



- NOTES:
1. READ IN CONJUNCTION WITH ALL OTHER MAX FORDHAM DRAWINGS, SCHEDULES, AND SPECIFICATIONS
 2. REFER TO THE ARCHITECTS AND STRUCTURAL ENGINEERS INFORMATION FOR ADDITIONAL DETAILS
 3. PRINT IN COLOUR
 4. PROVIDE FIRE DAMPERS IN ALL DUCTWORK CROSSING FIRE COMPARTMENTS.
 5. ALL DUCTWORK ELBOWS ARE TO BE ROUND SHAPE WITH R/W > 0.75, OR IN CASE OF SPACE CONSTRAINTS, SQUARE ELBOWS WITH TURNING VANES.
 6. POSITION OF AIR TERMINALS IS INDICATIVE ONLY – REFER TO THE ARCHITECTURAL SETTING OUT INFORMATION

- MOTORISED DAMPER
- SUPPLY AIR
- EXTRACT AIR
- GRILLE
- DUCT DROP/RISE
- TEMPERATURE / HUMIDITY SENSOR
- AXIAL FAN

4no. EXISTING SUPPLY DIFFUSERS TO BE RETAINED

NEW RECIRCULATING AHU

1018x160 SUPPLY DUCT RISES FROM TOP CONNECTION ON AHU04 INTO SUPPLY PLENUM

EXISTING SUPPLY DIFFUSER AT HIGH LEVEL AND EXISTING EXTRACT GRILLE AT LOW LEVEL TO BE RETAINED

1018x160 EXTRACT DUCT CONNECTS TO EXISTING GRILLE AT LOW LEVEL

TEMPERATURE AND HUMIDITY SENSOR

AHU-04

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TEMPERATURE AND HUMIDITY SENSOR CONNECTED TO BMS

3No 650x250 SUPPLY DUCTS RISE FROM BELOW AND TERMINATES WITHIN ENCLOSURE AND SERVES 4no. EXISTING DIFFUSERS

200ø EXTRACT DUCT SPIGOT SERVES EXISTING GRILLE AT LOW LEVEL

EXISTING ENCLOSURE TO BE RETAINED

EXTRACT DUCT BRANCH

200ø EXTRACT DUCT SPIGOT SERVES EXISTING GRILLE AT LOW LEVEL

EXISTING GRILLE AT LOW LEVEL WITHIN ENCLOSURE TO BE RETAINED

3No 650x250 EXTRACT DUCTS RISE FROM BELOW AND TERMINATE AT LOW LEVEL WITHIN GRILLE ENCLOSURE

P03	06/11/20	D2 TENDER	STM
P02	16/10/20	D2 TENDER	SH
•	25/09/20	STAGE 4 – DRAFT ISSUE	SH
•	21/08/20	STAGE 4 – DRAFT ISSUE	SH
rev	date	description	eng

MAX FORDHAM

Max Fordham LLP
Carver's Warehouse
77 Dale Street
Manchester
M1 2HG
T. +44 (0) 161 312 8071
F. +44 (0) 20 7482 0329
maxfordham.com

Registered Office 42-43 Gloucester Crescent London NW1 7PE
Registered in England No. OC300026

architect
DONALD INSALL ASSOCIATES

job title
WALKER ART GALLERY

project leader	date	scale (at A1)
MD	AUG '20	1:50

drawing title
**VENTILATION AND
AIR CONDITIONING
FIRST FLOOR LAYOUT 2/2**

job no	dwg no	rev
6683	6683-MXF-XX-01-DR-M-2010/	P03