

SUSTAINABLE DRAINAGE SCHEME VERIFICATION REPORT

Abraham Moss Library & Leisure Centre





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1.1.1 Groundworks and earthworks systems

System / Package Details	
Installer	EXPANDED STRUCTURES LTD
Work Package No	WP2100

1.1.1.1 System Description

An underground drainage system has been installed to deal with the waste water, pool discharge and surface water discharge needs for the facility.

Drainage and service ducting has been installed as per Engineers details.

Drainage includes manholes, gullies, internal linear drainage and gullies, external attenuation tanks with flow control units and petrol interceptor.

Ducting includes provision for power and data linked through a network of pits and ducts.

1.1.1.2 Equipment & Material Schedules

Link	Reference	Description	File Type	Company
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1.1.1.2.1 Generic Building

Classification: Pr_00_BLDG Generic Building

Data		
Manufactured By	Type Description	Model
ACO	ACO channels	MD system
BLUCHER UK LTD	Internal drainage (channels & Gullies)	Blucher gullies
GREENBLUE URBAN	Tree pits	GB System
KINGSPAN LIMITED	Petrol interceptor	NBS006
POLYPIPE CIVILS	Ducting	Rigiduct
POLYPIPE CIVILS	Underground drainage	Rigidrain, Polysewer
SCOTT PARNELL	Non return valve	WAPRO
SPEL PRODUCTS	Backwash tank	Tankstore
TUBOSIDER UK LTD	Attenuation tank	Twinstore

Spares						
Equipment	Description	Manufacturer	Part No	Size	Quantity	Notes
All equipment	N/A	N/A	N/A	N/A	N/A	N/A



COSHH	
Equipment	Value
All equipment	None identified

Disposal	
Equipment	Value
All equipment	None identified

Residual Risk	
Equipment	Value
All equipment	None identified

Equipment	Ref	Desc	Type	Company	Suitability	Status
ACO channels, MD system	1st May 2022	Drainage Channels	Catalogue	TUBOSIDER UK LTD	CR	---
Attenuation tank, Twinstore	None	Stormwater Attenuation Tanks	Data Sheet	TUBOSIDER UK LTD	CR	---
Backwash tank, Tankstore	06.20	Underground Tanks	Installation Manual	SPEL PRODUCTS	CR	---
Ducting, Rigiduct	MAR 2021	Chamber System	Data Sheet	POLYPIPE CIVILS	CR	---
Internal drainage (channels & Gullies), Blucher gullies	None	Filter Basket	Data Sheet	BLUCHER UK LTD	CR	---
Non return valve, WAPRO	None	Inline Check Valve	Data Sheet	WAPRO	CR	---
Petrol interceptor, NBS006	None	Surface Water And Rainwater Harvesting Products	Installation Manual	KINGSPAN LIMITED	CR	---
Tree pits, GB System	None	Pavement Support System	Data Sheet	GREENBLUE URBAN	CR	---



Underground drainage, Rigidrain, Polysewer	None	Gully Grates D400 Highway	Data Sheet	WREKIN	CR	---
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1.1.1.3 Operation

See Appendix A

1.1.1.4 Maintenance

1.1.1.4.1 Installer Recommended Maintenance

Maintenance		
Detail	Frequency	Notes
Inspections at 3 and 6 months should be made so as to be able to assess the volumes of silt and oil accumulated. An inspection and emptying programme can then be defined following the first 6 months site experience. We recommend a maximum inspection interval of 6 months. Inspections at 3 and 6 months should be made so as to be able to assess the volumes of silt and oil accumulated. An inspection and emptying programme can then be defined following the first 6 months site experience. We recommend a maximum inspection interval of 6 months.	3 Months	
Utility chambers, drainage chambers and channels should be visually inspected every 3 months. This should be recorded on a maintenance register	3 Months	
Drainage manholes, channels and pipes should be cleaned every 6 months. This should be recorded on a maintenance register. This frequency could be extended to 12 months if the first clean / inspection shows all components are clear and are being maintained / utilised correctly.	6 Months	

1.1.1.4.2 Manufacturers Recommended Maintenance

See Appendix A