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consultant's drawings and reference should be made to the individual consultant's drawings for exact setting out, size and type of component.

where applicable. It is assumed that all works on this drawing will be carried out by a competent contractor, working where appropriate to an approved method statement.

> existing foul water drain with existing surface water drain with manhole new foul water drain with new surface water drain with

> > new surface water manhole with

vented cover ■ ■ ■ ■ ■ ■ Iinear drainage channel

permeable paving

flow regulator

existing spot level concrete protection to pipework adjacent to tree roots Cover Level Invert level

Sump level Soakaway Reverse Action Interceptor backdrop rodding eye soil & vent pipe (rodable) waste and vent pipe (rodable) stub stack (rodable) shower gully (rodable)

silt pit (rodable) rodding access 450Ø x 900 deep precast concrete trapped, rodable, road gully with grating area greater floor gully (rodable) rainwater downpipe (rodable) primary siphonic downpipe secondary siphonic downpipe vent pipe (oil separator)

air admittance valve Top of base level Cast Iron Vitrified Clay Flexible `Rocker' joint Polypropylene inspection chamber

Note: Final setting out of all drainage points at ground level to the Architect's and M and E Engineer's details.

P05 20.03.18 GM Surface water pipe sizes, pipe gradients and storage volumes upgraded to cater for HBC's requirement of Cv of 0.925. Modular geo-void storage tanks replace Tubosider. Flow control

details updated to suit and sumps added to flow control manholes. Layout of siphonic drainage P04 20.03.17 GM Site layout updated in accordance with the Architect's latest requirements (MSA model MS101-D2-Site Layout Plan dated 10.03.2017) and drainage layout and external levels updated to suit. All car parking areas now permeable paving in accordance with the Architect's latest

equirements. By-pass separator removed from Unit 4 car park. P03 23.02.17 GM Site layout updated in accordance with the Architect's latest requirements (MSA model MS101-Site Layout Plan dated 20.02.2017) and drainage layout and external levels updated to suit. Vented manhole covers indicated. 02 24.01.17 GM Pipe 1.005 (Unit 4) increased from 225Ø to

300Ø. Surface water storage tank for Unit 1 ncreased in length by 1.000m. Details of surface water flow controls updated in line with Planning P01 21.06.16 GM Pipe design numbers added. Ponding volumes WFG updated following further design.

Rev Date By Description Drawing status

PRELIMINARY



FORMER NESTLE SITE **HAYES**

DRAINAGE LAYOUT AND EXTERNAL LEVELS

SHEET 1 OF 2

G. Males NRB Apr 2016 WATFORD BS1192:2007 / Avanti Compliant

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