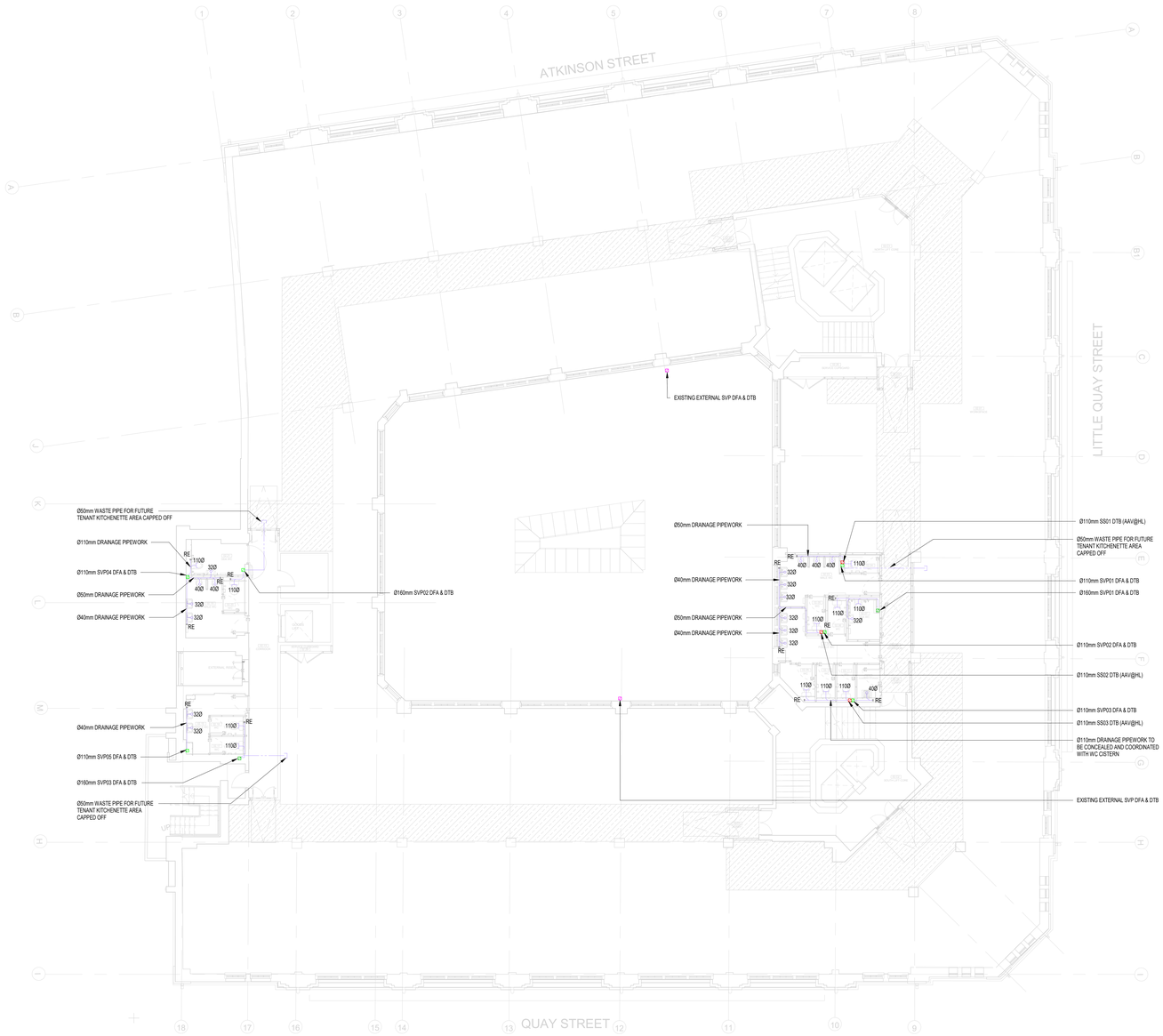
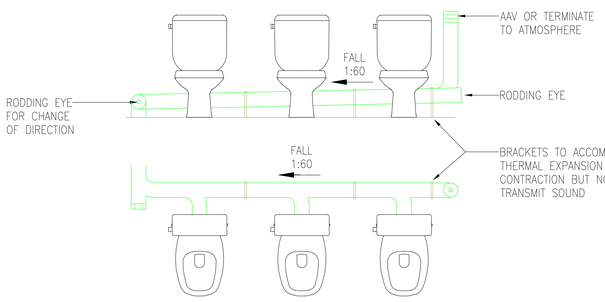
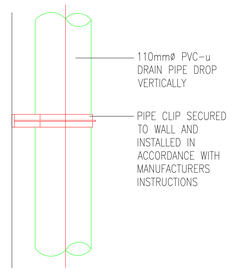



## 1 MECHANICAL SERVICES ABOVE GROUND DRAINAGE LAYOUT LEVEL 02

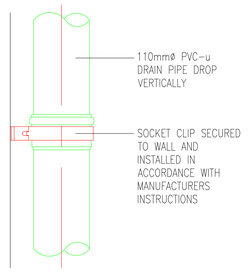
1 : 100



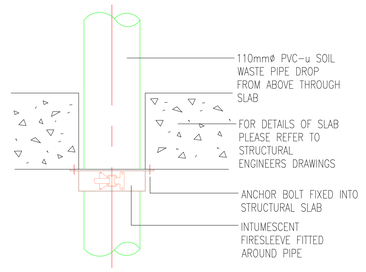

TYPICAL INSTALLATION OF WC'S TO PREVENT SIPHONAGE
(NOT TO SCALE)



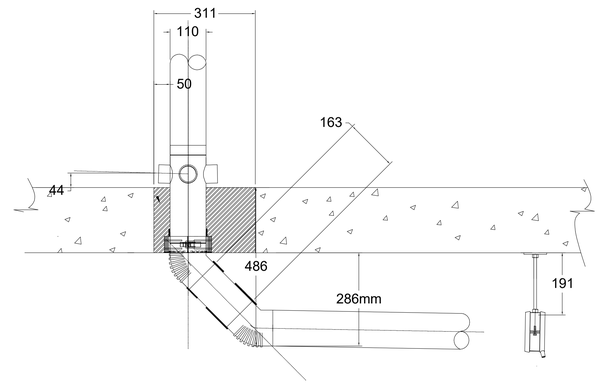

TYPICAL FIXING DETAIL – INTERMEDIATE PIPE CLIP



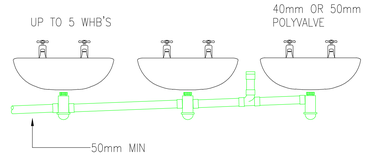

TYPICAL FIXING DETAIL – SOCKET PIPE CLIP




TYPICAL DETAIL FOR DRAIN PIPE PENETRATION THROUGH FIRE COMPARTMENT




TYPICAL DETAIL OFFSET




TYPICAL INSTALLATION OF WHB'S TO PREVENT SIPHONAGE
(NOT TO SCALE)

ARCHITECTURE IS BASED ON ANOMALY DESIGN ARCHITECTS DRAWING NO: SUH-ANO-PO-02-DR-A-05102 (C01) LEVEL 02 PLAN
RECEIVED 29.08.2024

THIS DRAWING IS FOR INFORMATION ONLY DO NOT SCALE

CDM REGULATIONS

| HAZARDS | DATE NOTED | DATE MITIGATED | RISK ASSESSMENT DATE |
|---|---|---|---|
| | | | |

LEGEND:

- RE |○— RODDING EYE
- HIGH LEVEL PIPE
- LOW LEVEL PIPE
- BELOW GROUND PIPE
- CONDENSATE PIPEWORK
- SVP SOIL VENT PIPE
- SOIL VENT PIPE (PROPSED)
- STUB STACK
- SOIL VENT PIPE (EXISTING)
- FG FLOOR GULLY
- FG EXISTING FLOOR GULLY
- DRAIN PUMP
- AP ACCESS PANEL

DRAINAGE NOTES:

1. DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATIONS.
2. REPORT ANY DISCREPANCIES TO THE DRAWING ORGINATOR IMMEDIATELY.
3. ALL DIMS ARE IN MM UNLESS STATED OTHERWISE.
4. SANITATION PIPEWORK MUST COMPLY WITH BUILDING REGULATIONS PART H.
5. DRAINAGE SERVICES SHALL COMPLY WITH BS EN 12056 (SYSTEM III)
6. ALL HORIZONTAL WASTE PIPES TO HAVE 1:40 GRADIENT WHERE FEASIBLE.
7. PIPEWORK MUST BE SUPPORTED IN LINE WITH MANUFACTURERS RECOMMENDATIONS.
8. ALL PIPEWORK TO BE SOLVENT WELD. PUSH FIT TO FINAL APPLIANCE ONLY FOR EASY MAINTENANCE.
9. INSTALLATION TO ALLOW FOR EXPANSION WITH SLIP JOINTS TO SUIT.
10. ACCESS/RODDING POINTS SHALL BE FITTED AT EACH FLOOR LEVEL, AT THE END OF HORIZONTAL BRANCHES, ALL CHANGES IN DIRECTION & EVERY 12M ON STRAIGHT SECTIONS.
11. WC MANIFOLDS SHALL HAVE VENTED UPSTAND RODDING POINTS ABOVE LEVEL OF CISTERN.
12. ALL NEW VENT PIPE TERMINATIONS TO ATMOSPHEREPHERE SHALL BE AGREED WITH THE ARCHITECT.
13. ALL ROOF PENETRATIONS SHALL BE WEATHERED IN ACCORDANCE WITH THE ROOF SPECIALISTS REQUIREMENTS.
14. ALL BASINS/SINKS CONNECTING TO A RUN WHICH DOES NOT CONNECT TO A VENT PIPE MUST USE ANTI-SYPHON TRAPS.
15. PLASTIC PIPES PENETRATING A FIRE COMPARTMENT (REFER TO FIRE STRATEGY DRAWINGS), 50MM AND ABOVE SHALL BE FITTED WITH A SUITABLY INSTALLED FIRE COLLAR.
16. ALL BENDS TO BE LONG RADIUS SWEPT BENDS. IDEALLY USING 135° ENDS TO FORM A BEND. USE OF 90° ELBOWS ARE NOT ACCEPTABLE.
17. ALL DRAINAGE PIPEWORK PASSING THROUGH NOISE SENSITIVE SPACES SHALL BE ACOUSTICALLY LAGGED.
18. ALL EXPOSED DRAINAGE PIPES TO BE WHITE IN COLOUR.
19. HEP20 WATERLESS TRAPS SHALL BE INSTALLED ON CONDENSATE PIPE CONNECTIONS.
20. ALL FLOOR GULLEY'S SHALL BE PROVIDED AS PART OF THE UNDERGROUND DRAINAGE PACKAGE. LOCATIONS SHOWN FOR INFORMATION ONLY.
21. KITCHENETTE AREA TERMINATION POINTS TO BE AGREED WITH CONTRACTOR.

| REV | DATE | AMENDMENTS | BY | CKD |
|---|---|---|---|---|
| P03 | 27.08.24 | ALL EXISTING STACKS REPLACED WITH NEW. DRAINAGE ROUTES THROUGH LG4 & LG5 RATIONALISED. | DB | SH |
| P02 | 27.06.24 | DRAINAGE PIPES ROUTED IN PARTITIONS AS REQUESTED AND MAIN EXISTING STACKS DETAILED AT 6" | DB | SH |
| P01 | 13.06.24 | ISSUED FOR COMMENT & APPROVAL | DB | SH |

**FOR COMMENT & APPROVAL**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CLIENT
**G&H BUILDING SERVICES**

PROJECT
**SUNLIGHT HOUSE**
**LITTLE QUAY STREET**
**MANCHESTER M3 3HP**

TITLE
**MECHANICAL SERVICES ABOVE GROUND DRAINAGE LAYOUT LEVEL 02**

| | |
|---|---|
| SCALE @ A1: 1:100 | CSD REF: CSD 1298 |
| DRAWN: MW | ENGINEER: DB |
| STARTED: JUNE 24 | ISSUED: AUGUST 24 |
| CHECKED: DB | APPROVED: BW |

DRAWING NO: **1298-CSD-XX-02-DR-M-5203** REV: **P03**

Project-Originator-Volume-Level-Type-Discipline-DrawingNumber


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