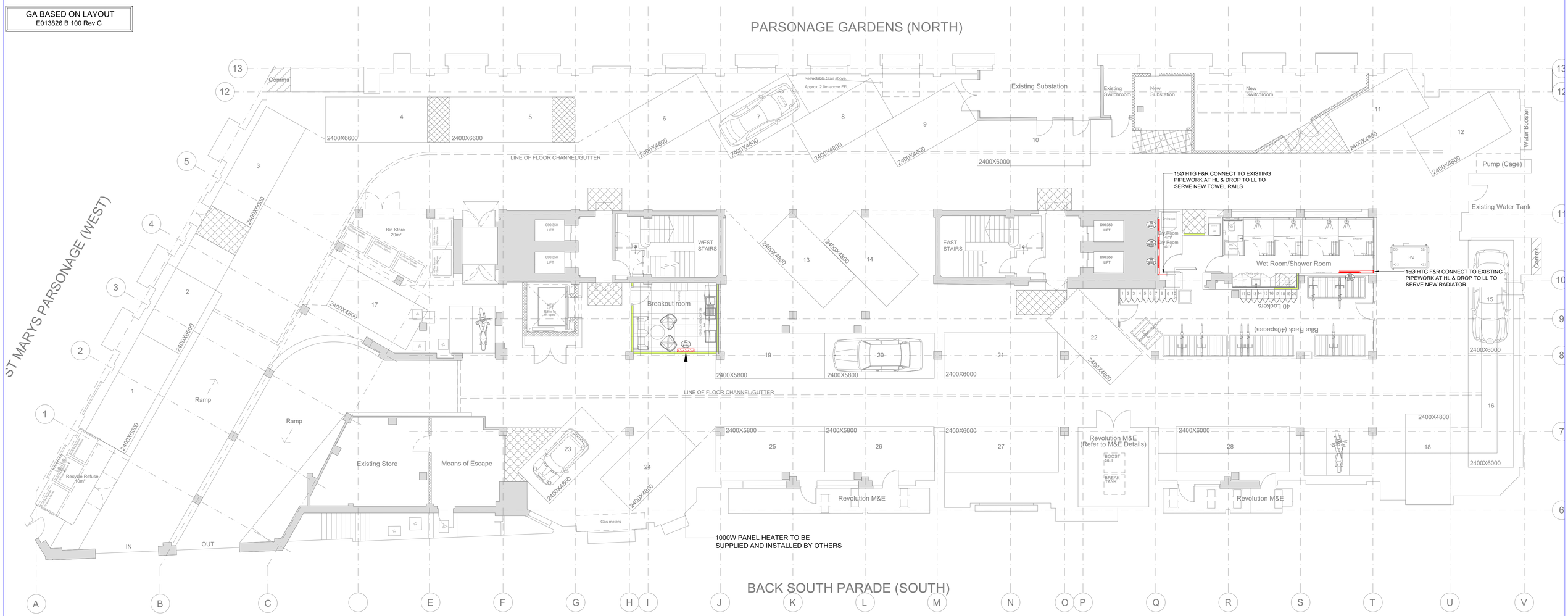
Scale 1:100
0 1000 2000 3000 4000 5000

GA BASED ON LAYOUT
E013826 B 100 Rev C



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. WHERE REQUIRED ALL SERVICE PENETRATIONS THROUGH FIRE RATED COMPARTMENTS SHALL BE FIRE STOPPED TO ACHIEVE A FIRE RATING EQUIVALENT TO THE COMPARTMENTS BY OTHERS.
6. ALL MILD STEEL PIPEWORK TO BE INSTALLED IN "MEDIUM GRADE" TO BS EN 10255 & BS EN 10220. INTERNALLY GALVANISED PIPES, VALVES & FITTINGS SHALL NOT BE PERMITTED.
7. ALL COPPER PIPEWORK TO BE INSTALLED TO BS EN 1057 & BS 8558.
8. JOINTED SHALL BE THREADED CONNECTIONS ON PIPEWORK WITH A WORKING PRESSURE LESS THAN OR EQUAL TO 7 BAR (GAUGE) FOR 50mm DIAMETER PIPEWORK & BELOW. WELDED CONNECTIONS IN ALL OTHER CASES. PRESS FIT SYSTEMS ARE NOT PERMITTED. 100% OF BURIED PIPE SERVICES ARE TO BE PRESSURE TESTED.
9. ALL AIR VENTS & ASSOCIATED PIPE CONNECTIONS TO BE LINE SIZE UP TO 25mm DIAMETER, THE 25mm DIAMETER MINIMUM FOR ALL LARGER PIPES, TO BE INSTALLED AS INDICATED ON THE DRAWINGS.
10. 15mm DIAMETER DRAIN COCKS SHALL BE INSTALLED AT ANY LOW POINTS IN THE SYSTEM WHERE WATER MAY MAY REMAIN AFTER NORMAL DRAINING THROUGHOUT THE SYSTEM.
11. ALL INTERNAL PIPEWORK SHALL BE INSULATED GENERALLY WITH MINERAL WOOL TO A MINIMUM THICKNESS OF 50mm, EXTERNAL PIPEWORK SHALL BE INSULATED WITH MINERAL WOOL TO A MINIMUM THICKNESS OF 70mm. ALL PIPEWORK INSULATED WITHIN PLANT ROOMS SHALL BE FINISHED WITH ALUMINIUM CLADDING.
12. ALL INSULATED SERVICES SHALL BE PROVIDED WITH PROPRIETARY INSULATED PIPE SUPPORTS. WHERE ROUTINE MAINTENANCE REQUIRES ACCESS TO VALVE SETS, INSULATED VALVE BAGS SHALL BE INSTALLED SO EXTENDED SPINDLE VALVES ARE NOT REQUIRED.
13. ALL INSULATED PIPEWORK SERVICES SHALL BE IDENTIFIED WITH COLOUR BANDS TO BS 1710. IDENTIFICATION SHALL BE A MINIMUM OF 100mm WIDE & SHALL BE APPLIED ON THE INSULATION TO EACH SERVICE AT 6 metre INTERVALS.
14. WHERE SERVICES DISTRIBUTION SYSTEMS & PLANT ARE WITHIN TRENCHES THE INSULATION SHALL BE PROTECTED BY AN OUTER RIGID PIPE TO PREVENT THE INSULATION BEING CRUSHED & LOSING EFFECTIVE THICKNESS, THEN WRAPPED IN REINFORCED PLASTIC OR WATERPROOF TAPE, EG. DENSO TAPE FIBAROLL OR APPROVED EQUIVALENT.
15. ALL EXTERNAL MOUNTED PLANT & EQUIPMENT SHALL BE INSTALLED UPON PROPRIETARY SUPPORT SYSTEMS IE. BIG FOOT FRAME BY MESSRS ROOF-PRP LTD OR APPROVED EQUIVALENT.
16. FLUSHING & SAMPLING OF ALL SYSTEMS SHALL BE COMPLETED IN ACCORDANCE WITH THE DESCRIBED GUIDES & METHOD STATEMENTS, SPECIFICALLY INCLUDING BUT NOT LIMITED TO HE GUIDANCE SET OUT WITHIN BSRIA BG29 FOR PRE-COMMISSION CLEANING OF HEATING, COOLING & OTHER CLOSED LOOP SYSTEMS.

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

CONTRACTORS PROPOSAL

DL PROJECT No C/24/4270

ARKWRIGHT HOUSE
MANCHESTER
M3 2LF

Claremont

TITLE
BASEMENT LEVEL
HEATING LAYOUT

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ISO 9001 : 2015 REGISTERED

DRAWN	CAD	CHECKED
GD	GD	MJ

SCALE	DATE
1:100 @ A1	NOVEMBER 2024

DRAWING No	REV
244270-M-B1-2301	P02