

From: Blair, Ruth [mailto:Ruth.Blair@balfourbeatty.com]
Sent: 19 December 2018 15:34
To: Atkins, Charlotte <Charlotte.Atkins@herefordshire.gov.uk>
Cc: Perkins, Richard (02) <Richard.Perkins@balfourbeatty.com>; Hockenhull, Joel <Joel.Hockenhull@balfourbeatty.com>
Subject: RE: P183904/O - proposed erection of 4no. dwellings, Coldwells Villa - outline application

Hi Charlotte,

No FRA needed. Sorry that wasn't clear

Regards,

Ruth Blair BSc (Hons)

Graduate Civil Engineer | Balfour Beatty Living Places

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From: Atkins, Charlotte [mailto:Charlotte.Atkins@herefordshire.gov.uk]
Sent: 19 December 2018 15:33
To: Blair, Ruth
Cc: Perkins, Richard (02); Hockenhull, Joel
Subject: RE: P183904/O - proposed erection of 4no. dwellings, Coldwells Villa - outline application

Thanks for clarifying Ruth. Could you also confirm if you are expecting an FRA, I am unsure from your comments.

Many thanks
Charlotte

From: Blair, Ruth [mailto:Ruth.Blair@balfourbeatty.com]
Sent: 19 December 2018 15:08
To: Atkins, Charlotte <Charlotte.Atkins@herefordshire.gov.uk>
Cc: Perkins, Richard (02) <Richard.Perkins@balfourbeatty.com>; Hockenhull, Joel <Joel.Hockenhull@balfourbeatty.com>
Subject: RE: P183904/O - proposed erection of 4no. dwellings, Coldwells Villa - outline application

Hi Charlotte,

I have seen Jim's comments below in response to our comments sent on yesterday.

I note that the Applicant has undertaken infiltration testing in accordance with BRE365. This is suitable for surface water soakaways.

Percolation testing undertaken in accordance with [BS6297](#) is suitable for treated effluent drainage fields.

There has been no consideration of disposing of treated effluent via infiltration as of yet. Due to the issues raised (reiterated below for ease) we consider it necessary for consideration of disposal of treated effluent to drainage fields to be considered and calculated. If this is not possible, it may be necessary to de-culvert some of the watercourse to allow for disposal into the watercourse. It should also be confirmed that the watercourse has a non-seasonal constant flow to be in line with the binding rules.

“Disposing of treated effluent into a culverted section of watercourse (or just upstream of a culverted section) would be unacceptable. We recommend that treated effluent is discharged into an open section of watercourse, preferably downstream of the culverted section. Treated effluent encourages root growth and thus discharging into a culvert increases the risk of blockage.

Regards,

Ruth Blair BSc (Hons)

Graduate Civil Engineer | Balfour Beatty Living Places

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From: Perkins, Richard (02)

Sent: 19 December 2018 13:51

To: Blair, Ruth; Hockenhull, Joel

Subject: FW: P183904/O - proposed erection of 4no. dwellings, Coldwells Villa - outline application

Importance: High

FYI, I've been cc'd into this.

Regards,

Richard Perkins CEng. MICE

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From: Jim Hicks [<mailto:jim@oha-architecture.co.uk>]
Sent: 19 December 2018 13:37
To: Atkins, Charlotte
Cc: Richard Nash; James Mewis; Perkins, Richard (02)
Subject: P183904/O - proposed erection of 4no. dwellings, Coldwells Villa - outline application
Importance: High

Dear Charlotte,

We refer to the BBLP representation to the above outline application. We note that the BBLP response requests that percolation tests be carried out. You will note that the drainage engineer's soakaway calculations make reference to the infiltration rates taken from the percolation tests which have already been carried out. I attach a copy of the percolation test report in case this is needed to verify the engineer's soakaway calculations.

wishing you a merry christmas and happy new year.

Kind Regards,

Jim Hicks BSc. (Hons) RIBA cert. Arch.
Director

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