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General Notes

GENERAL

Unless shown otherwise all foul water drains to be 100mm (1 in 80 min).

Unless shown otherwise all surface water drains to be 150mm (1 in 100 min).

Vent pipes to be installed at the top of all foul drains and on apure longer than 10m

All WC's to connect to drains via an Inspection Chamber. (Note the use of 300mm mini-chambers off-line).

All pipes with less than 900mm cover beneath drives or parking areas to have concrete protection.

All pipes with less than 1200mm cover in road carriageway to have concrete protection.

Inspection Chambers less than 1200mm deep should be uPVC Universal Type Chambers. Manholes to be 1200mm dia for pipes up to 300mm.

All gullies to be trapped (surface water and foul water).

All rainwater pipes to have rodding access or discharge into a gully.

SEWER DIVERSION

Existing Surface Water Sewer to have CCTV survey undertaken prior to any construction to establish accurate line and level and verify possible incoming connections.

All r ainy incoming connections to be diverted into new sewer accordingly. Abandoned sewer to be removed.

Existing Sewer capacity 344 l/s (1 in 34 nom)
Proposed Sewer capacity 321 l/s (1 in 39 nom)

SOAKAWAYS

Soakaways to be constructed in accordance with BRE Digest 365 (amended for 1 in 100-year + 30%) using Modular Cell Units (Polystorm etc) plus 10% impermeable area allowance for 'Urban Creep'. Cell units to be laid strictly in accordance with manufacturer's instructions and 'Permatiller' geotextile to be used in trafficed areas in order to trap and bio-degrade oil deposits. Inspection / access points to be provided and inter-trinlined where possible and 5m min. from any building on or off site.

Preliminary infiltration tests indicate 8.1e-6 m/s (typically requiring 9 sq.m. 800mm deep for every 120 square metres of drained area.

The homeowner shall be responsible for maintenance and the presence of a SuDS scheme registered with the Local Authority to ensure continued future maintenance. (Generally, the only necessary maintenance of the system will be to keep gullies clear of debris such as leaves and regular inspections should be established, and actions taken if necessary, to prevent siltation of the system. They should be inspected at least yearly and after every major storm event.)

No.		Date
1e	Changes to & Position of Houses	6/10/16
1d	Notes expanded	20/6/16
1c	Soakaways maintenance note added	24/5/16
1b	Soakaways for new development	23/5/16
1a	No pipe sizes; driveshoal surfaces	May '16
1	Original issue	April '16

Firm Name and Address
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DRAINAGE LAYOUT

East End
Sheriff Hutton

(For Planning Purposes only - this is not a working drawing)

Project: Y116/D/1e
Sheet:
Date: OCTOBER 2016
Scale: 1:200 @ A1

DATE: 10.10.2016

THIS IS NOT A WORKING DRAWING !