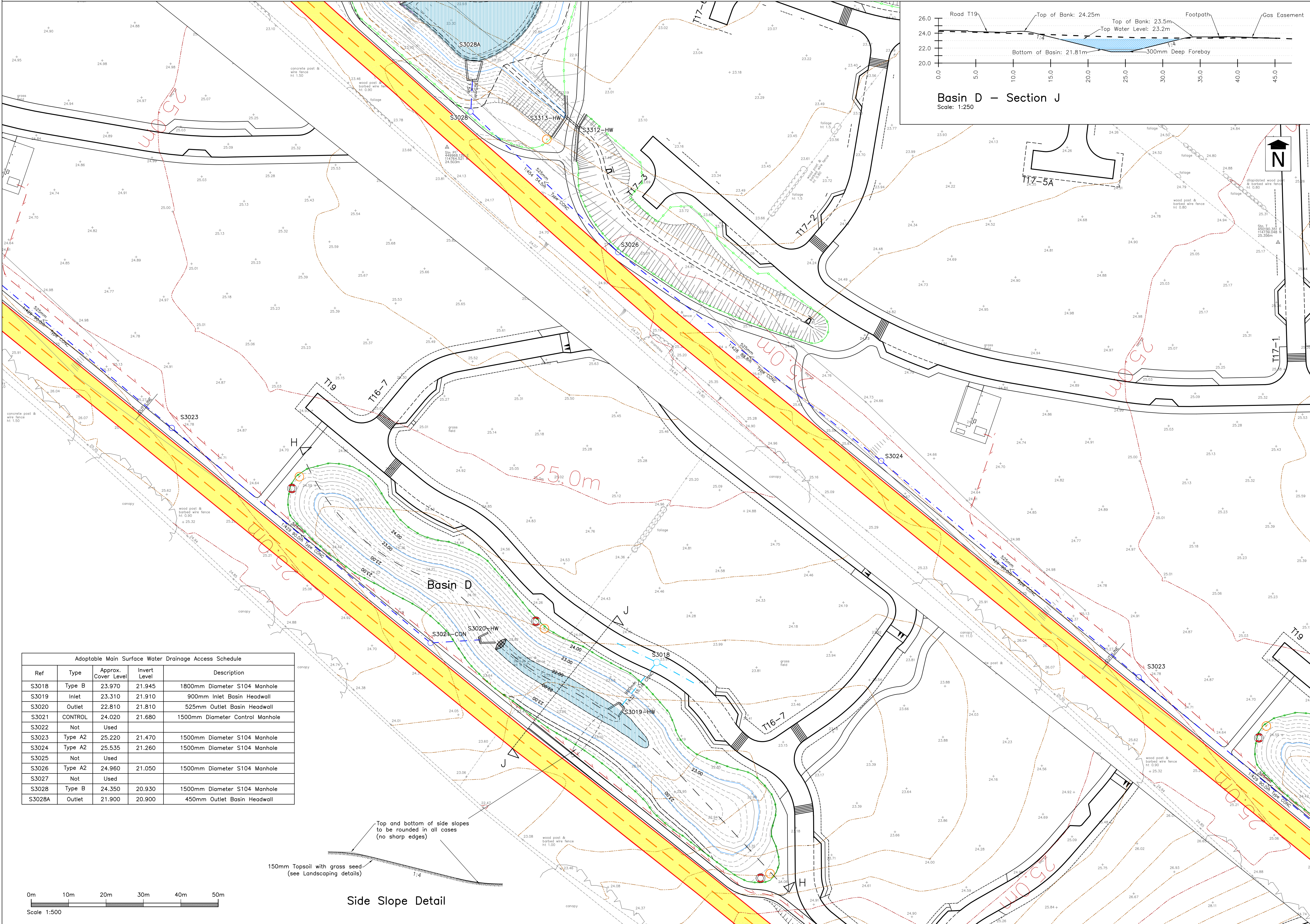


Basin D – Section H
Scale: 1:250



Basin D – Section J
Scale: 1:250



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For Construction
These drawings are produced, together with any related data, to inform the setting out and construction of the works. To be read in conjunction with all working drawings.

NOTES

- To be read in conjunction with Drawing Number M380/2, Indicative Surface Water Drainage Strategy.
- Top Water Level based on 1 in 100 year rainfall event, + 40% allowance for climate change.
- Location/design of Swales, Low Flow Channels and Wetland areas and surface water sewers are indicative, as per Drawing M380/2 Rev F, and subject to detailed design.
- Landscaping of basins, wetlands and swales subject to detailed design.
- Permeable 'Outlets' to forebays to be constructed using gabion baskets filled with 4-20 crushed stone.

KEY

- Wetlands Area
- Forebay Area
- Swale
- S3030 SW Sewer
- Galvanised Steel Knee Rail – Colour Black
- Warning Sign: to read 'Danger Deep Water – Keep Out'
- Lifebuoy ring: Type as required by Icosa
- 125mm OD Rising Main from Pumping Station PS2

Rev	Date	Description	Drawn	Check
#	07/11/22	First Issue.	DRB	CI
A	06/12/22	Drawing updated to provide details for the Basin D to Basin C connection.	DRB	CI
B	10/03/23	Sections for Basin D added, as required by the Local Planning Authority.	DRB	CI
C	06/07/23	Manhole S3018 amended to Type B, as required by Icosa Water.	CS	DRB
D	27/07/23	Side Slope Detail added as requested by Network Rail.	DRB	CI
E	16/04/24	Typographical error indicating the top of bank corrected on Section J.	DRB	CI
F	19/11/25	Knee Rails amended to Galvanised Steel, as requested by the LPA.	DRB	CI

Status

FOR CONSTRUCTION

Client

millermhomes
Bellway

Project

Boorley Gardens
Winchester Road
Hedge End
Phase 2

Drawing Title

Surface Water Detention
Basin D

Drawing No.

M434/57

Rev F

Date: November 2022 Scale: 1:500 @ A1

E-Mail: dbrock@pfaconsulting.co.uk

Adoptable Main Surface Water Drainage Access Schedule				
Ref	Type	Approx. Cover Level	Invert Level	Description
S3018	Type B	23.970	21.945	1800mm Diameter S104 Manhole
S3019	Inlet	23.310	21.910	900mm Inlet Basin Headwall
S3020	Outlet	22.810	21.810	525mm Outlet Basin Headwall
S3021	CONTROL	24.020	21.680	1500mm Diameter Control Manhole
S3022	Not	Used		
S3023	Type A2	25.220	21.470	1500mm Diameter S104 Manhole
S3024	Type A2	25.535	21.260	1500mm Diameter S104 Manhole
S3025	Not	Used		
S3026	Type A2	24.960	21.050	1500mm Diameter S104 Manhole
S3027	Not	Used		
S3028	Type B	24.350	20.930	1500mm Diameter S104 Manhole
S3028A	Outlet	21.900	20.900	450mm Outlet Basin Headwall

Side Slope Detail

0m 10m 20m 30m 40m 50m
Scale 1:500