



Appliances	Dia mm	Min. trap seal depth mm	Max. length of pipe m	Pipe gradient %	Max. bends No.	Max. drop (H) m
Washbasin or bidet	32	75	1.7	2.2	0	0
Washbasin or bidet	40	75	3.0	1.8 to 4.4	2	0
Bath or shower	40	50	No limit	1.8 to 9.0	No limit	1.5
Bowl urinal	40	50	3.0	1.8 to 9.0	No limit	1.5
Trough urinal	50	75	3.0	1.8 to 9.0	No limit	1.5
Kitchen sink	40	75	No limit	1.8 to 9.0	No limit	1.5
Dishwasher or washing machine	40	75	3.0	1.8 to 4.4	No limit	1.5
WC	110	50	No limit	1.8 Min	No limit	1.5

The maximum lengths given above may be increased where the branch pipe is ventilated or an air admittance valve is used. For further details refer to the above standard.

TABLE A

PROPOSED FOUL WATER PLUMBING LAYOUT PLAN
SCALE 1:50

GENERAL INFORMATION

SOIL & WASTE SYSTEMS

Material Small diameter 32, 40 and 50mm waste pipes and fittings are manufactured from Modified unplasticised polyvinyl chloride (MPVCu). Large diameter 110mm soil pipe and fittings are manufactured from Unplasticised polyvinyl chloride (PVCu).

British Standards
BS4514:1983, 'Specification for Soil & Ventilating Pipes and Fittings'.
BS5255:1989, 'Specification for Waste Pipes and Fittings'.
BS5627:1984, 'Specification for Plastic W.C. Connectors'.
BS3943:1979, 'Specification for Plastic Waste Traps'.

British Board of Agreement
B.B.A. Certificate No.86/1785 issued in November 1986 verified the performance of Marley Soil and Waste systems in a series of fire tests carried out by the Fire Insurers Research and Testing Organisation (F.I.R.T.O.).

Marley Fire Protection range of sleeves and pipe wraps are fully tested to BS476: Part 20:1987 and provide up to 4 hour fire resistance.

Installation
Soil pipe work system to be installed in accordance with BS EN 12056-2:2000 and the manufacturers' recommended instructions as detailed in their product literature.

DRAINAGE
Waste pipes to be as follows:-
MIN BORE **BRANCH**

LENGTH **GRADIENT**
TO DETAIL SHOWN IN TABLE A

At roof level, SVP to project a min. 300mm above roof level and a min. 900mm above all opening windows within 3000mm radius. Stacks terminated with bird-proof cowl. All drains to be accessible for rodding and internal drains

to have accesses at all bends and stack bases with adequate falls running within floor space. Enclosure to SVP finished with two layer plasterboard (mini density 15kg/m²) and 25mm insulation quilt to comply with Mandatory Standard 3.6 of Building Regulations. All drains minimum 1 in 60 falls, tested.

Central heating engineer to establish run of pipes for radiators and associated works. Sedbuk rating of boiler minimum 92%. New radiators must have TRV controls. Insulation to all new hot water & heating pipe work TO BS 5422:2009. Ensure that any supply pipework outwith the insulated fabric is also insulated. Knauf Crown Pipe insulation to match Ø of pipe being insulated as stated by manufacturers recommendations

NOTES FOR WASTE AND FOUL WATER

- See electrical drawings for specification of fan required.
- Existing drainage system vented by existing external SVP at head of drain.
- Waste pipes should have supports at maximum horizontal centres of 0.5m and maximum vertical supports of 1.2m.
- Knauf Crown Pipe insulation to match Ø of pipe being insulated as stated by manufacturers recommendations. Providing acoustic insulation for effective noise control. Particular care taken in sealing joints and avoiding bridging is required.
- 40mm Ø UPVC drain for Kitchen Sink connected into existing external RWP - see photo for existing arrangement

This is to certify that this drawing is the/a principle/true copy of the plans referred to in our application.

SIGNED: [Redacted]
DATED: 09/12/2023

PURPOSE:
PLANNING APPLICATION

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Project: KENNETH JOHNSTON. FLAT 2/2. 115, BUCCLEUCH STREET. GLASGOW. G3 6QN.
Dwg. No. 6A
CONVERSION OF KITCHEN TO BEDROOM AND CREATION OF COMBINED KITCHEN / LOUNGE FOUL WATER PLUMBING
Date: 09/12/2023. Scale: AS STATED
Path name: F:\Projects\231203 - Kenny Johnston\Drawings\
Drawing No: Master Drawing - Warrant LG1.dwg

NOTE THESE DRAWINGS ARE FOR STATUTORY CONSENTS ONLY CONTRACTOR HAS TO SATISFY THEMSELVES OF ALL SITE DIMENSIONS