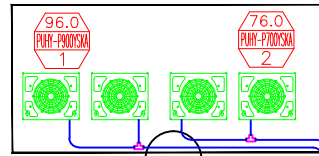
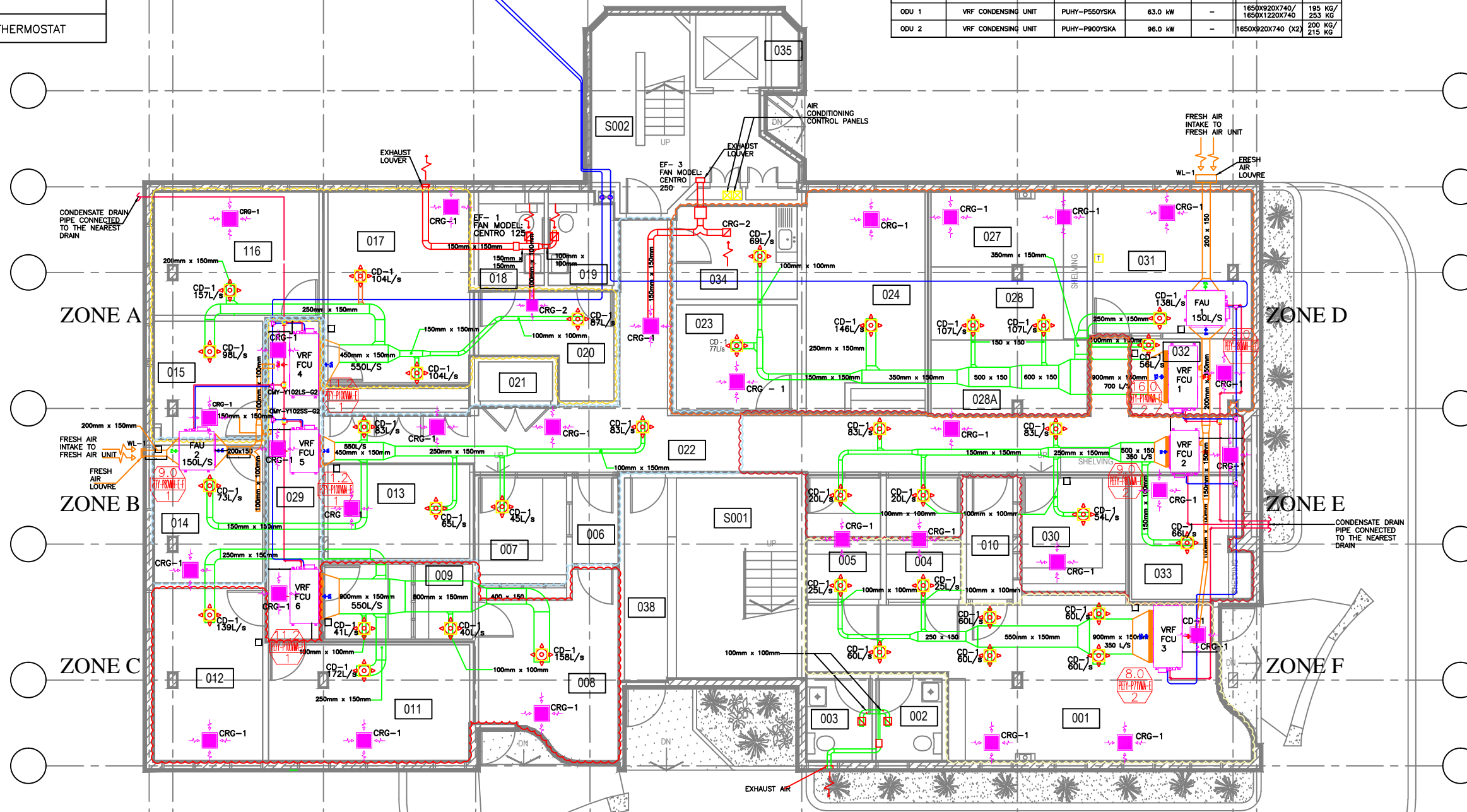


LEGEND	
	NEW DUCT FRESH AIR DUCT
	NEW DUCT EXHAUST AIR DUCT
	EXISTING DUCT
	THERMOSTAT



GROUND FLOOR MATERIAL SCHEDULE				
SYMBOL	DESCRIPTION	DIM(mm)	Q(L/s)	QTY
CD-1	SUPPLY DIFFUSER FOR FRESH AIR UNIT	326X326	200	6
CRG-1	RETURN DIFFUSER IN CORRIDOR CLOSE TO KITCHEN	462X462	200	1
CRG-2	RETURN DIFFUSER IN TOILET LOBBY AND KITCHEN	326X326	150	2
WL-1	FRESH AIR WEATHER LOUVER FOR FRESH AIR UNIT	400X300	150	2
	SUPPLY DUCT WORK	18 SQMTRS		
	AIR TERMINAL PLenums, RING & SPLIT DUCTS	6 SQMTRS		
	PLENUM BOX AC UNIT	12.5 SQMTRS		
	FLEXIBLE DUCT #150mm	16 MTRS		
	FLEXIBLE DUCT #200mm	2 MTRS		

GROUND FLOOR EQUIPMENT SCHEDULE						
SYMBOL	DESCRIPTION	MODEL NAME	COOLING CAPACITY (KW)	AIR FLOW (L/S)	SIZE DIMENSION (HXWD (MM))	WEIGHT (KG)
VRF FCU 1	VRF FAN COIL UNIT	PEFY-P140VMA-E	16.0 KW	700 L/S	250X1600X732	46 KG
VRF FCU 2	VRF FAN COIL UNIT	PEFY-P80VMA-E	9.0 KW	350 L/S	250X1100X732	32 KG
VRF FCU 3	VRF FAN COIL UNIT	PEFY-P71VMA-E	8.0 KW	350 L/S	250X1100X732	32 KG
VRF FCU 4	VRF FAN COIL UNIT	PEFY-P100VMA-E	11.2 KW	550 L/S	250X1400X732	42 KG
VRF FCU 5	VRF FAN COIL UNIT	PEFY-P100VMA-E	11.2 KW	550 L/S	250X1400X732	42 KG
VRF FCU 6	VRF FAN COIL UNIT	PEFY-P100VMA-E	11.2 KW	550 L/S	250X1400X732	42 KG
FAU 1 & 2	FRESH AIR UNIT INTAKE	PEFY-P80VMH-E-F	9.0 KW	150 L/S	380X1000X900	50 KG
ODU 1	VRF CONDENSING UNIT	PUHY-P550YSKA	63.0 KW	-	1650X920X740 / 1650X1220X740	195 KG / 253 KG
ODU 2	VRF CONDENSING UNIT	PUHY-P900YSKA	96.0 KW	-	1650X920X740 (X2)	200 KG / 215 KG



**GROUND 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.  
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Email: admin@mfapartnership.com

JOB TITLE

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

DRAWING TITLE

GROUND FLOOR PLAN - AIRCONDITIONING AND VENTILATION SYSTEM

DRAWING PHASE

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

CHECKED BY CA APPROVED BY CAA MADE BY TN

DRAWING NO. M374/M201

SCALE 1 : 125

DATE SEPT., 2018

REV A