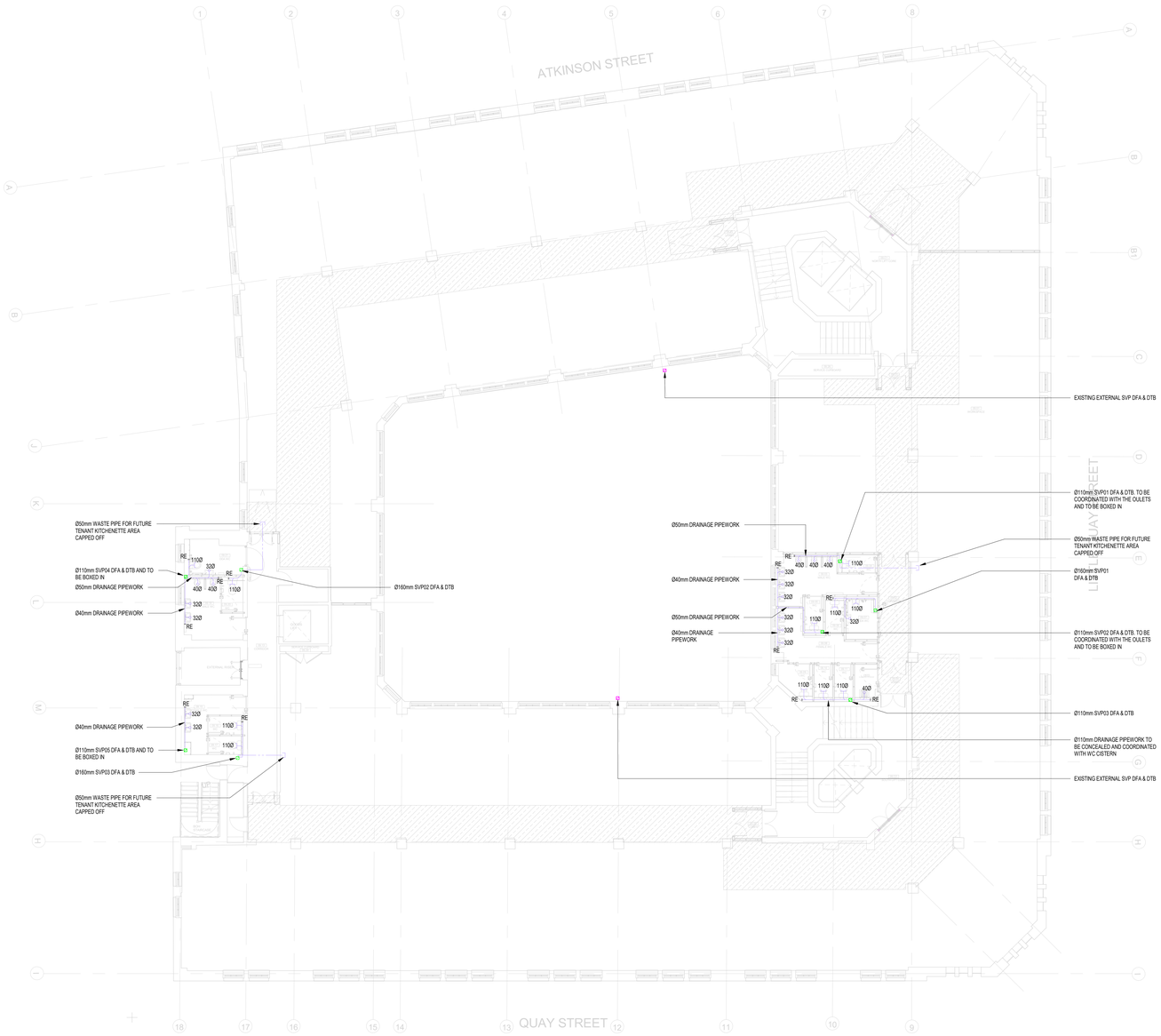
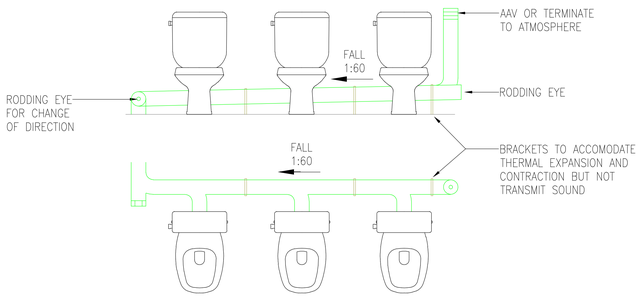
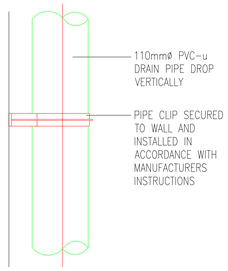


1 MECHANICAL SERVICES ABOVE GROUND DRAINAGE LAYOUT LEVEL 09

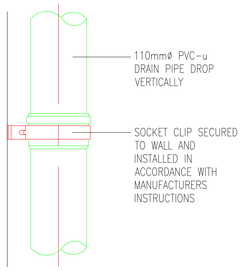
1 : 100



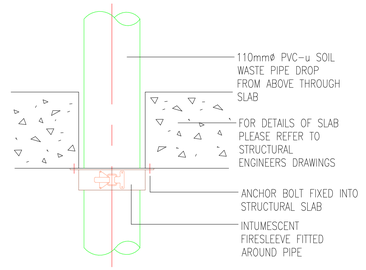
TYPICAL INSTALLATION OF WC'S TO PREVENT SIPHONAGE
(NOT TO SCALE)



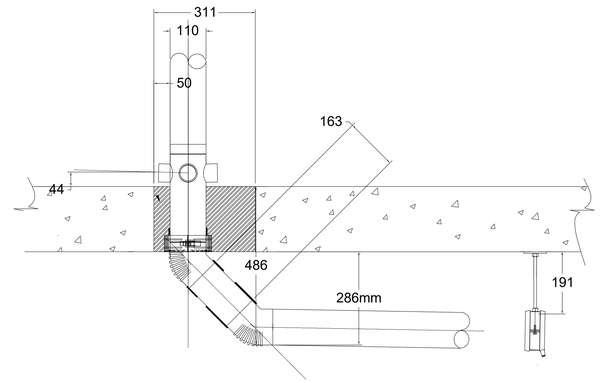
TYPICAL FIXING DETAIL – INTERMEDIATE PIPE CLIP



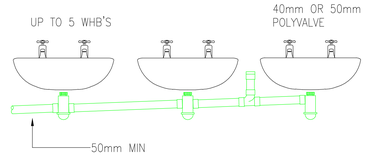
TYPICAL FIXING DETAIL – SOCKET PIPE CLIP



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. SLH-ANO-PO-09-DR-A-05109 (C01) LEVEL 09 PLAN
REDUCED SCALE

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 L04 & L05 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

Commercial Services Design Ltd
Unit 5
Woodside Court
Clayton Wood Rise
Leeds
LS10 1GS
Tel: 0113 3223190
Web: www.csdesign.uk.com

CLIENT
G&H BUILDING SERVICES

PROJECT
SUNLIGHT HOUSE
LITTLE QUAY STREET
MANCHESTER M3 3HP

TITLE
MECHANICAL SERVICES ABOVE GROUND DRAINAGE LAYOUT LEVEL 09

SCALE @ A0	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-09-DR-M-5210** REV. **P03**

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

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