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Green Area = 0.198ha
Proposed 1:30yr Design Flow 40.1 l/s
Flow Restricted & Attenuated To 5.0 l/s

Purple Area = 0.266ha
Proposed 1:30yr Design Flow 54.1 l/s
Flow Restricted & Attenuated To 5.0 l/s

Key:
- Existing Foul Sewer
- Existing Surface Sewer
- Proposed Foul Sewer
- Proposed Foul Manhole (F01)
- Proposed Highway Drain
- Proposed Highway Manhole (H01)
- Proposed Highway Gully
- Existing Site Level (3.67)
- Proposed Site Level (3.400)
- Proposed High Point (HP)
- Proposed Low Point (LP)

Approx. Dyke IL 0.840
New Outfall IL 1.189

Approx. Dyke IL =0.540
New Outfall IL 1.439

Attenuation Basin Volume = 55m³ @ 0.8m Depth

Attenuation Basin Volume = 80m³ @ 0.8m Depth

Chamber To Be Fitted With HydroBrake To Restrict Flows To 5.0 l/s

Existing SW Ref: 7501 CL 3.083 IL 1.153

Existing FW Ref: 7501 CL 3.060 IL -0.540

Existing FW Ref: 6501 CL 3.178 IL -0.225

New FD1 IL -0.389 Approx.

Soft landscaping

Soft landscaping screening

9m IDB easement

DYKE

Public Open Space

GRASS

TARMAC

TRACK

ALL DRAINAGE FOR PRIVATE ACCESS ROADS, ROOF WATER & DRIVEWAYS TO DISCHARGE TO PRIVATE SOAKAWAYS LOCATED IN REAR GARDENS

Phase 1 (31 dwellings)

Phase 2 (34 dwellings)

Phase 3 (12 dwellings)

Rev	Date	Remarks
D	04.08.21	Drawing Updated To Suit Latest Site Layout.
C	07.02.19	Drawing Developed In-Line With S38 & S104.
B	13.11.18	Drainage Layout Developed & Minor Changes To Suit Latest Architects Drawing.
A	24.07.18	Refuse Collection Points Added.

Status: FOR PLANNING

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Project: Proposed Residential Development off Wignals Gate, Holbeach, Lincs. For D Brown Builders

Title: Proposed Drainage Strategy

Date	Jul. '18	Scale	1:500 @A1
Drawn	MP	Checked	SRC
Design	SRC	File Name	36916-15

DRG No. 36916/15 Rev D

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