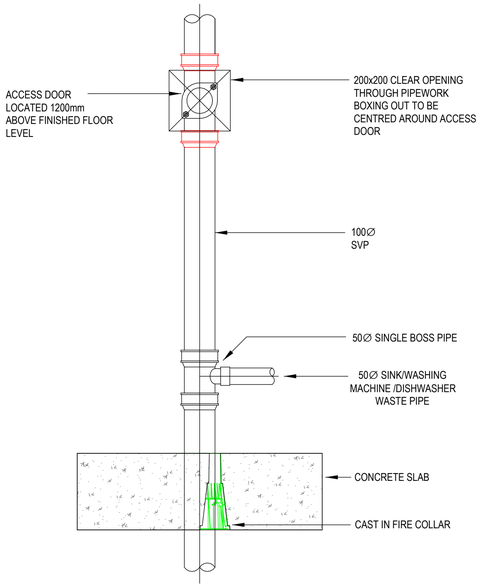
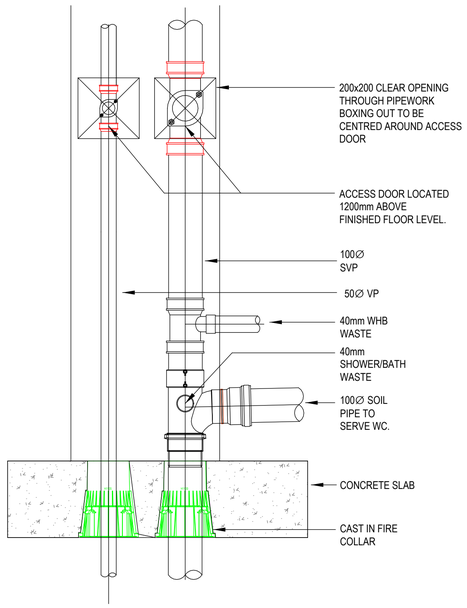
A1

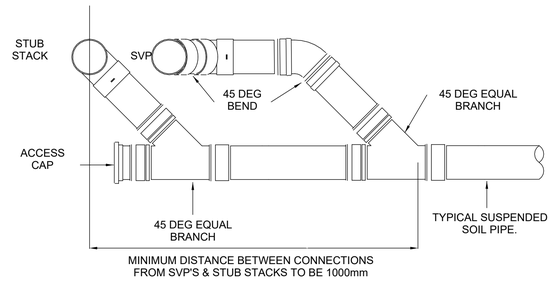
10cm SCALE WITH CAUTION use both scale bars to check for reduction or distortion



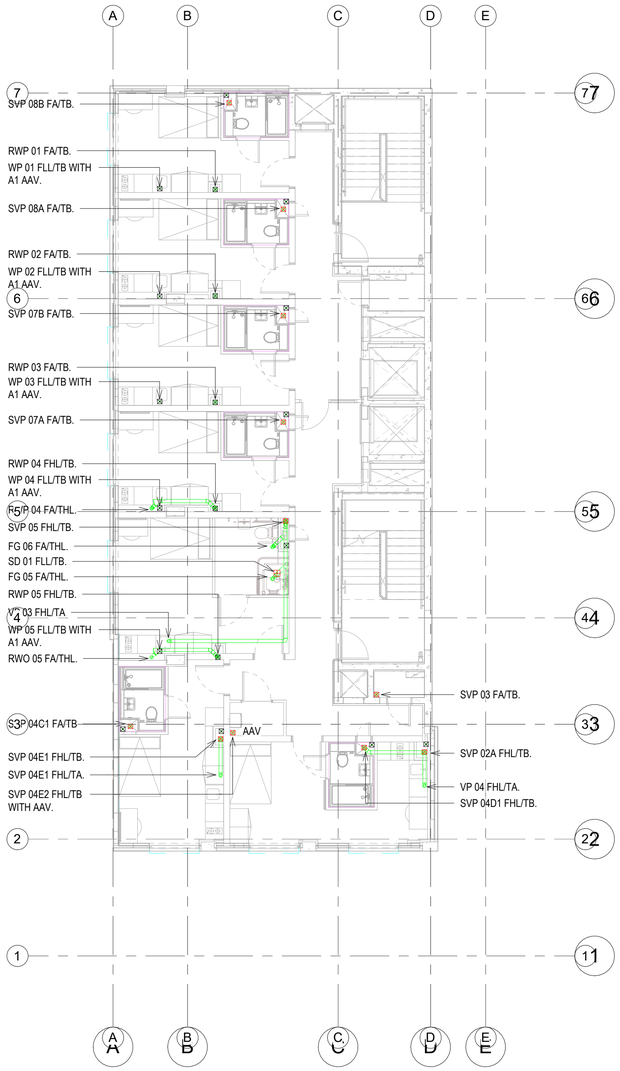
TYPICAL RESIDENTIAL KITCHEN ARRANGEMENT



TYPICAL RESIDENTIAL BATHROOM ARRANGEMENT



TYPICAL SUB & SOIL STACK PLAN WITHIN CEILING VOID BELOW SCALE 1:10



GENERAL NOTES

1. DO NOT SCALE FROM THIS DRAWING
2. POSITIONS OF ALL FITTINGS ARE INDICATIVE ONLY
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT SPECIFICATIONS
4. THIS DRAWING REPRESENTS STAGE 3 MECHANICAL SERVICES DESIGN. REQUIRES DESIGN DEVELOPMENT BY THE DESIGN & BUILD CONTRACTOR TO MEET THE PERFORMANCE REQUIREMENTS.

SPECIFIC NOTES

1. FIRE COLLARS TO BE PROVIDED WHERE ALL NEW SOIL & WASTE PIPEWORK 50mm & ABOVE PENETRATES FIRE COMPARTMENT WALLS/FLOOR SLAB.
2. EACH APPLIANCE SHALL BE PROVIDED WITH ANTI-VACUUM TYPE DEEP SEAL BOTTLE TRAPS.
3. WHERE AIR ADMITTANCE VALVES ARE INDICATED THEY SHALL BE INSTALLED ABOVE THE APPLIANCE SPILL OVER LEVEL.
4. ALL ABOVE GROUND DRAINAGE SHALL COMPLY WITH THE REQUIREMENTS OF BS EN 12056 AND BUILDING REGULATIONS APPROVED DOCUMENT PART H.
5. ALL DRAINAGE PIPEWORK PASSING THROUGH NOISE SENSITIVE AREAS SHALL BE ACOUSTICALLY SEALED, INSULATED TO ENSURE THE ROOM ACOUSTIC PERFORMANCE IS NOT COMPROMISED.
6. ALL HIGH LEVEL DRAINAGE PIPEWORK SHALL BE LAID AT A MINIMUM FALL IN ACCORDANCE WITH BS EN 12056 AND BUILDING REGULATIONS.
7. RODDING EYES SHALL BE PROVIDED AT CHANGES OF DIRECTION ON ALL WASTE PIPE & SHALL BE FULLY ACCESSIBLE FOR MAINTENANCE PURPOSES.
8. ALL SVP STACKS WHICH DISCHARGE AT ROOF LEVEL WILL TERMINATE TO ATMOSPHERE (500MM NOMINAL) ABOVE FINISHED ROOF LEVEL WITH COWL / BALLOON / CAGE TERMINAL.
9. REFER TO ARCHITECTS DRAWINGS FOR LOCATIONS OF FIRE WALLS FOR FIRE COLLARS THROUGH WALLS.
10. REFER TO ARCHITECTS SANITARY DETAILS FOR APPLIANCE CONNECTIONS.
11. CONDENSATE FROM AIR CONDITIONING UNITS SHALL BE INSTALLED IN UPVC & CONNECT TO THE DRAINAGE SYSTEM VIA A INLINE HEPVO TYPE TRAP.
12. ALL RAIN WATER OUTLET POSITION AND FLOWRATES TBC BY ARCHITECT.
13. ACOUSTIC INSULATION SHALL BE APPLIED TO DRAINAGE AND RWP STACKS AND HORIZONTAL RUNS IN ALL NOISE SENSITIVE AREAS TO COMPLY WITH THE ACOUSTIC REPORT AND RELEVANT SPECIFICATION.

Rev	Description	DRN	CHK	Date
P4	PRELIMINARY ISSUE	NH	NH	26/04/22
P3	PRELIMINARY ISSUE	NH	NH	25/06/16
P2	PRELIMINARY ISSUE	NH	NH	25/05/26
P1	PRELIMINARY ISSUE	NH	NH	25/04/25

Source References
Architect -
Structural -
Architect

simpsonhaugh

Client

JADEBRICKS
TRUE STUDENT

PRELIMINARY

FUTURESERV
DESIGN ENGINEER SUSTAIN
WWW.FUTURESERV.CO.UK

10 Oxford Court - Manchester - M2 3WQ
☎ +44 (0)161 827 1760 ✉ enquiries@futureserv.co.uk 🖳 www.futureserv.co.uk

Project Title

CHARLES STREET
MANCHESTER

Drawing Title

PUBLIC HEALTH SERVICES
FOURTEENTH FLOOR
ABOVE GROUND DRAINAGE
LAYOUT

Project No	P7818	Status	
Drawn & Checked by	NH		
Reviewed by	NH		
Date Drawn	04/24/25		
Scale	As indicated @ A1		

Drawing No. 10489-FUT-Z1-P-G581-PL-14-001
Rev. P4