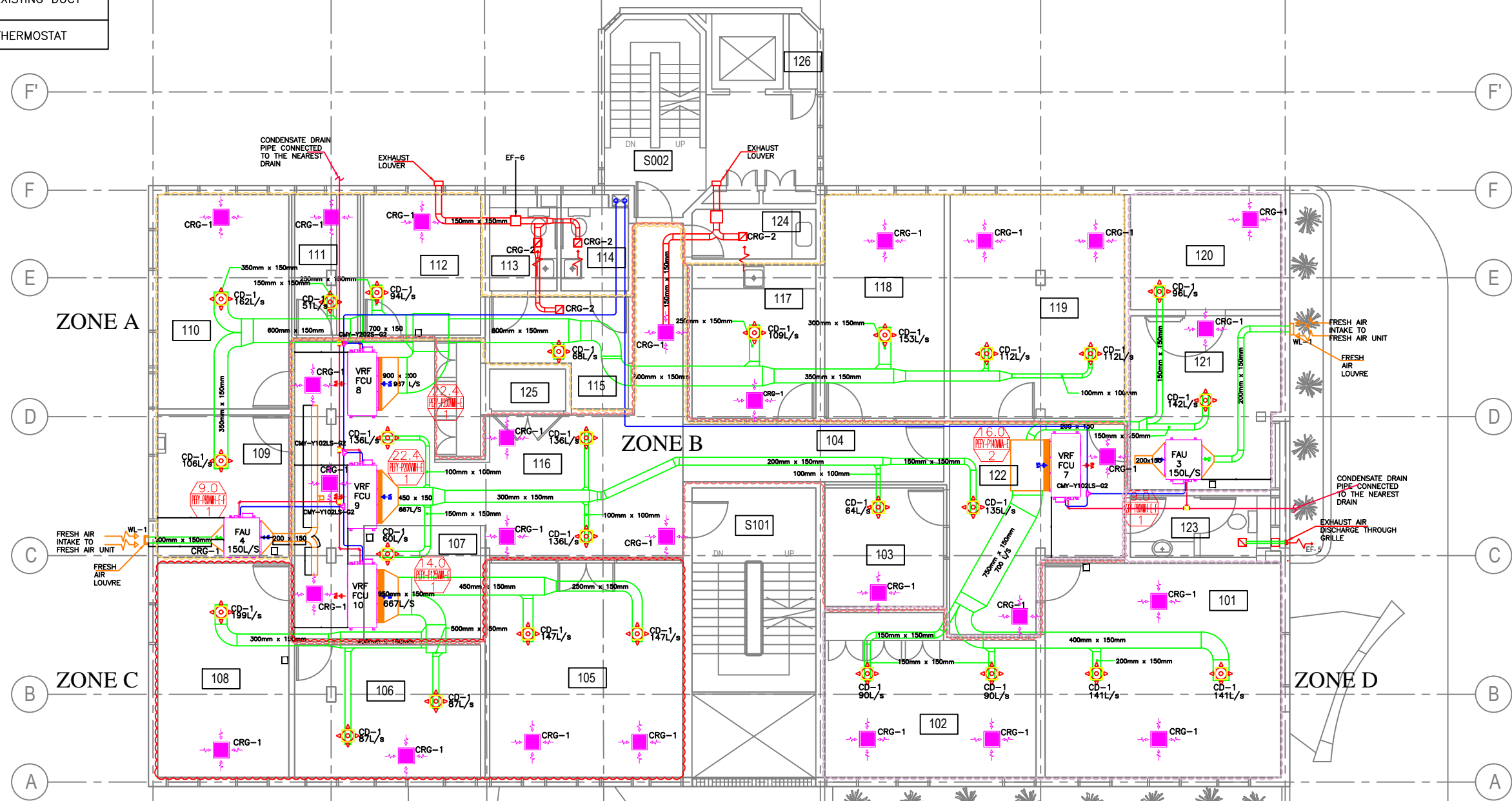


LEGEND	
	NEW DUCT FRESH AIR DUCT
	NEW DUCT EXHAUST AIR DUCT
	EXISTING DUCT
	THERMOSTAT

FIRST FLOOR MATERIAL SCHEDULE				
SYMBOL	DESCRIPTION	DIM(MM)	Q(L/s)	QTY
CD-1	SUPPLY DIFFUSER FOR FRESH AIR UNIT	326X326	200	5
CRG-1	RETURN DIFFUSER IN CORRIDOR CLOSE TO KITCHEN	462X462	200	1
CRG-2	RETURN DIFFUSER IN LOBBY AND KITCHEN	326X326	150	2
WL-1	FRESH AIR WEATHER LOUVER FOR FRESH AIR UNIT	400X300	150	2
	SUPPLY DUCT WORK	17 SQMTRS		5
	AIR TERMINAL PLENUM, RING & SPIGOT DUCTS	6 SQMTRS		
	PLENUM BOX AC UNIT	9.5 SQMTRS		
	FLEXIBLE DUCT #150mm	14 MTRS		
	FLEXIBLE DUCT #200mm	2 MTRS		

FIRST FLOOR EQUIPMENT SCHEDULE						
SYMBOL	DESCRIPTION	MODEL NAME	COOLING CAPACITY (KW)	AIR FLOW (L/S)	SIZE DIMENSION HXWxD (MM)	WEIGHT (KG)
VRF FCU 7	VRF FAN COIL UNIT	PEFY-P140VMA-E	16.0 KW	700 L/S	250X1600X732	46 KG
VRF FCU 8	VRF FAN COIL UNIT	PEFY-P200VMH-E	22.4 KW	967 L/S	470X1250X1120	100 KG
VRF FCU 9	VRF FAN COIL UNIT	PEFY-P200VMH-E	22.4 KW	967 L/S	470X1250X1120	100 KG
VRF FCU 10	VRF FAN COIL UNIT	PEFY-P125VMA-E	14.0 KW	667 L/S	250X1400X732	42 KG
FAU 3 & 4	FRESH AIR UNIT INTAKE	PEFY-P80VMH-E-F	9.0 KW	150 L/S	380X1000X900	50 KG



FIRST FLOOR PLAN - AIRCONDITIONING AND VENTILATION SYSTEM
1 : 125

- GENERAL NOTES**
1. WORK TO FIGURED DIMENSIONS ONLY
 2. ALL DIMENSIONS IN MILLIMETER UNLESS OTHERWISE STATED
 3. CO-ORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF APPLIANCES
 4. ALL PIPES SIZES ARE INTERNAL DIAMETER
 5. ALL TAP OFF FROM RISER PIPES SHOULD GO WITH CONCEALED VALVES FOR CONTROL

REV	DATE	DESCRIPTION	APPROVAL
A	NOV. 2018	GENERAL REVISION	

CLIENT

ARCHITECT

SERVICES ENGINEERS

MFA Partnership
Mechanical & Electrical Consulting Engineers
2nd Floor
Plot 10B, Block 132
DCS Street, U3 Estate,
Lekki Phase 1 (Ocean side), Lagos.
Tel: 234-1-3429060
Email: admin@mfapartnership.com

JOB TITLE
CANADIAN HIGH COMMISSION, CHANCERY LAGOS NIGERIA AT 4, ANIFOWOSHE STREET, V/I LAGOS

DRAWING TITLE
FIRST FLOOR PLAN - AIRCONDITIONING AND VENTILATION SYSTEM

DRAWING PHASE	
WORK IN PROGRESS	<input type="checkbox"/>
PRELIMINARY	<input type="checkbox"/>
COMMENTS	
APPROVAL	
TENDER	
CONSTRUCTION	<input checked="" type="checkbox"/>

CHECKED BY CA APPROVED BY CAA MADE BY TTN

DRAWING NO. M374/M202

SCALE 1 : 125

DATE SEPT., 2018

REV A