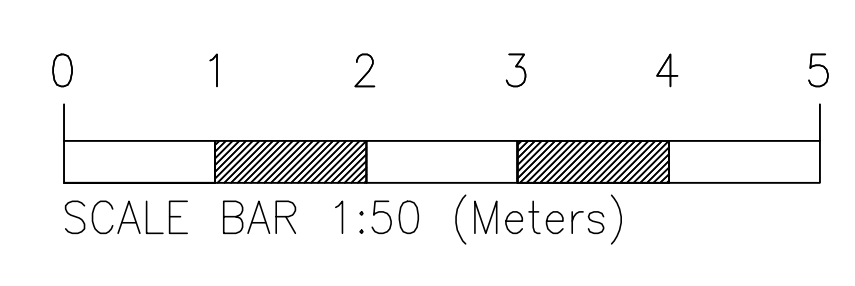


- NOTES:-
- DO NOT SCALE FROM THIS DRAWING
  - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND DOCUMENTS PREPARED BY LONG & PARTNERS
  - THIS DRAWING IS TO DEPICT THE DESIGN INTENT FOR THE SCHEME. THE CONTRACTOR SHALL PRODUCE DETAILED CONSTRUCTION WORKING DRAWINGS
  - LOUVERS TO BE INSTALLED WITH INSECT MESH. CLEANING & MAINTENANCE OF LOUVERS TO BE INTERNAL WITHIN PLANT ROOM
  - WHERE VCD'S ARE SHOWN WITHIN PLASTER BOARD CEILING AREAS, ACCESS TO BE LEFT AND MADE GOOD AFTER COMMISSIONING.
  - ALL TOILET DOORS TO BE UNDERCUT FOR MAKE UP AIR.
  - EXISTING W/C MAKE UP AIR SHAFT, VCD'S & GRILLES TO EAST TOILETS TO BE RETAINED
  - SECTIONS ARE SHOWN AT STAGE 4 DESIGN TO BE FURTHER DEVELOPED IN STAGE 5 CONSTRUCTION INFORMATION.

- LEGEND
- VCD VOLUME CONTROL DAMPER WITH CO2 CONTROL
  - FD FIRE DAMPER
  - AP ACCESS PANEL
  - ATTEN ATTENUATOR
  - VAV VARIABLE AIR VOLUME BOX
  - CTA CROSS TALK ATTENUATOR
  - AHU AIR HANDLING UNIT
  - VS VALVE SET
- AIR CONDITIONING CONTROLS
- 1.0 ROOM WITH VAV CONTROLLER TO SMALL MEETING ROOM
  - CO2 COMBINED CO<sub>2</sub> & TEMPERATURE SENSOR. CO<sub>2</sub> SENSOR CONNECT TO VAV BOX
  - TC USER ADJUSTABLE TEMPERATURE CONTROLLER. TEMPERATURE CONTROLLER CONNECT TO HEATER BATTERY
  - 2.0 FCU IN CELLULAR ROOM
  - CO2 COMBINED CO<sub>2</sub> & TEMPERATURE SENSOR. CO<sub>2</sub> SENSOR CONNECT TO VAV BOX. TEMPERATURE SENSOR CONNECT TO FCU CONTROLLER
  - FCC FAN COIL UNIT CONTROLLER WITH 'ON/OFF' SWITCH
  - NOTE FCU'S ARE GENERALLY COOLING ONLY. HEATING IN PERIMETER AREA BY RADIATORS
  - 3.0 OPEN PLAN VAV BOX CONTROL
  - CO2 COMBINED CO<sub>2</sub> & TEMPERATURE SENSOR. CO<sub>2</sub> SENSOR CONNECT TO VAV BOX. VAV BOX ALSO TO CONTROL TEMPERATURE
  - 4.0 FCU IN OPEN PLAN OFFICE (MASTER SLAVE CONTROL ARRANGEMENT)
  - CO2 COMBINED CO<sub>2</sub> & TEMPERATURE SENSOR. CO<sub>2</sub> SENSOR CONNECT TO VAV BOX. TEMPERATURE SENSOR CONNECT TO FCU CONTROLLER
  - FCC FAN COIL UNIT CONTROLLER WITH 'ON/OFF' SWITCH
  - NOTE FCU'S ARE GENERALLY COOLING ONLY. HEATING IN PERIMETER AREA BY RADIATORS



Rev	Date	Description	Drawn
6	30.06.20	STAGE 4 FINAL ISSUE	CAD
5	26.05.20	INCORPORATING COMMENTS	CAD
4	06.04.20	STAGE 4 ISSUE	CAD
3	20.03.20	STAGE 4 DRAFT ISSUE	CAD
2	10.02.20	STAGE 3/4 UPDATE	CAD
1	16.12.19	STAGE 3 ISSUE	CAD
0	27.11.19	STAGE 3 DRAFT ISSUE	CAD

Based on architects drawing

20BW-ALLP-ZZ-03-DR-A-2305

Issue status

**STAGE 4**

Project UCL IOE, 20 BEDFORD WAY  
PHASE 2

Title LEVEL 3 CORE A  
VENTILATION  
LAYOUT

Scale 1:50@A0

Designed By NH

Checked by NLB

Date FEB 20

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