

Notes

1. This drawing should be read in conjunction with drawing A1845-103 Proposed Drainage Layout and all relevant drawings (Architectural and Engineering).
2. Where outfalling directly into the pervious pavement permeable sub-base layer, outfall invert level to be no less than 50mm above base of permeable sub-base layer. Details of the permeable pavements are shown on Proposed Drainage Layout - SUDs drawings A1845-108, 110, 111 and 112.
3. Invert levels of catchpit chambers shown denote invert levels of the lowest pipe and do not include for catchpit sump depth.
4. This drawing illustrates storm schedule for drainage network discharging to Rain Water Harvesting System. For details of remaining storm infrastructure see drawing A1845-103 Proposed Drainage Layout.

STORM MANHOLE SCHEDULE											
Manhole Number	Cover Level (m)	MH Depth (m)	MH Ø (mm)	Pipe Out IL (m)	Pipe Out Ø (mm)	Pipe Out Length (m)	Pipe In IL (m)	Pipe In Ø (mm)	Pipe In Length (m)	Drop (mm)	Notes
RS24	32.850	0.470	450	32.380	225	12.885@1:225					Type D Manhole - See drawing A1845-104
RS23	32.850	0.528	450	32.322	225	48.420@1:225	32.322	225	12.885@1:225		Type D Manhole - See drawing A1845-104
RS22	32.850	0.743	450	32.107	225	1.000@1:225	32.107	225	48.420@1:225		Type D Manhole - See drawing A1845-104
RS21	32.850		Sump Filter	32.103	225	4.100@1:14.6	32.103	225	1.000@1:225		Rain Water Harvesting - Sump Filter - See M&E Spec
RS21	32.850	0.902	Sump Filter	31.948	150	2.000@1:150					
TANK	32.850	1.016	Tank	31.834	150	2.000@1:150	31.934	150	2.000@1:150		Rain Water Harvesting - Tank - See M&E Spec
RS20	32.850	1.029	1050	31.821	225	6.000@1:225	31.821	150	2.000@1:150		Catchpit Chamber - See drawing A1845-105/106
							31.822	225	4.100@1:14.6		Outfall To Permeable Pavement

*Please refer to Drawing Number A1845-103 for Proposed Drainage Layout.

CONSTRUCTION

Rev	Date	Description	Dwn	Ckd	App

Client Farrans (Construction) Ltd

Project Lake Farm Primary School

Drawing Proposed Drainage Schedule - Storm

Scale NTS

McADAM DESIGN

D E S I G N

McAdam Design Ltd

1c Montgomery House

47/8 Castlereagh Road

Belfast, BT5 6BQ

T 028 9040 2000

F 028 9079 4144

admin@mcadamdesign.co.uk

www.mcadamdesign.co.uk

Drawn	E.Abraham	Checked	P.Alcorn	Approved	M.McGulgan
Date	11/02/14	Date	11/02/14	Date	11/02/14

Project No		Drawing No		Revision	
A1845		116		-	

All dimensions are in millimetres. Figured dimensions to be taken in preference to scaled dimensions. Dimensions to be checked on site. © 2010 McAdam Design Ltd