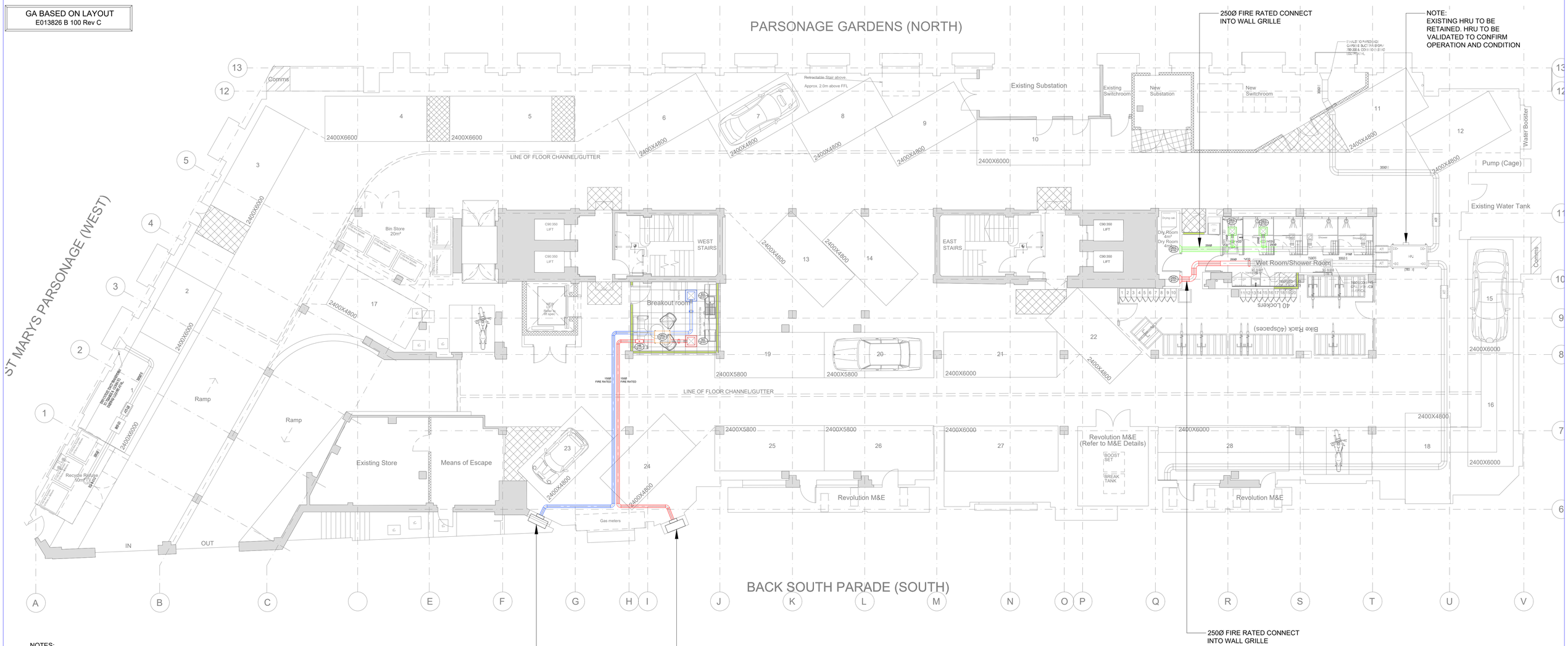
Scale 1:100
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000

GA BASED ON LAYOUT
E013826 B 100 Rev C



250Ø FIRE RATED CONNECT INTO WALL GRILLE

150Ø FIRE RATED TRANSFORM TO 200x200 & CONNECT TO EXISTING LOUVRED FACADE

NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL CONSTRUCTION ISSUED PROJECT INFORMATION - DRAWINGS, REPORTS, SPECIFICATIONS & CONTRACTORS PROPOSAL PACK.
2. ALL DIMENSIONS TAKEN FROM THIS DRAWING SHOULD BE MEASURED & VERIFIED ON SITE PRIOR TO INSTALLATION.
3. ALL WORKS ARE TO BE UNDERTAKEN IN LINE WITH THE CURRENT M&E PROGRAMME OF WORKS.
4. ALL SERVICES SHALL BE BE PROVIDED IN LINE WITH THE ARCHITECTS LAYOUT DRAWINGS & WHERE DISCREPANCIES BETWEEN THE M&E INFORMATION & CONSTRUCTION LAYOUTS OCCUR THIS MUST BE BROUGHT TO THE ATTENTION OF THE PROJECT TEAM FOR FURTHER CLARIFICATION.
5. THE VENTILATION INSTALLATION SHALL CONFORM TO ALL PARTS OF BUILDING REGULATIONS, APPROVED DOCUMENT F.
6. THE DUCTWORK INSTALLATION SHALL COMPLY WITH BS 5720 & THE CONSTRUCTION OF DUCTWORK SHALL BE IN ACCORDANCE WITH THE SPECIFICATION FOR SHEET METAL DUCTWORK DW/144 & DW/TM2.
7. ALL DUCTWORK SHALL BE MANUFACTURED, INSTALLED & TESTED TO SUIT PRESSURE TEST CLASSIFICATION A, LOW PRESSURE.
8. ALL DUCTWORK SHALL BE MANUFACTURED FROM BEST QUALITY COLD REDUCED CONTINUOUSLY HOT DIPPED GALVANISED SHEET STEEL, WITH A MINIMUM SHEET THICKNESS OF 0.8mm.
9. FIXINGS SHALL BE MECHANICALLY CLOSED TO NEGATE LEAKAGE, FIXING BY SELF-TAPPING SCREWS IS NOT ACCEPTABLE, SELF-ADHESIVE TAPE SHALL NOT BE USED TO SEAL DUCTWORK.
10. ALL FANS & ITEMS OF PLANT CONTAINING MOVING EQUIPMENT SHALL BE PROVIDED WITH FLEXIBLE CONNECTIONS TO TO PREVENT TRANSMISSION OF VIBRATION.
11. FIRE DAMPERS ARE TO BE LOCATED WHERE ANY DUCTWORK PASSES THROUGH A FIRE COMPARTMENT OR WALL. ALL FIRE DAMPERS WILL HAVE A MINIMUM 2 HOUR FIRE RATING & BE COMPLETE WITH BLADES EXTERNAL TO THE DUCT.
12. ALL DUCT VOLUME CONTROL DAMPERS SHALL BE MANUFACTURED WITH MULTI-OPPOSED AERODYNAMIC DOUBLE SKIN STAINLESS STEEL BLADES SUITABLE FOR BALANCING & SHUT OFF. SINGLE BLADE DAMPERS SHALL NOT BE USED
13. ACCESS DOORS SHALL BE INSTALLED FULLY IN ACCORDANCE WITH BESA DW DOCUMENTS, WITH ADDITIONAL ACCESS DOORS REQUIRED FOR FUTURE CLEANING ALSO INSTALLED DURING THE INSTALLATION, TO SUIT METU ACCESS PORT IPR-RRD WITH RETAINING CABLE
14. FLEXIBLE CONNECTIONS FOR CONNECTION TO GRILLES / DIFFUSERS SHALL BE MANUFACTURED BY LINDAB, THEIR THERMALLY INSULATED TECSONIC 400S RANGE & SHALL BE NO LONGER THAN 500mm.
15. ALL GENERAL SUPPLY & EXTRACT DUCTWORK INDICATED ON THE VENTILATION LAYOUT TO BE THERMALLY INSULATED GENERALLY WITH MINERAL WOOL TO A MINIMUM THICKNESS OF 40mm ACCORDANCE WITH BS 5422:2009, UTILITY EXTRACT VENTILATION SYSTEMS ARE NOT TO BE INSULATED..

LEGEND

- AC UNIT REMOTE CONTROLLER (COST OPTION)
- VCD VOLUME CONTROL DAMPER
- FD FIRE DAMPER
- NEW SUPPLY DUCT (CIRCULAR)
- NEW SUPPLY DUCT (SQUARE)
- EXISTING DUCTS
- EXTRACT GRILLE
- FIRE RATED DUCTWORK

P02	AMENDED TO SUIT NEW ARCHITECTS LAYOUT	SG	10/01/25
P01	FIRST ISSUE	SG	29/11/24

CONTRACTORS PROPOSAL

DL PROJECT No C/24/4270

ARKWRIGHT HOUSE
MANCHESTER
M3 2LF

Claremont

TITLE
BASEMENT LEVEL
VENTILATION LAYOUT

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QMS ISO 9001 : 2015 REGISTERED

DRAWN	CAD	CHECKED
MJ	SG	MJ

SCALE	DATE
1:100 @ A1	NOVEMBER 2024

DRAWING No	REV
244270-M-B1-2201	P02