

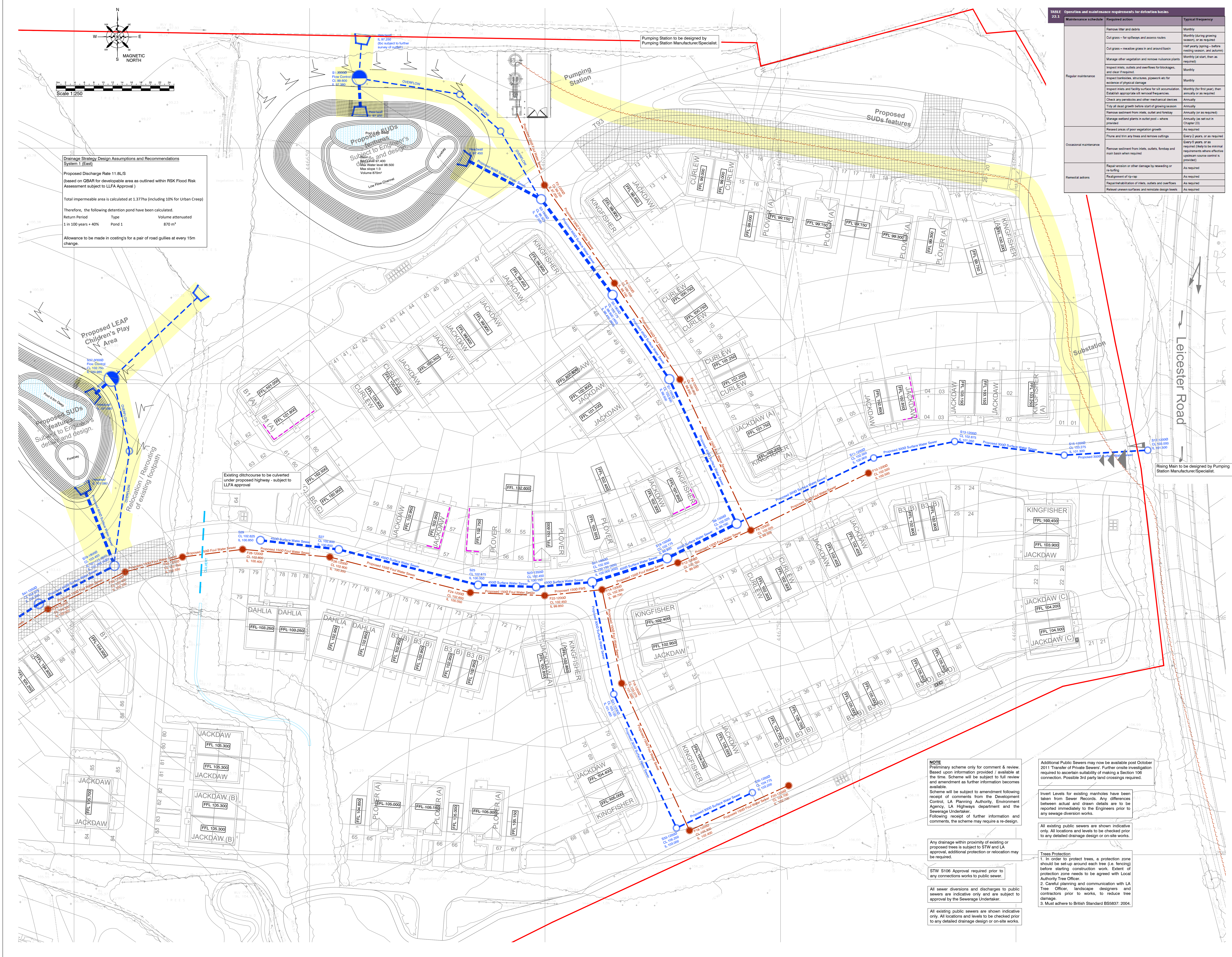


TABLE 22.1	Operational and maintenance requirements for detention basins		
	Required action	Typical frequency	
Maintenance schedule	Remove litter and debris	Monthly	
	Cut grass – for highways and access routes	Monthly (during growing season), or as required	
	Cut grass – meadow grass and in around basin	Half yearly spring – before mowing season, and autumn	
	Manage other vegetation and remove nuisance plants	Monthly (as start, then as required)	
	Inspect inlets, outlets and overflows for blockages, and clear if required	Monthly	
Regular maintenance	Inspect bankside structures, pipework etc. for evidence of physical damage	Monthly	
	Inspect inlet and facility surface for silt accumulation. Establish appropriate silt removal frequencies	Monthly (for first year), then annually or as required	
	Check any percolates and/or remove excess devices	As required	
	Trim all dead grass between start of growing season	Annually	
	Remove sediment from inlets, outlet and forbank	Annually (or as required)	
	Manage wetland plants in detention pool – where provided	Annually (as set out in Chapter 23)	
	Re-seed areas of poor vegetation growth	As required	
Occasional maintenance	Prune and trim any trees and remove overhanging	Every 5 years, or as required	
	Remove sediment from inlets, outlets, forbank and main basins when required	Every 5 years, or as required (likely to be minimal requirements where effective concrete source control is employed)	
	Repair erosion or other damage by re-seeding or re-planting	As required	
	Replacement of rip-rap	As required	
Remedial actions	Revegetation of inlets, outlets and overflows	As required	
	Relevel uneven surfaces and reinstatement design	As required	

Notes

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Drawings must not be scaled. Work to figured dimensions only

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C	28.11.24	Updated to latest layout		BPL
B	24.10.2024	Updated to latest layout and levels		BPL
A	17.05.2024	Basin 1 outfall updated to Vistry request		DJH
REV	DATE	AMENDMENT		BY



MUCKLOW & HARRIS
CONSULTING CIVIL & STRUCTURAL ENGINEERS

DRAWING STATUS: PRELIMINARY

CLIENT **Vistry**
Partnerships

PROJECT
Leicester Road,
Earl Shilton

TITLE
Proposed Drainage Strategy
Sheet 1 of 2

DATE 03.05.2024		DRAWN DJH	
SCALE 1:250	SIZE A0	CHECKED AM	

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