


ESCHER · SILVERMAN
Civil & Structural Consulting Engineers

25th March 2019

Our Ref: KM/ml

Arun District Council
First Floor, Arun Civic Centre
Maltravers Road,
Littlehampton. BN17 5LF

Roughton
A2 Omega Park
Electron Way
Chandlers Ford
Hampshire SO53 4SE

For the attention of Laura Gibbons

Dear Laura,

Re: Burndell Road: Revised Drainage

I refer to your email dated 21st March to Paul Spratt of Crayfern Homes requesting further additional information. In reply, please see below our responses to your points raised.

1. The percentage reduction in impermeable area is as follows:
 - Total impermeable area 9,206 m²,
 - Total new permeable driveways is 549 m²,
 - Percentage reduction in impermeable area approx. 5.96%,
2. The revised discharge rate from the attenuation scheme based on the percentage reduction in permeable areas is 9.78 l/s, down from 10.4 l/s.
3. The MicroDrainage calculations for the attenuation tanks are shown in 'Surface water drainage calculation - Rev B'. Copy is attached.
4. Please also see enclosed drawings **ES1838-502-01-E Drainage Layout 1 of 2** and **ES1838-502-02-E Drainage Layout 2 of 2** for updates. Copies are attached.

I trust the above and attached are sufficient, but should you require clarifications, please do not hesitate to contact me.

Yours sincerely,

Hoa Nguyen
Escher Silverman Ltd
Email: hoa.n@eschers.co.uk

Encs.