



Detention Basin
Top of Pond: 130.6mAOD
Top Water Level: 130.3mAOD
Base of Pond: 129.4mAOD
Freeboard: 300mm
Side Slopes: 1:3
Attenuation Volume: 1355m³
Pond has been sized to accommodate a 1 in 100 year storm event + a 40% allowance for climate change.

Scuff connection to Ø375mm culverted sewer subject to requisition with Severn Trent Water

Control Chamber Restricting flows to Q_{lim}
Flow Rate: 23.5 l/s
Design Head: 1.500m

Foul sewer outfall to existing STW manhole

Rising main outfall to F22

Contributing area beyond tangent to be accommodated by the existing lane.

Creation of low point requires additional gully, which is to be drained internally. The existing gully connection into Kirby Road network is to remain.

General Notes

- Drawing is not to be reproduced or printed at any scale or paper size other than the original scale.
- All dimensions in meters unless otherwise stated.
- Drawing to be read in conjunction with all other relevant Engineers, Architects and Specialist design drawings and details.
- Any discrepancies are to be highlighted to the engineer immediately.

Key

- FL 61.500 Proposed Slab Level
- Proposed S104 Surface Water Sewer
- Proposed S104 Foul Water Sewer
- Proposed S104 Easement
- Proposed SuDS Feature

Revision	Description	Date	Drawn	Check
Planning				
Status				

DAVIDSONS
Wilson House, Leicester Road, Ibstock,
Leicestershire, LE67 6HP
T: 01530 261 444 F: 01530 267 101
www.davidsonsgroup.co.uk
E: info@davidsonsgroup.co.uk

Project: Desford

Title: Drainage Strategy

Drawn: JC	Checked: BT	Date: May 2025
Scale: 1:500	Rev: -	Paper Size: A1

DWG No: E1089-ENG-0005