YW Ref: H-3-264-664

INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE.
ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.

FOUL WATER DEMARCATION CHAMBER SCHEDULE

Chamber	Easting	Northing	Cover Level	Invert Level	Depth to Soffit	Depth to Invert	Chamber Type	Pipe Length	Pipe Diameter	Pipe Material	Pipe Manufacturer	Chamber Diameter	Chamber Material	Chamber Manufacturer	Cover	Dia	Gradient	IL at Manhole
DF05	435145.090	404820.469	147.55	145.78	1.62	1.77	H	7.9	150	VC	See table below	450	See table below	See table below	B125	450	10	144.99
DF11	435191.071	404832.716	144.85	143.15	1.55	1.70	H	6.1	150	VC		450			B125	450	10	142.55
DF16	435245.780	404845.567	141.25	139.80	1.30	1.45	H	7.5	150	VC		450			B125	450	10	139.06
DF17	435293.939	404867.069	138.10	135.75	2.20	2.35	B	2.6	150	VC		450			B125	450	10	135.49
DF23	435238.866	404857.160	141.25	139.75	1.35	1.50	H	7.0	150	VC		450			B125	450	10	139.06
DF31	435187.633	404843.467	144.75	143.10	1.50	1.65	H	5.4	150	VC		450			B125	450	10	142.55
DF39	435140.704	404832.464	147.55	145.66	1.74	1.89	H	6.7	150	VC		450			B125	450	10	144.99

SURFACE WATER DEMARCATION CHAMBER SCHEDULE

Chamber	Easting	Northing	Cover Level	Invert Level	Depth to Soffit	Depth to Invert	Chamber Type	Pipe Length	Pipe Diameter	Pipe Material	Pipe Manufacturer	Chamber Diameter	Chamber Material	Chamber Manufacturer	Cover	Dia	Gradient	IL at Manhole
DS02	435107.201	404813.123	148.45	147.70	0.60	0.75	G	4.7	150	VC	See table below	450	See table below	See table below	B125	450	11	147.28
DS08	435168.626	404827.127	146.25	144.90	1.20	1.35	G	5.0	150	VC		450			B125	450	12	144.50
DS16	435244.632	404845.990	141.50	140.25	1.10	1.25	G	5.5	150	VC		450			B125	450	16	139.90
DS18	435288.343	404865.607	138.45	136.35	1.95	2.10	H	3.4	150	VC		450			B125	450	34	136.25
DS23	435239.191	404856.288	141.25	139.97	1.13	1.28	G	6.3	150	VC		450			B125	450	90	139.90
DS35	435164.338	404837.512	146.05	144.90	1.00	1.15	G	6.7	150	VC		450			B125	450	17	144.50

ALLOWABLE DEMARCATION CHAMBER MANUFACTURERS

Manufacturer	Product Name	Material	Max Depth	Cover Type
Naylor	Plastic Inspection Chamber	Polypropylene	Up to 1200mm	Class B125
Hepworth	PPIC	Polypropylene	Up to 1200mm	Class B125
Uponor	Inspection Chamber (450mmØ)	Polypropylene	Up to 1200mm	Class B125
Marshalls	Inspection Chamber to BS5911 pt 2	PCC	Up to 1000mm	Class B125
Wavin	Osma UltraRib Inspection Chamber	Polypropylene	Up to 1200mm	Class B125
Wavin	OsmaDrain Universal Inspection Chamber	Polypropylene	Up to 1200mm	Class B125
Marley	Inspection Chamber (450mmØ)	Polypropylene	Up to 1200mm	Class B125
Polypipe	110mm Inspection Chamber (460mmØ)	Polypropylene	Up to 1200mm	Class B125

All lateral pipes to have a class S bed and surround as detailed, and the trench backfilled with Type B excavated material in landscaped areas and Type 1 granular material elsewhere.

MINIMUM LATERAL GRADIENTS

Diameter (mm)	Gradient	
	Foul	SW
100Ø	1:40	1:100
150Ø	1:80	1:150
225Ø	1:125	1:225

ALLOWABLE LATERAL PIPE MANUFACTURERS

Product Name	Diameter (mm)	Manufacturer	Material
SuperSleve	100 & 150 (ID)	Hepworth	Vitrified Clay
SuperSeal	150 & 225 (ID)	Hepworth	Vitrified Clay
Densleeve	100, 150 & 225 (ID)	Naylor	Vitrified Clay
Denseal	100, 150 & 225 (ID)	Naylor	Vitrified Clay
Ultra-Drain	110 & 160 (OD)	Uponor	uPVC
Plastidrain	110 & 160 (OD)	Hepworth	uPVC
OsmaDrain	110 & 160 (OD)	Wavin	uPVC
Osma UltraRib	150 & 225 (ID)	Wavin	uPVC
Solid Wall	110 & 160 (OD)	Marley	uPVC
Quantum	150 & 225 (ID)	Marley	uPVC
Underground Drain	110 & 160 (OD)	Polypipe	uPVC
Ridgisewer	150 & 225 (ID)	Polypipe	uPVC

REV	DESCRIPTION	SIG	CHK	DATE
B	Revised to suit latest site layout & amended sewer levels. YW ref added.	PWAH	CH	18.06.2021
A	First Issue.			

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DUCHY HOMES

MOUNT VERNON, WORSBOROUGH

DEMARCATION CHAMBER SCHEDULE

SCALE WHEN PLOTTED AT A3	DRAWING STATUS
NTS	PRELIMINARY

DRAWN	CHECKED	DATE	DRAWING NUMBER	REV
JB	CH	21.04.21	45521/125	B