

# RECIRCULATING AIR HANDLING UNIT

EQUIPMENT REFERENCE (Left Tower) : 1st Level- (Zone 1 AHU-T1-1&2(1F), AHU G3 1&2(GF)), 2nd Level- (Zone 1 AHU-T1-1&2(3F), AHU T 1&2(2F)), 4th Level - (Zone 1 AHU-T1-1&2(5F), AHU T 1&2(4F), Zone 3 AHUT2-1(5F) & AHUT2-1(4F)), 6th Level - (Zone 1 AHU-F7-1&2(7F), AHU T 1&2(6F), Zone 3 AHUT2-1(6F) & AHUT2-1(7F)), 8th Level- (AHU-F8-1&2, AHU F8-3, AHU F9-1)

EQUIPMENT REFERENCE (Right Tower) : 1st Level- (Zone 1 AHU-T1-1&2(1F), AHU G3 1&2(GF)), 2nd Level- (Zone 2 AHU-T1-1&2(3F), AHU T 1&2(2F)), 4th Level - (Zone 2 AHU-T1-1&2(5F), AHU T 1&2(4F), Zone 3 AHUT2-2(5F) & AHUT2-2(4F)), 6th Level - (Zone 2 AHU-F7-1&2(7F), AHU T 1&2(6F), Zone 3 AHUT2-2(6F) & AHUT2-2(7F)), 8th Level - (Zone 2 AHU-F8-1&2, AHU F8-4, F9-2)

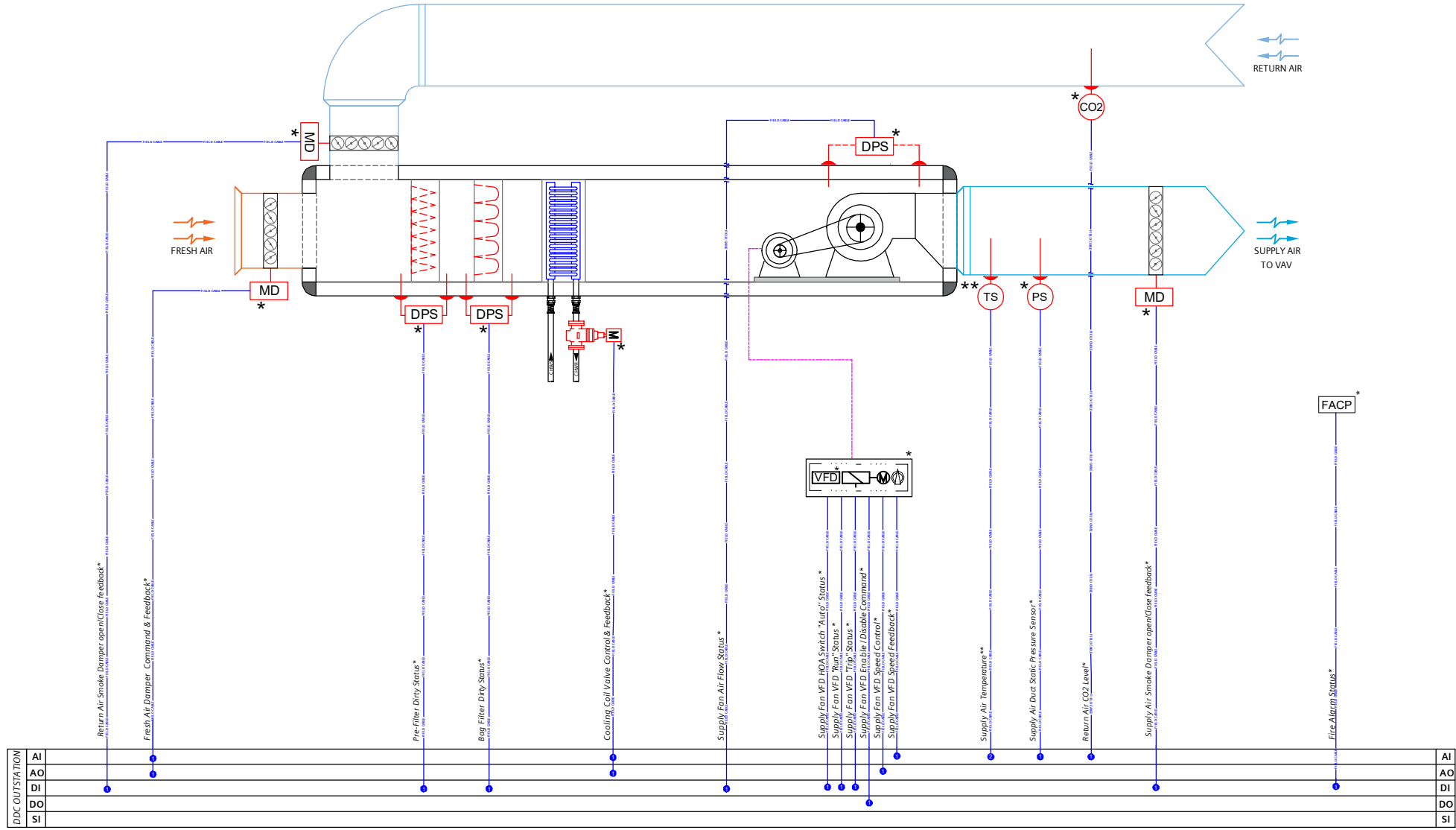
EQUIPMENT REFERENCE (Basement) : AHU-BU2, AHU-R1(Right Side), AHU-R1(Left Side)

EQUIPMENT REFERENCE (Office Floor - Block A) : Ground Floor - 2 QTY, 1st Floor - 2 QTY, 2nd Floor - 2 QTY, 3rd Floor - 2 QTY, 4th Floor - 2 QTY, 5th Floor - 2 QTY, 6th Floor - 2 QTY

EQUIPMENT REFERENCE (Office Floor - Block B) : Ground Floor - 2 QTY, 1st Floor - 2 QTY, 2nd Floor - 2 QTY, 3rd Floor - 2 QTY, 4th Floor - 2 QTY, 5th Floor - 2 QTY, 6th Floor - 2 QTY

EQUIPMENT REFERENCE (Office Floor - Block F) : Ground Floor - 2 QTY, 1st Floor - 2 QTY, 2nd Floor - 2 QTY, 3rd Floor - 2 QTY, 4th Floor - 2 QTY, 5th Floor - 2 QTY, 6th Floor - 2 QTY, 7th Floor - 2 QTY

EQUIPMENT REFERENCE (Office Floor - Block E) : Ground Floor - 2 QTY, 1st Floor - 2 QTY, 2nd Floor - 2 QTY, 3rd Floor - 2 QTY, 4th Floor - 2 QTY, 5th Floor - 2 QTY, 6th Floor - 2 QTY, 7th Floor - 2 QTY



**LEGEND**

TH	TEMPERATURE & HUMIDITY SENSOR
THC	TEMPERATURE, HUMIDITY & CO2 SENSOR
TS	TEMPERATURE SENSOR
DP	DIFFERENTIAL PRESSURE SENSOR
DPS	DIFFERENTIAL PRESSURE SWITCH
PS	STATIC PRESSURE SENSOR
CO2	CARBON DIOXIDE DETECTOR
CO	CARBON MONOXIDE DETECTOR
FM	FLOW METER
FS	FLOW SENSOR
FLS	FLOW SWITCH
TL	TANK LEVEL SENSOR
MD	MOTORIZED DAMPER
MSD	MOTORIZED SMOKE DAMPER
MSFD	MOTORIZED SMOKE / FIRE DAMPER
BTU	BTU METER
ENERGY	ENERGY METER
SPACE	SPACE / ROOM THERMOSTAT
MOTORIZED BUTTERFLY VALVE	MOTORIZED BUTTERFLY VALVE
MOTORIZED 2-WAY VALVE (RCV TYPE)	MOTORIZED 2-WAY VALVE (RCV TYPE)
MOTORIZED 3-WAY VALVE	MOTORIZED 3-WAY VALVE
VARIABLE FREQUENCY DRIVER	VARIABLE FREQUENCY DRIVER

**CABLE LEGEND**

TYPE A	ETHERNET LAN CABLE (CAT6)
TYPE B	BACNET MSTP CABLE
TYPE C	MODBUS RS-485 CABLE
TYPE D	FIELD CABLE
TYPE E	KNX COMMUNICATION CABLE
TYPE F	LONBUS CABLE

**NOTES**

- \* PRE-EXISTING FIELD DEVICES / POINTS
- \*\* NEW FIELD DEVICES / POINTS BY SIEMENS
- # REPLACEMENT OF EXISTING FIELD DEVICES

NO	ISSUED FOR APPROVAL	FOR	SH	DATE
REV	DESCRIPTION	DRW BY	CHK BY	DATE

ESCO

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**CLIENT**

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**PROJECT TITLE**  
Supply, Installation & Commissioning for BMS Controller at DSO HQ

**LOCATION**  
Phase-1  
(Left Tower, Right Tower, Mid Tower, Basement Level)

**DRAWING TITLE**  
Recirculating Air Handling Unit (Typical)

DRAWING NO	SCALE
SMN/DWG/OP0175/003	N.T.S.