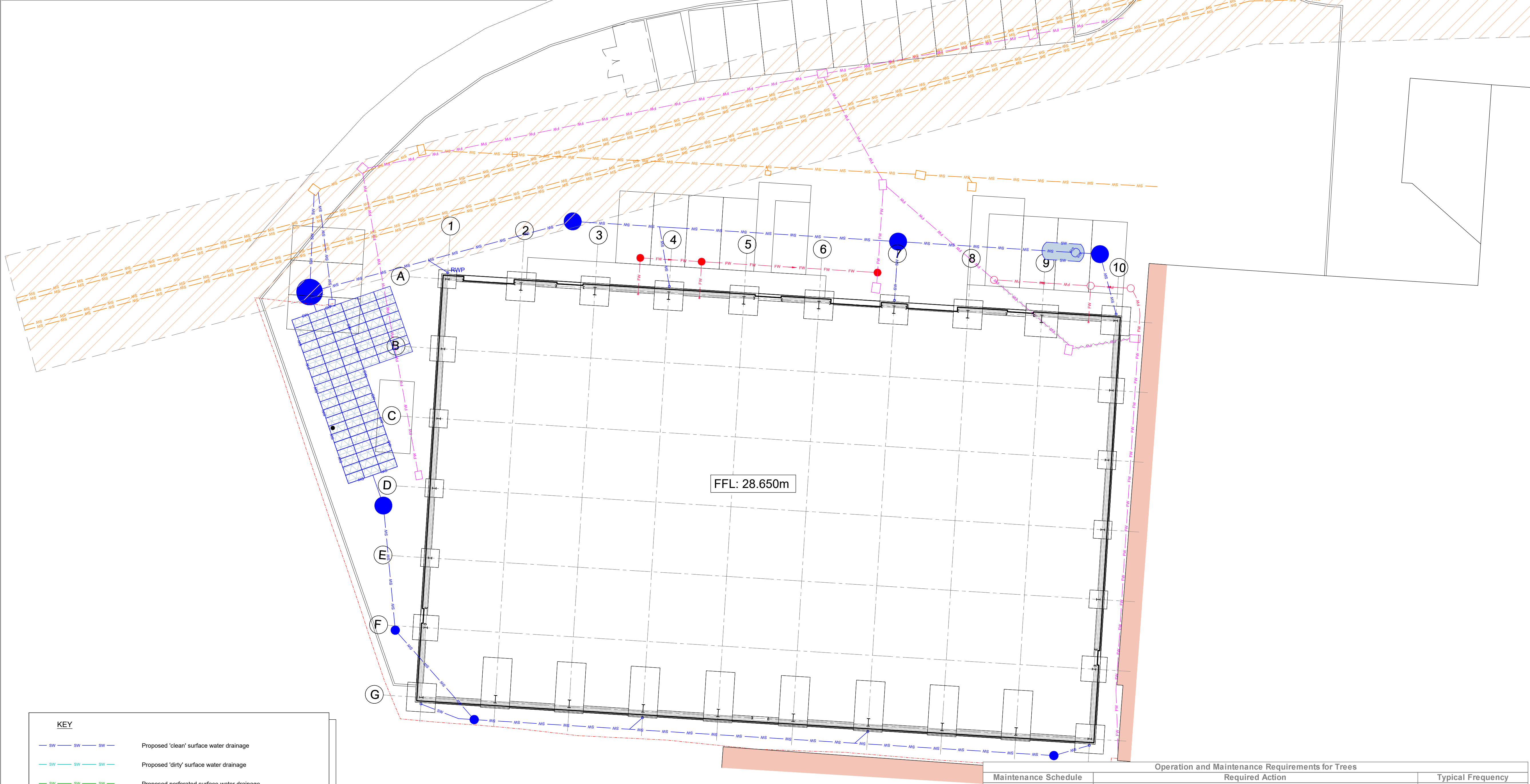
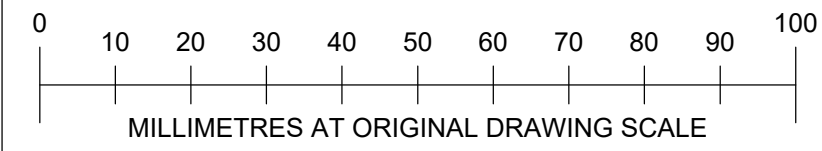


Operation and Maintenance Requirements for Piped Drainage Network		
Maintenance Schedule	Required Action	Typical Frequency
Regular	Inspection of manholes for debris and sediment build-up	Annually (and following poor performance)
	Cleaning of manhole chambers and removing any debris and sediment build-up.	Annually (and following poor performance)
Occasional Maintenance	Jetting of pipes between manholes to flush any debris and sediment build-up down the pipes. Debris and sediment build-up to be collected at the downstream manhole and removed from the piped network.	Three monthly (or as required)
Monitoring	Survey pipes for any signs of root ingress, cracking or collapse and undertake remedial work to replace pipe runs as necessary.	Every 5 years or as required following poor performance.

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KEY	
— SW — SW — SW —	Proposed 'clean' surface water drainage
— SW — SW — SW —	Proposed 'dirty' surface water drainage
— SW — SW — SW —	Proposed perforated surface water drainage
— SW — SW — SW —	Existing surface water drainage
— FW — FW — FW —	Proposed foul water drainage
— FW — FW — FW —	Existing foul water drainage
● RWP	Rain water downpipe
○ PU	Foul water pop-up



PLAN
Scale 1:150

Operation and Maintenance Requirements for Trees		
Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Remove litter and debris	Monthly (or as required)
	Manage other vegetation and remove nuisance plants	Monthly (at start, then as required)
Occasional Maintenance	Inspect inlets and outlets	Quarterly
	Check tree health and manage tree appropriately	Annually
	Remove silt build-up from inlets and surface and replace mulch as necessary	Annually, or as required
	Water	As required (in periods of drought)

Operation and Maintenance Requirements for Attenuation Storage Tanks		
Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Inspect and identify any areas that are not operating correctly. If required, take remedial action.	Monthly for 3 months, then annually
	Remove debris from the catchment surface (where it may cause risks to performance).	Monthly
	For systems where rainfall infiltrates into the tank from above, check surface of filter for blockages by sediment, algae or other matter; remove and replace surface infiltration medium as necessary.	Annually
	Remove sediment from pre-treatment structures and/or internal forebays.	Annually, or as required.
	Repair/rehabilitate inlets, outlets, overflows and vents.	As required.
Remedial Actions	Inspect/check all inlets, outlets, vents and overflows to ensure that they are in good condition and operating as designed.	Annually
Monitoring	Survey inside of tank for sediment build-up and remove if necessary.	Every 5 years or as required.

- Notes
- Do not scale off this drawing.
 - Should there be any conflict between the details indicated on this drawing and those indicated on other drawings the engineer should be informed prior to construction on site.
 - All drawings are in millimetres unless otherwise stated.
 - It is the responsibility of the contractor to execute the works at all times in strict accordance with the requirements of the health and safety at work act 1974 and cdm regulations 2015.
 - All drainage is to be constructed in accordance with the building regulations.
 - Drainage on site is considered as private, and is not subject to being adopted.
 - All manhole cover levels are approximate.
 - All rainwater downpipes to be fitted with a rodding facility located above ground level.

Drainage Strategy Summary

- Existing Discharge Rates
- Rainfall = FEH22
 - Climate Change = 0
 - CV = 1
 - 2 Year = 50.9 L/s
 - 30 Year = 126.7 L/s
 - 100 Year = 154.5 L/s

- Proposed Discharge Rates
- Rainfall = FEH22
 - Climate Change = 45%
 - CV = 1
 - 2 Year = 40.7 L/s
 - 30 Year = 99.9 L/s
 - 100 Year = 123.4 L/s

a proposed betterment of 20% has been made on the existing discharge rates across all storm events for the development.

PRELIMINARY

P1	FIRST ISSUE	EP	PM	EP	16.09.25
REV	DESCRIPTION	BY	CHK	APP	DATE
REVISION TABLE					
HBPW CONSULTING ENGINEERS		43 BRIDGEGATE RETFORD NOTTINGHAMSHIRE DN22 7UX TEL: (01777) 869896 www.hbpw.co.uk			
CLIENT: NATIONWIDE ENGINEERING					
HBPW PROJECT NUMBER: SL08556					
PROJECT: UNIT A, CONSORT WAY BURGESS HILL					
DRAWING: PROPOSED FOUL AND SURFACE WATER DRAINAGE MAINTENANCE PLAN					
PROJECT ENGINEER: E. PARRY			DRAWN: N. HARDY		
CHECKED: P. MONAGHAN			APPROVED: E. PARRY		
DATE: 16.09.2025	SCALE: AS SHOWN	SIZE: A1	SUITABILITY: S3	REVISION: P01	
DOCUMENT REFERENCE NUMBER: SL08556-HBPW-00-ZZ-D-C-05006					