



Hydrobrake Details

Control Point	Head (m)	Flow (l/s)
Primary Design	1.500	6.100
Flush Flo	0.446	6.093
Kick Flo	0.919	4.839
Mean Flow		5.333

SHE-0109-6100-1500-6100

SUDS Detention Basin
 Crest Level = 73.100
 Bed Level = 71.650
 2 year water level = 71.991
 30 year water level = 72.261
 100 = 50% CC water level = 72.868
 Total volume of storage = 637m³

S16
 Connection Chamber
 13500
 CL 70.300
 IL 69.700 (3000)
 IL 69.600 (4000)

- General**
1. This drawing should not be scaled - use figured dimensions only. If in doubt, ask.
 2. All dimensions are in millimetres unless stated otherwise.
 3. This drawing is to be read in conjunction with all relevant Architects drawings as well as all other drawings by RG Parkins (refer to RG Parkins drawing register).
 4. The Contractor is responsible for verifying all dimensions on site prior to commencing works.
 5. Any specified proprietary products are to be installed in strict accordance with manufacturers guidelines. No specified product should be substituted without gaining approval from RG Parkins.
 6. Invert levels shown on all incoming and outgoing pipes for manholes indicate the invert levels at the intersection of the pipes in the centre of the manhole.
 7. Connections into the manholes shall be constructed with the soffits level.

Drainage Key
 Scale 1:200

Existing Combined Water Public Sewer
Existing Surface Water Culvert
Foul Water Adopted Drainage - S104
Foul Water Private Drainage
Surface Water Adopted Drainage - S104
Surface Water Private Drainage
Surface Water Private Channel Drain
Adopted Highways Drainage - S38

Rev	Description	Date	Revised by	Checked by	Approved
A	Revised layout proposal	19/04/24	OS	TM	TM

Issue Purpose: **Planning**

Do not scale from this drawing

RG PARKINS
 Kendal | 01539 729393 | Lancaster | 01524 32548

Client: Washington Homes	Scale @ A1: 1:200	First Issue: 26/01/24	Office of Origin: Kendal
Project: Scalegill Road, Moor Row	Drawn by: RH	Checked by: OS	Approved: TM
Drawing Title: Foul & Surface Water Drainage Plan Sheet 2 of 2	Project No: K40461	Drawing No: 21	Rev: A