DRAINAGE KEY

- Private foul drain and inspection chambers
- Private storm drain and inspection chambers
- Permavoid distributor tank by Charcon or similar with catchpit inspection chamber prior to permavoid
- DN450 x 900mm deep trapped highway gully with 150mm connector
- 2.5m wide x 0.5m deep swale over 0.5m wide filter/carrier drain
- Carrier drain with catchpit inspection chamber
- Foul sewer and manhole
- Hydrobrake inspection chamber by CPM or similar approved
- Multi stage up flow filter silt removal device by Hydro International
- Deep bore soakaway chamber with 'Hockey stick' style top to deep bores

INSET

Deepbore soakaway chamber with #3 16m boreholes.

Hydrobrake control chamber limiting flows to 1.5 l/s.

Up flow multi stage treatment filter by Hydro International

Reed bed link between ponds to provide first stage of pollution treatment

Attenuation pond designed to control and store all storms up to and including the recommended E.A. 1:100 year + 40% storm event. Min 300mm freeboard

Attenuation pond designed to control and store all storms up to and including the recommended E.A. 1:100 year + 40% storm event. Min 300mm freeboard. 1273m3.

EXISTING HEDGE RETAINED

Old Manor Farm

Track

Scale = 1 : 250

New foul connection to the existing foul network to be made via a Section 106 Agreement with Southern Water. Capacity and nil detriment to receiving sewer confirmed by Southern Water

Ex1101
CL 6.99
IL4.02(150)
IL 3.87(300)

SEE INSET TOP LEFT

PRELIMINARY FOR PLANNING ONLY

REV. No.	DATE	DESCRIPTION	INITIALS
A	27.06.19	Pipe and invert level information added to layout	KTG

Client: BARGATE HOMES

Project: Manor Farm, Bedhampton

Title: Drainage strategy layout

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Scale: 1:250@A0 | Date: Mar'19 | Drawn: KTG | Checked | Drawing No.: 5992:P01 | Rev: A

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