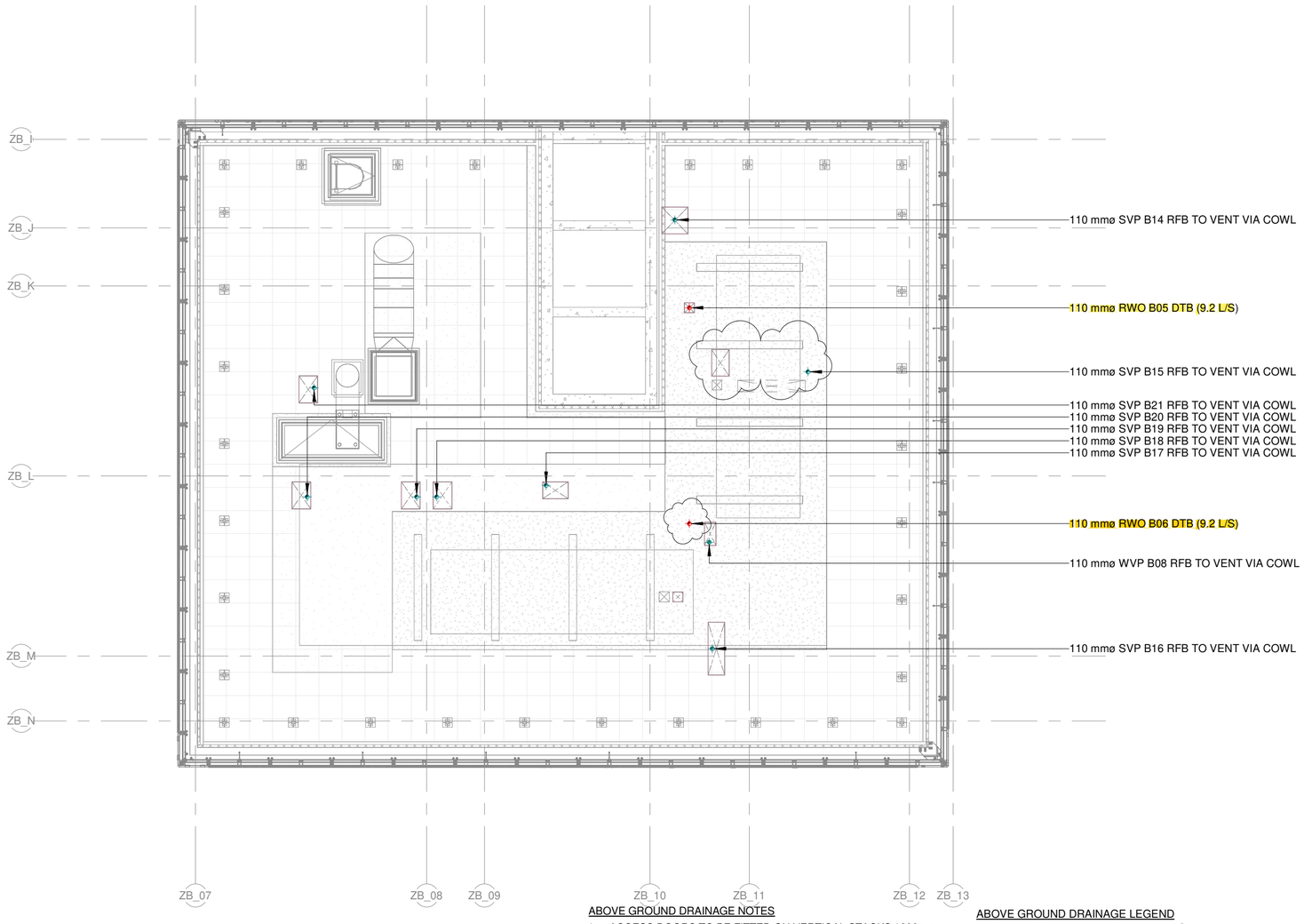
Abacus Consult
MECHANICAL & ELECTRICAL CONSULTING ENGINEERS
ABACUS HOUSE, UNIT 4 PARAMOUNT BUSINESS PARK, WILSON ROAD, LIVERPOOL, L36 6AW
info@abacusconsult.co.uk Tel: 0151 480 6161

THIS DRAWING IS THE COPYRIGHT© OF HE SIMM
IT MUST NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT PRIOR CONSENT. DO NOT SCALE FROM THIS DRAWING, WORK TO FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER MECHANICAL, ELECTRICAL & PUBLIC HEALTH DRAWING, SPECIFICATIONS AND SCHEDULES.



1 ZB ROOF LEVEL - ABOVE GROUND DRAINAGE LAYOUT
1 : 100

ABOVE GROUND DRAINAGE NOTES

1. ACCESS DOORS TO BE FITTED ON VERTICAL STACKS 1200mm ABOVE FINISHED FLOOR LEVEL ON FLOORS INDICATED AND ABOVE DRAIN POINTS ON GROUND FLOOR.
2. ALLOW FOR FIRE COLLARS AT ALL LOCATIONS WHERE PIPES PASS BETWEEN FLOORS AND FIRE COMPARTMENTS.
3. ALL DRAINAGE PIPEWORK TO BE IN TERRAIN SOLVENT-WELD AND INSULATED FUZE HDPE ON HORIZONTAL PIPEWORK IN NOISE SENSITIVE AREAS. UNLESS STATED OTHERWISE.
4. RODDING EYES TO BE INSTALLED ON ALL CHANGES IN DIRECTION OF PIPEWORK.
5. STUDIO's WITH KITCHENETTE SINK's ADJACENT TO PODS TO HAVE THE KITCHENETTE SINK WASTE PRE-PLUMBED WITH THE POD ITSELF TO AVOID HIGH LEVEL DRAINAGE OFFSETS ON THE LEVEL BELOW WHERE POSSIBLE.
6. ALL KITCHEN SINK TRAPS TO BE COMPLETE WITH RODDING EYES.
7. ALL KITCHEN SINK TO BE COMPLETE WITH ANTI-VAC TRAPS.
8. THERMAL EXPANSION TO BE ACCOMMODATED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS, AT EACH FLOOR LEVEL ON VERTICAL STACKS AND EVERY 4M ON HORIZONTAL RUNS.
9. ALL PIPEWORK TO BE ACOUSTICALLY INSULATED IN NOISE SENSITIVE AREAS TO COMPLY WITH THE PROJECT ACOUSTIC REPORT.
10. ALL PIPEWORK TO BE THERMALLY INSULATED IN AREAS SUBJECT TO FREEZING.
11. ALL RAINWATER PIPEWORK TO BE THERMALLY INSULATED TO AVOID CONDENSATION ISSUES.
12. THE ABOVE GROUND FOUL DRAINAGE IS SUBJECT TO BUILDING REGULATION APPROVAL BY LOCAL BUILDING CONTROL OFFICERS.
13. THE ABOVE GROUND FOUL DRAINAGE INSTALLATION SHALL COMPLY WITH BS EN 12056:2:2000.
14. THE ABOVE GROUND FOUL DRAINAGE INSTALLATION SHALL BE TESTED IN ACCORDANCE WITH BS EN 12056:2:2000, SECTION NG3.
15. DRAWING IS TO BE READ IN CONJUNCTION WITH THE ABOVE GROUND DRAINAGE SCHEMATICS.

ABOVE GROUND DRAINAGE LEGEND

RTA	RISE TO ABOVE
RFB	RISE FROM BELOW
CV	CEILING VOID
HL	HIGH LEVEL
LL	LOW LEVEL
DFA	DROP FROM ABOVE
DTB	DROP TO BELOW
DTLL	DROP TO LOW LEVEL
AD/AC	ACCESS DOOR/CAP
FC/FS	FIRE COLLAR/SLEEVE
CID	HILTI CAST-IN-DEVICE
WHB	WASH HAND BASIN
WC	WC PAN
SH	SHOWER
SG	SHOWER FLOOR GULLY
BH	BATH
FG	FLOOR GULLY
AAAV	AUTO AIR ADMITTANCE VALVE

SS --	STUB STACK REF
SVP --	SOIL VENT PIPE REF
WVP --	WASTE VENT PIPE REF
SWVP --	WASTE VENT PIPE STUB STACK
FWH --	FOUL WATER HEADER REF
FWCP --	BELOW GROUND FOUL WATER COLLECTION POINT
RWO --	RAINWATER OUTLET REF
RWP --	RAINWATER PIPE RISER REF
RWH --	RAINWATER HEADER REF
RWCP --	BELOW GROUND RAINWATER COLLECTION POINT

CONNECTION SIZES

WC	- 110Ø	SHOWER	- 40Ø
SINK	- 40Ø	WHB	- 40Ø

SIZES APPLY UNLESS OTHERWISE STATED

110Ø P.A.P.A.
(POSITIVE AIR PRESSURE ATTENTUATOR).
REFER TO SCHEMATIC FOR LOCATIONS

PIPEWORK WITH COLOUR FILL TO BE ACOUSTICALLY INSULATED IN LINE WITH M&E SPECIFICATION.

SG+CPTSG — SHOWER FLOOR GULLY WITH McALPINE CONVERSION COVER PLATE BLANKED FOR FUTURE USE. REFER TO SCHEMATC.

XXXX — INVERT LEVEL MARKER, TAKEN FROM SSL TO U/S OF PIPEWORK (UNLESS NOTED OTHERWISE)

Rev	Amendment	Checked & Date	Approved & Date
C02	REVISED TO SUIT LEVEL 25 AND ROOF CO-ORDINATION.	AJ 18/09/2023	AJ 18/09/2023
C01	ISSUED FOR CONSTRUCTION.	AP 12/08/2022	AP 12/08/2022

H|E|Simm
ENGINEERING EXCELLENCE

HEAD OFFICE
Suites 5 & 6 Spinnaker House
141 Sefton Street
Liverpool L8 5SN
Tel: 0151 707 3222
Email: info@hesimm.co.uk
hesimm.co.uk

Project Name:
First Street Manchester Block A & B
Sheet Title:
ROOF LEVEL
ABOVE GROUND DRAINAGE LAYOUT

Scale (@ A1): As indicated
Drawn: SR
RIBA Stage: 5 - Construction
Status: A5
Document Number: 0250-HES-ZB-RF-DR-P-52001
Revision: C02

Authorized and accepted