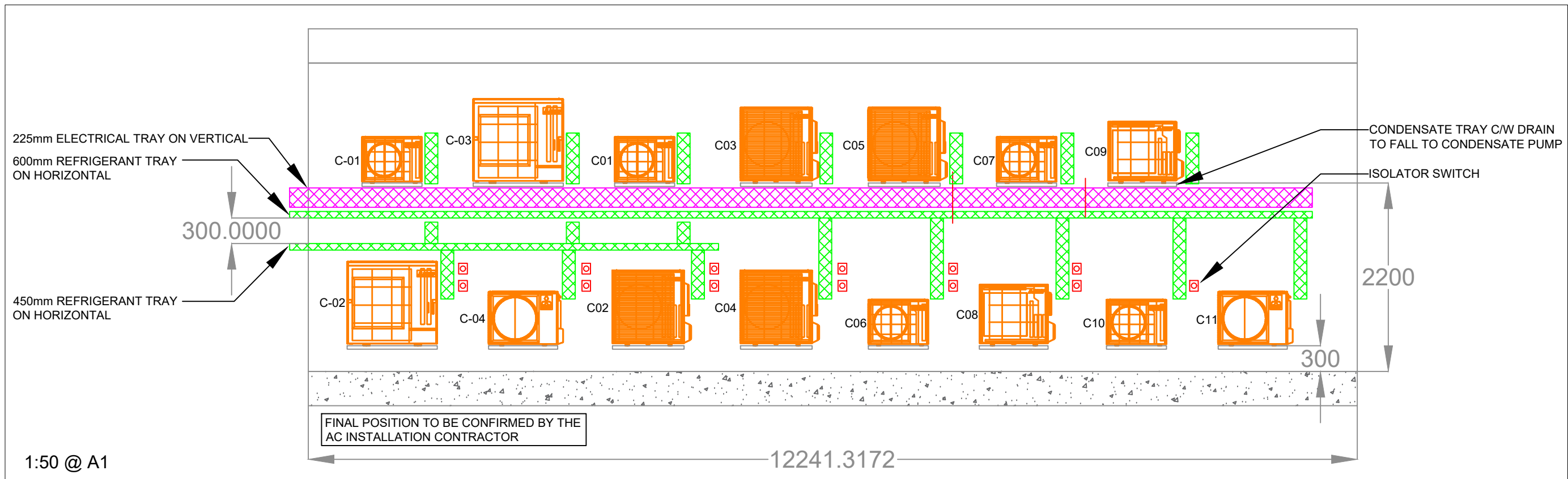
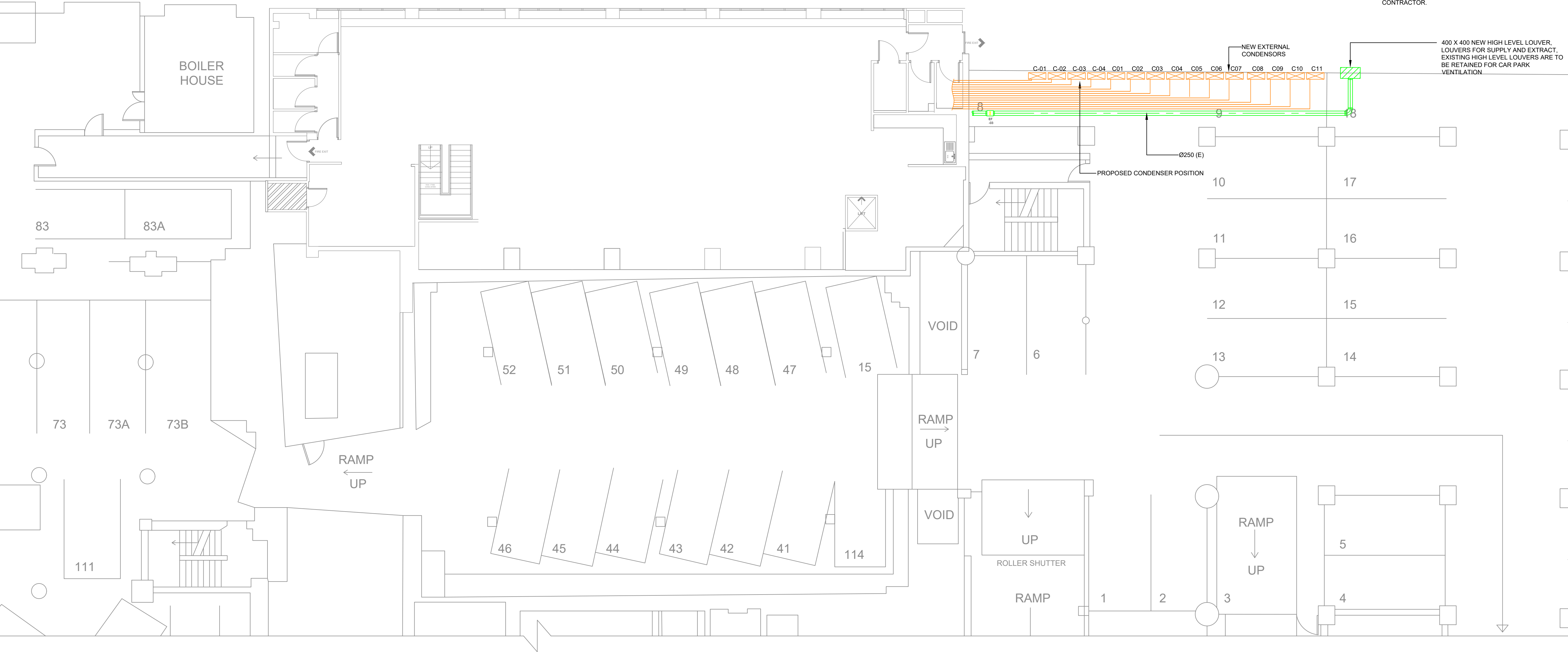




BASEMENT
(CANAL SUITE)

- VENTILATION NOTES**
1. ALL VENTILATION PROVISIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF BUILDING REGULATIONS APPROVED DOCUMENT F AND THE NON DOMESTIC BUILDING SERVICE COMPLIANCE GUIDE.
 2. ALL BRANCHES TO BE COMPLETE WITH VCD.
 3. ALL FLEXIBLE DUCTWORK NOT TO EXCEED 0.5m.
 4. FIRE DAMPERS SHALL BE PROVIDED WHERE DUCTWORK PASSES THROUGH ANY FIRE RATED STRUCTURE.
 5. WHERE TRANSFER GRILLES ARE INSTALLED IN FIRE DOORS THEY SHALL BE SUPPLIED WITH AN INTUMESCENT INSERT.
 6. ALL OPENINGS TO BE MADE GOOD AND FIRE RATED WHERE SERVICES PASS THROUGH FIRE RATED PARTITIONS AND CAVITY BARRIERS.
 7. ALL SUPPLY DUCTWORK SHALL BE INSULATED THROUGHOUT.
 8. ALL INSTALLATIONS TO COMPLY WITH DW GUIDES & TR17.
 9. ATTENUATORS SHALL BE MANUFACTURED IN ACCORDANCE WITH DW144 SPECIFICATION FOR LOW PRESSURE DUCTWORK.
 10. ACCESS HATCHES SHALL BE PROVIDED FOR ALL EQUIPMENT INSTALLED WITHIN CEILINGS FOR MAINTENANCE. ACCESS HATCHES DIMENSIONS SHALL MATCH MANUFACTURERS RECOMMENDATIONS FOR THE SPECIFIC EQUIPMENT.
 11. ALL DUCTWORK SHALL BE GALVANISED Z265 TYPE
 12. MECHANICAL CONTRACTOR RESPONSIBLE FOR ALL FINAL CONNECTIONS OF MECHANICAL PLANT, CONTROLS AND POWER WIRING BETWEEN HEATING SYSTEMS/PLANT BY MECHANICAL CONTRACTOR. POWER SUPPLIES TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
 13. DUCT ACCESS HATCH EVERY 3m AND CHANGE OF DIRECTION. CEILING ACCESS HATCH TO SUIT BY CONTRACTOR.

- LTHW HEATING NOTES**
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL SPECIFICATION, AND EMPLOYER'S REQUIREMENTS.
 2. THE LTHW HEATING SYSTEM FLOW & RETURN TEMPERATURES SHALL BE IN ACCORDANCE WITH THE SPECIFICATION DESIGN PARAMETERS.
 3. THE CONTRACTOR WILL FULLY COMPLY WITH ALL RELEVANT BRITISH STANDARDS, REGULATIONS, STANDARD CODES OF PRACTICE, METHODS OF WORKING, AND GOOD PRACTICE.
 4. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR FINAL CO-ORDINATION AND INSTALLATION OF ALL MECHANICAL SERVICES WITH ALL OTHER SERVICES AND THE BUILDING STRUCTURE.
 5. THE POSITION OF ALL EQUIPMENT IS NOTIONAL AND SHOWN FOR GUIDANCE ONLY. FINAL POSITIONS AND ARRANGEMENTS WILL BE DETERMINED FOLLOWING THE DETAILED DESIGN EXERCISE.
 6. ALL SERVICES WILL BE IDENTIFIED IN ACCORDANCE WITH BS 1710 AND GOOD ENGINEERING PRACTICE. PIPEWORK TO BE RAL 6003.
 7. ALL CONCEALED PIPEWORK TO BE COPPER PRESSFIT. ALL EXPOSED PIPEWORK SHALL BE CHROME PLATED COPPER TUBE TO R250.
 8. ALL PIPEWORK TO BE PRESSURE TESTED PRIOR TO APPLICATION OF INSULATION.
 9. ALL PIPEWORK IN PLANTROOM, RISERS, RECESSED AREAS, BOXING IN OR CEILING VOIDS SHALL BE THERMALLY INSULATED THROUGHOUT IN USING THE MATERIALS IN ACCORDANCE WITH THE M&E PERFORMANCE SPECIFICATION.
 10. DRAIN COCKS SHALL BE PROVIDED TO ALL LOW POINTS ON THE SYSTEM.
 11. AUTOMATIC AIR VENTS SHALL BE PROVIDED TO ALL HIGH POINTS ON THE SYSTEM.
 12. ISOLATION VALVES SHALL BE PROVIDED TO ALL MAIN BRANCHES THROUGHOUT THE SYSTEM.
 13. THIS DESIGN DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL AND ELECTRICAL PERFORMANCE SPECIFICATION.
 14. ALL MAIN BRANCHES SHALL INCORPORATE COMMISSIONING SETS, DRVS, IVS AND LSVS TO FACILITATE BALANCING IN ACCORDANCE WITH CIBSE CODES, AND IN ACCORDANCE WITH GOOD PRACTICE.
 15. THE MECHANICAL CONTRACTOR SHALL ALLOW ALL ANCILLARIES NECESSARY TO DEAL WITH EXPANSION/CONTRACTION.
 16. THE CONTRACTOR SHALL ENSURE ALL PIPEWORK PENETRATING A CAVITY BARRIER OR FIRE COMPARTMENT WALL/SLAB SHALL BE FIRE STOPPED AT THE POINT OF PENETRATION IN ORDER TO MAINTAIN THE INTEGRITY AND REQUIRED FIRE RESISTANCE OF THE FIRE COMPARTMENT.



**STAGE 4
PRELIMINARY ISSUE**

P03	12.02.26	Condensor elevation provided.
P02	21.01.26	Route of AC containment updated.
P01	16.01.26	Preliminary issue.
Rev	Date	Description

Project -
The Growth Company
90 Great Bridgewater Street,
Manchester, M1 5JW

Title -
Proposed Car Park Services Layout

Scale - 1:100 @ A1
Design by - AW

Date - 16.01.26
Cad by - JGC

Drawing No. -	Revision -
6486-KGA-00-00-DR-M-0400	P03

KGA (UK) Ltd
Chartered Building Services
Consulting Engineers
Trinity Chambers
10 Ivy Street
Birkenhead
Merseyside
CH41 5EF

T: 0151 647 5021
E: eng@kga.co.uk
W: www.kga.co.uk

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