

GROUP D3 - DRAINS AND SEWERS UNDER FIELDS AND GARDENS

Concrete Pipes to BS 5911

PIPE DIA (mm)	TYPE B BED		TYPE A BED	
	COVER (METRES)	CLASS OF PIPE	COVER (METRES)	CLASS OF PIPE
150	0.6 - 6.0	L	0.6 - 6.0	L
225	0.6 - 4.2	L	0.6 - 6.0	L
	4.2 - 6.0	M		
300	0.6 - 3.1	L	0.6 - 4.4	L
	3.1 - 3.6	M	4.4 - 6.0	M
	3.6 - 4.5	H		
375	0.6 - 2.5	L	0.6 - 3.7	L
	2.5 - 3.1	M	3.7 - 6.0	M
	3.1 - 5.7	H		
450	0.6 - 1.9	L	0.6 - 3.0	L
	1.9 - 4.1	M	3.0 - 6.0	M
	4.1 - 5.7	H		
525	0.6 - 4.8	M	0.6 - 2.4	L
	4.8 - 6.0	H	2.4 - 6.0	M
600	0.6 - 4.6	M	0.9 - 1.4	L
	4.6 - 6.0	H	0.6 - 6.0	M

Clay Pipes to BS 65:1991 & BS EN 295-1:2013

PIPE DIA (mm)	COVER (METRES)	TYPE OF BEDDING	CLASS OF PIPE
100	0.6 - 6.0	B	S
150	0.6 - 5.1	B	S
	5.1 - 5.6	A	S
	5.6 - 6.0	OR B	ES
A		S	
225	0.6 - 3.3	B	S
	3.3 - 4.7	A	S
	4.7 - 6.0	OR B	ES
A		ES	
300	0.6 - 2.6	B	S
	2.5 - 3.8	A	S
		OR B	ES
	3.8 - 4.4	B	ES
4.4 - 6.0	A	ES	
375	0.6 - 3.7	B	S
	3.7 - 4.1	A	S
		OR B	ES
	4.1 - 6.0	A	S
450	0.6 - 3.0	B	S
	3.0 - 4.2	A	S
		OR B	ES
	4.2 - 4.7	A	S
	4.7 - 6.0	A	ES

UPVC Pipes to BS EN 13598-1, BS EN 1401-1 or BS 3506 (excluding Class 0) see Notes 4 ,6 & 7

PIPE DIA (mm)	COVER (METRES)	TYPE OF BEDDING	CLASS OF PIPE
110	0.6 - 6.0	E	BS 4660
160	0.6 - 6.0	E	BS 4660
200	0.6 - 6.0	E	BS 4660
250	0.6 - 6.0	E	BS 5481
315	0.6 - 6.0	E	BS 5481
400	0.6 - 6.0	E	BS 5481
450	0.7 - 0.8 0.8 - 6.0	E	BS 3506
		E	C B
525	0.7 - 0.8 0.8 - 6.0	E	C
		E	B
600	0.7 - 0.8 0.8 - 6.0	E	C
		E	B

NOTES:

For Notes see Drg No SD/5/5.

Rev.	Description	Drawn	Ch'kd	Auth	Date



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Bilthorpe Depot, Bilthorpe Business Park, Bilthorpe, Nottinghamshire, NG22 8ST

Project		Highway Construction Details			Project	Drawn	Date
Status	Project No.	DRAINAGE			Ch'kd	JLS	10/06/2020
Drawing Title		Group D3 - Tables of Strengths and Depths			Auth	JJP	24/06/20
Drawing No.		SD/5/8			Rev.	0	Traced JLS Scale N.T.S@A4