

110

160

Min

3.2

Max

3.5

Average Weight (Kg/m)

1.64

110

160

Min

3.2

Max

3.5

Average Weight (Kg/m)

2.44

THE SOIL PIPE 'WAVIN SOIL' SHALL BE STRUCTURE WALL CONSTRUCTION MANUFACTURED IN ACCORDANCE WITH EN1453-1:2000, AND COMPRISING PVC-U SMOOTH INTERNAL AND EXTERNAL LAYERS WITH 50% RECYCLED PVC-U CORE.

THE SOIL PIPE 'WAVIN SOIL' SHALL HAVE THE FOLLOWING DIMENSIONS:

Nominal Diameter (mm)	Wall Thickness (mm)	Average Weight (Kg/m)
	Min	Max
110	3.2	3.5
160	3.2	3.5

THE SOIL PIPE 'WAVIN SOIL' SHALL BE EITHER PLAIN ENDED SOLVENT WELD SYSTEM OR HAVE A SINGLE SOCKET COMPLETE WITH A FIXED RING-SEAL SYSTEM.

THE SOIL PIPE 'WAVIN SOIL' SHALL BEAR A QUALITY MARK DESIGNATION SUCH AS THE KITEMARK OR EQUIVALENT, WITH ACCOMPANYING CERTIFICATION DEMONSTRATING THIRD PARTY INDEPENDENT CONFORMANCE TO EN1453-1:2000.

THE ACCOMPANYING SOIL FITTINGS 'WAVIN SOIL FITTINGS' SHALL BE PVC-U SOLID WALL CONSTRUCTION MANUFACTURED IN ACCORDANCE WITH BS EN1329-1:2000.

THE SOIL FITTINGS 'WAVIN SOIL FITTINGS' SHALL BE COMPATIBLE FOR USE WITH 'WAVIN SOIL' IN EITHER SOLVENT WELD OR FIXED RING SEAL SYSTEM IN NOMINAL DIAMETERS 110MM AND 160MM.

THE SOIL FITTINGS 'WAVIN SOIL FITTINGS' SHALL HAVE BOSSED CONNECTORS FOR 50MM WASTE PIPE AND ADAPTORS FOR 32MM AND 40MM RESPECTIVELY, WITH KEYWAY TO ENSURE FALL IN WASTE PIPE AND INCLUDE 6 BOSSED MANIFOLD FITTING.

THE SOIL PIPE FITTINGS 'WAVIN SOIL FITTINGS' SHALL BEAR A QUALITY MARK DESIGNATION SUCH AS THE KITEMARK OR EQUIVALENT, WITH ACCOMPANYING CERTIFICATION DEMONSTRATING THIRD PARTY INDEPENDENT CONFORMANCE TO BS EN1329-1:2000.

THE SOIL PIPE AND FITTINGS SYSTEM 'WAVIN SOIL' SHALL BE COLOUR BLACK / GREY / WHITE AND MANUFACTURED IN ACCORDANCE WITH QUALITY MANAGEMENT SYSTEM IS EN ISO 9001:2008 AND ENVIRONMENTAL QUALITY SYSTEM IS EN ISO14001:2004.

General notes:

This drawing to be read in conjunction with all relevant architectural drawings and specifications.

This drawing to be read in conjunction with all relevant structural drawings and specifications.

This drawing to be read in conjunction with all relevant mechanical and electrical drawings and specifications.

All dimensions in millimeters, do not scale from this drawing, only use figured dimensions only.

Contractor must verify all dimensions on site prior to installation of services and production of working drawings.

Standard notes:

1. All waste pipes from WHB's to be 32mm & c/w matching u traps and piping accessories.

2. All waste pipes from Sink's to be 38mm & c/w matching u traps and piping accessories.

3. All soil pipes from WC's to be 100mm & c/w piping accessories.

4. All bends & changes in direction to be complete with cleaning eyes (CE). All bends to be the easy sweep type. All cleaning eyes (CE) to be accessible for maintenance.

5. Contractor to refer to Architect and Structural Engineers drawings for details of all below ground drainage details, this drawing only indicates above ground drainage.

Ground Floor

First Floor

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Legend:

SYMBOL	DESCRIPTION
—	PIPEWORK IN FLOOR VOID
—	PIPEWORK AT LOW LEVEL
—	PIPEWORK AT HIGH LEVEL
—	PIPEWORK IN CEILING VOID
•••••	CLEANING EYE
⊙	FIRE COLLAR
CTBU	CONNECT TO BUILDERS UPSTAND
SVP	SOIL & VENT PIPE
DTLL	DROP TO LOW LEVEL
FG	FLOOR GULLEY
RTHL	RISE TO HIGH LEVEL
RIFD	RUN IN FLOOR DUCT/VOID
TA	TO ABOVE
TB	TO BELOW
FA	FROM ABOVE
FB	FROM BELOW
CT	CONNECT TO
OF	OVER FLOW
RT	RUNNING TRAP

C02

For Tender

13/07/2026

C01

For Tender

30/06/2026

Rev

Description

Date

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Client:

Corlann Ireland
Kilcoman House, Galway

Architect:

Ian Sheehy
Askeaton Limerick

Project:

Proposed Extension to Offices
Gort Road

Drawing:

Mechanical Installation
Soils & Waste Services
Ground & First Floor

MFC Project Reference |

26.3142

Scale |

1:100 A1

Drawn |

GJA

Checked |

TK

Approved |

JM

Drawing Reference:

Status: Rev:

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