION °C	DISCHARGE°C	FACE AREA	ROWS	FPI	TYPE	MOTOR (KW)	QTY/DIA.(mm)	DRIVE		VOLTS	PHASE	HERTZ		
ACCU 1	1	0.7	8,500	1,212	4.5	48	0.240	2	16	PROPELLER	0.184	1 / 460	DIRECT	1.00	220	1	60	32	HORIZONTAL DISCHARGE, TO MATCH THE FCU'S ABOVE. MECHANICAL CONTRACTOR TO INSTALL, WIRE AND MAKE UNIT OPERATIONAL.
ACCU 2	3	1.0	11,900	1,360	4.5	48	0.240	2	16	PROPELLER	0.184	1 / 460	DIRECT	1.20	220	1	60	32	HORIZONTAL DISCHARGE, TO MATCH THE FCU'S ABOVE. MECHANICAL CONTRACTOR TO INSTALL, WIRE AND MAKE UNIT OPERATIONAL.
ACCU 3	4	1.47	17,700	2,040	4.5	48	0.350	2	16	PROPELLER	0.184	1 / 460	DIRECT	2.00	220	1	60	44	HORIZONTAL DISCHARGE, TO MATCH THE FCU'S ABOVE. MECHANICAL CONTRACTOR TO INSTALL, WIRE AND MAKE UNIT OPERATIONAL.
ACCU 4	1	2.0	24,200	2,720	4.5	48	0.350	2	16	PROPELLER	0.186	1 / 460	DIRECT	2.40	220	1	60	46	HORIZONTAL DISCHARGE, TO MATCH THE FCU'S ABOVE. MECHANICAL CONTRACTOR TO INSTALL, WIRE AND MAKE UNIT OPERATIONAL.
ACCU 5	2	2.84	34,100	3,800	4.5	48	0.630	2	16	PROPELLER	0.186	1 / 460	DIRECT	2.70	220	1	60	48	HORIZONTAL DISCHARGE, TO MATCH THE FCU'S ABOVE. MECHANICAL CONTRACTOR TO INSTALL, WIRE AND MAKE UNIT OPERATIONAL.

EXHAUST FAN (EF)

UNIT	QTY.	AREA SERVE	AIR CAPACITY CMH	ESP (Pa)	TYPE	WHEEL DIA. MM	DRIVE	APPROX. RPM	MOTOR KW	ELECTRICAL SUPPLY			WEIGHT (KG)	REMARKS
										VOLTS	PHASE	HERTZ		
EF 1	1	MBR SHOWER ROOM	85	50	CEILING CASSETTE	140	DIRECT	690	0.02	220	1	60	2.9	SIMILAR TO KDK, NIAGARA MODEL OR APPROVED EQUAL. MECHANICAL CONTRACTOR TO INSTALL, WIRE, AND MAKE UNIT OPERATIONAL.
EF 2	7	TOILET/PANTRY	170	50	CEILING CASSETTE	140	DIRECT	570	0.04	220	1	60	4.4	SIMILAR TO KDK, NIAGARA MODEL OR APPROVED EQUAL. MECHANICAL CONTRACTOR TO INSTALL, WIRE, AND MAKE UNIT OPERATIONAL.

RANGE HOOD (RH) - BY OTHERS

UNIT	QTY.	AIR CAPACITY CMH	LOCATION	ESP (Pa)	TYPE	DRIVE	MOTOR KW	ELECTRICAL SUPPLY			WEIGHT (KG)	REMARKS
								VOLTS	PHASE	HERTZ		
RH 1-2	2	510	KITCHEN	100	DUCTED TYPE	DIRECT	0.186	230	1	60	15	SIMILAR TO KDK, LA GERMANIA MODEL, DUCTED TYPE, COMPLETE WITH FILTER

REFRIGERANT PIPE SIZE :

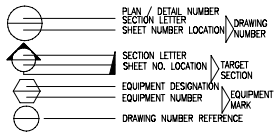
UNIT CAPACITY (TR)	SUCTION LINE IN ø	LIQUID LINE IN ø	EQUIVALENT PIPE LENGHT (M)
0.7 – 1.0	3/8	1/4	15
1.5–2.0	1/2	1/4	20
2.84	5/8	3/8	25

NOTE : VERIFY AGAINST MANUFACTURER'S RECOMMENDATION

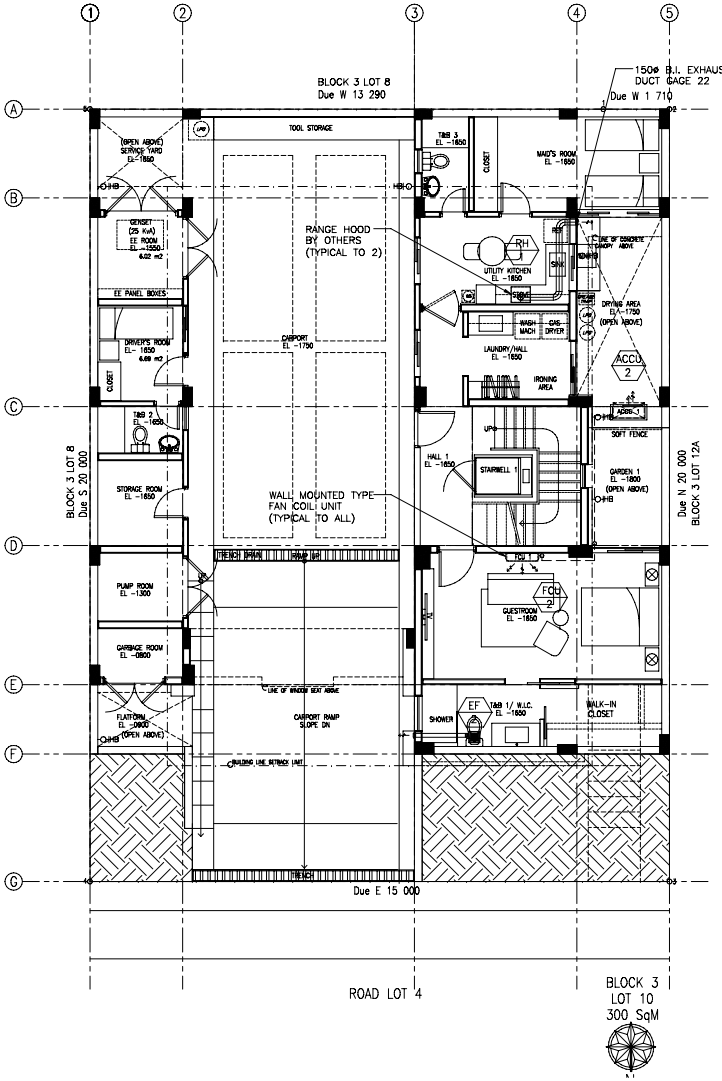
GENERAL NOTES:

1. ALL AIR CONDITIONING AND VENTILATING UNITS TO BE SUPPLIED SHALL BE APPROVED PRODUCT OF REPUTABLE MANUFACTURERS.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE CLOSELY HIS WORK WITH THE OTHER TRADES CONCERNED IN ADVANCE. FAILURE ON THE PART OF THIS CONTRACTOR TO DO SHALL MEAN PROVIDING HIM LATER AT HIS OWN EXPENSE.
3. ALL AIR CONDITIONING DUCTS SHALL BE PLAIN G.I. SHEETS AND FABRICATED AS PER "SMACNA" STANDARDS.
4. ALL AIR CONDITIONING EQUIPMENTS SHALL BE PROVIDED WITH SUITABLE VIBRATION ISOLATORS AS SPECIFIED.
5. ALL NECESSARY SHOP DRAWING SHALL BE SUBMITTED FOR APPROVAL PRIOR TO START OF FABRICATION AND/OR INSTALLATION.
6. ALL PIPES AND DUCTS PASSING THRU WALLS AND FLOORS SLABS SHALL BE PROVIDED WITH SUITABLE PIPE SLEEVE.
7. ALL INSTALLATION WORKS SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER.
8. ALL NECESSARY GOVERNMENT PERMITS SHALL BE SECURED AND FOR THE ACCOUNT OF THE CONTRACTOR.
9. ALL DIFFUSERS, GRILLES AND LOUVERS SHALL BE FABRICATED OF B.I. SHEETS, GAGE 22 BORDERIZED AND PAINTED WITH BAKED-ON ENAMEL PAINT.
10. ALL DUCTWORKS AND PIPING SHALL BE PROVIDED WITH SUITABLE HANGERS AND SUPPORTS PROPERLY ANCHORED TO THE BUILDING SLABS WALL OR BEAMS.
11. ALL REFRIGERANT PIPES SHALL BE OF COPPER TUBES, TYPE "L, HARD DRAWN" TO BE INSULATED WITH ELASTOMERIC TYPE RUBBER (ARMAFLEX) INSULATION.
12. ALL OTHER ITEMS/MATERIALS NOT SHOWN ON THE PLAN BUT DEEMED NECESSARY SHALL BE PROVIDED BY THE CONTRACTOR AT NO EXTRA COST TO THE OWNER.

LEGEND & SYMBOLS :

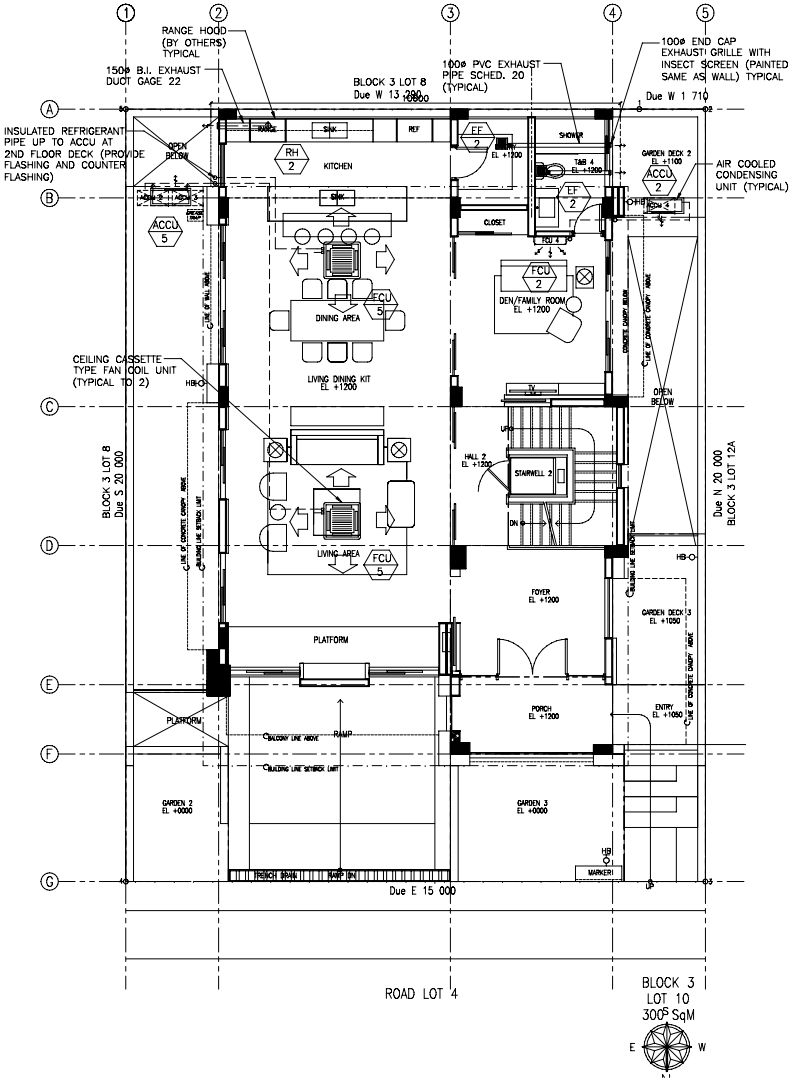


FCU	FAN COIL UNITS	m2	SQUARE METER
ACCU	AIR COOLED CONDENSING UNIT	FPI	FINS PER INCH
TR	TONS OF REFRIGERATION	CMH	CUBIC METER PER HOUR
KCAL/HR	KILOCALORIE PER HOUR	mm	MILLIMETER
DB	DRY BULB	KW	KILOWATT
WB	WET BULB	KG	KILOGRAM
°C	DEGREE CELCIUS	DIA. (ø)	DIAMETER
		QTY.	QUANTITY
		EF	EXHAUST FAN
		PF	PRESSURIZATION FAN
		FC	FORWARD CURVE
		DIDW	DOUBLE INLET DOUBLE WIDTH
		ESP	EXTERNAL STATIC PRESSURE
		Pa	PASCAL
		V/PH/HZ	VOLTS/PHASE/HERTZ
		SWSI	SINGLE WIDTH SINGLE INLET
		BC	BACKWARD CURVE



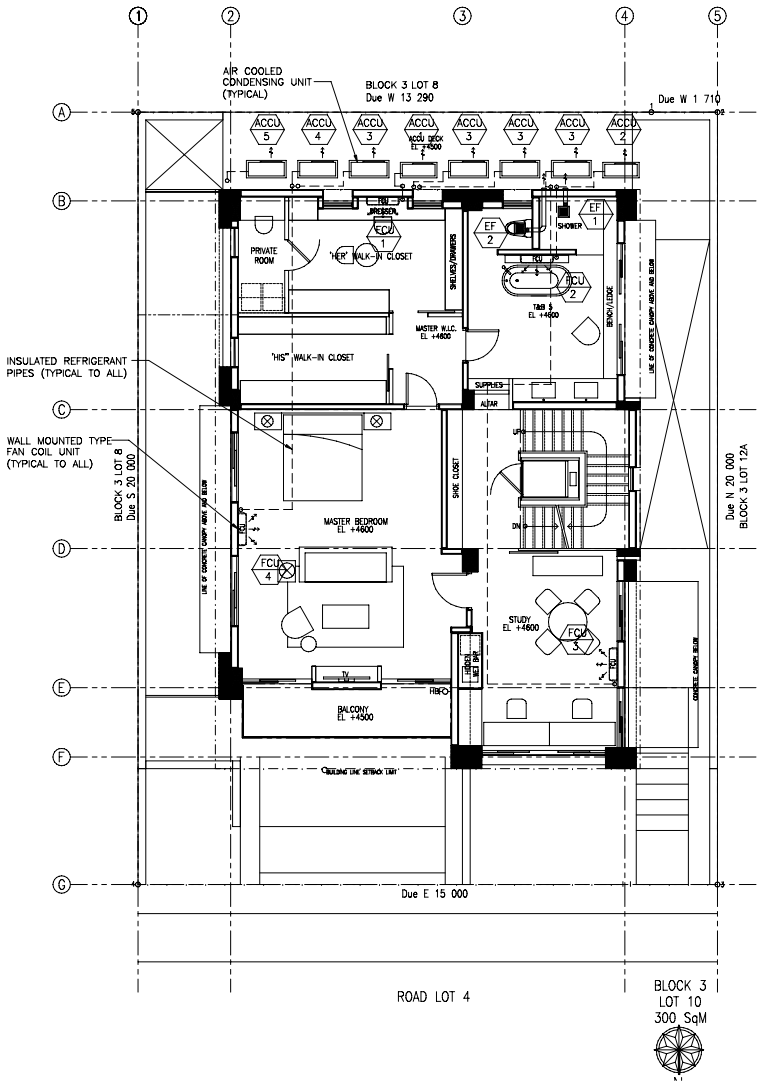
1 M-02 **PROPOSED LOWER GROUND FLOOR AC AND VENTILATION LAYOUT**

SCALE 1 : 75M

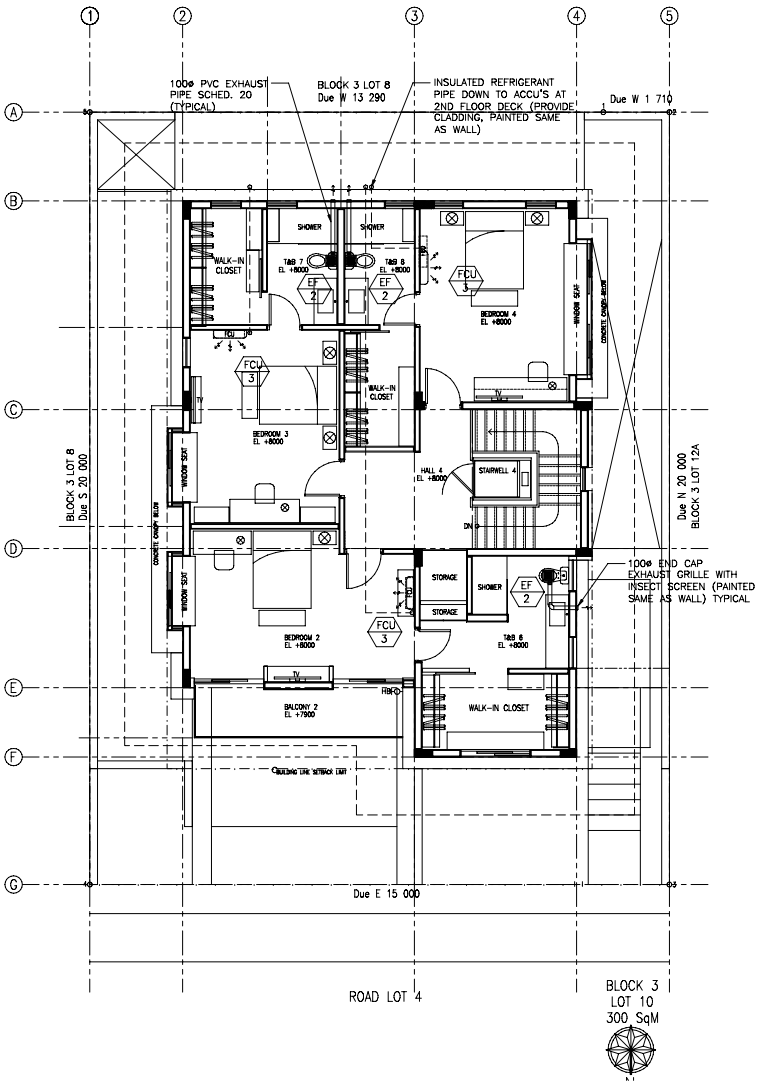


2 M-02 **PROPOSED GROUND FLOOR AC AND VENTILATION LAYOUT**

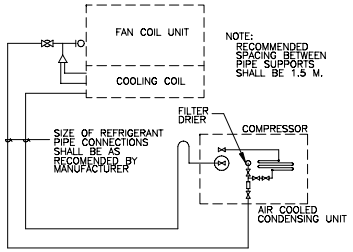
SCALE 1 : 75M



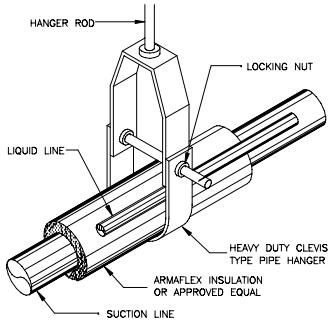
1 M-03 **PROPOSED 2ND FLOOR AC AND VENTILATION LAYOUT**
SCALE 1 : 75M



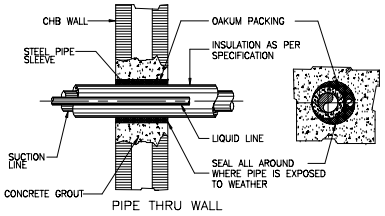
2 M-03 **PROPOSED 3RD FLOOR AC AND VENTILATION LAYOUT**
SCALE 1 : 75M

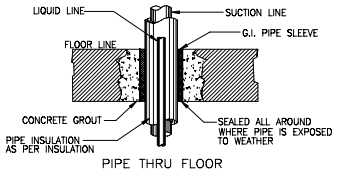


A / M-04 SCHEMATIC REFRIGERANT PIPING

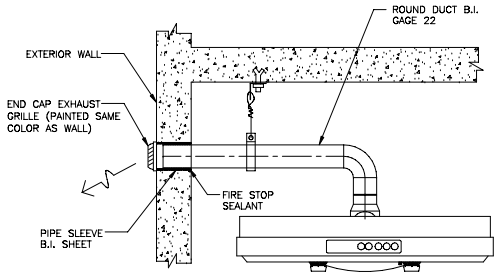


B / M-04 REFRIGERANT PIPE HANGER DETAIL

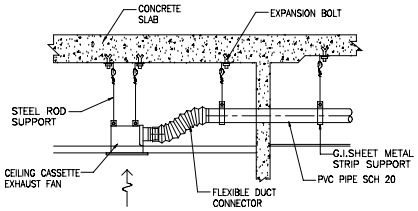




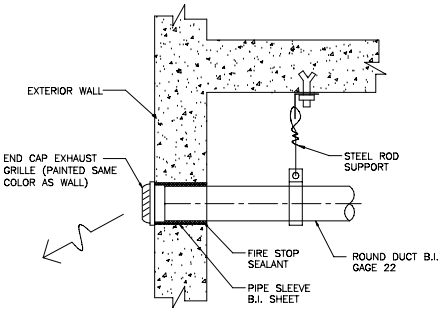
C / M-04 REFRIGERANT PIPES THRU WALL/FLOOR



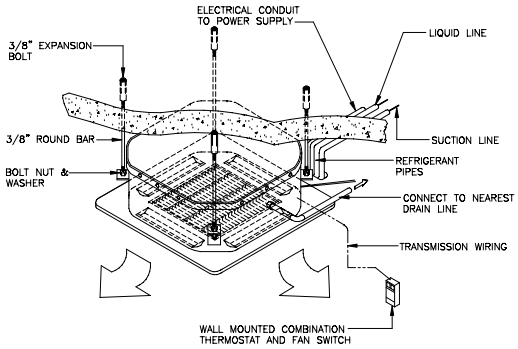
D / M-04 RANGE HOOD DETAIL NOT TO SCALE



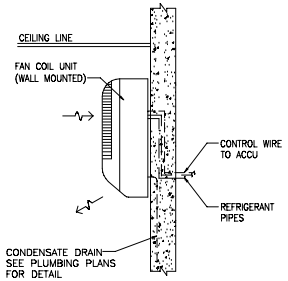
E / M-04 CEILING CASSETTE FAN MOUNTING DETAIL



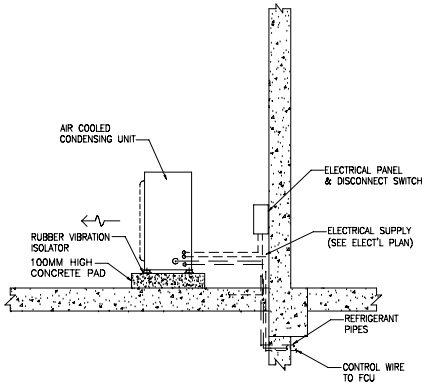
F / M-04 END CAP EXHAUST GRILLE



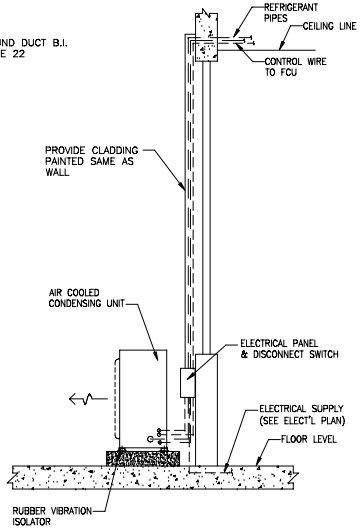
G / M-04 CEILING CASSETTE HANGING DETAIL



H / M-04 FCU MOUNTING DETAIL



I / M-04 ACCU MOUNTING DETAIL



J / M-04 ACCU MOUNTING DETAIL