

From: Matthew Jones
Sent: 12 August 2014 15:12
To: Martyn Richards; Geraint Nicholas Roberts
Subject: RE: 13/1279 - Land South of Glan Usk School - Surface Water Drainage Strategy

Good Morning Geraint,

I agree with Martyn's comments.

In addition to this, I would expect the developer to undertake the following;

- Apply for discharge consent into watercourse;
- Undertake maintenance regime of watercourse.

The report also make reference to flood storage in the form of a low vegetated area. Further details such as design calculations and detailed drawings would be required for this.

Kind Regards

Matthew

From: Martyn Richards
Sent: 08 August 2014 15:46
To: Geraint Nicholas Roberts
Cc: Matthew Jones
Subject: RE: 13/1279 - Land South of Glan Usk School - Surface Water Drainage Strategy

Geraint,

Thanks for this, it would appear that the widened watercourse will have sufficient capacity to attenuate and discharge storm water for the various storm events as modelled. My only concern is that the modelling results Dwg: C-SA-90-2002-A02 - 1.0% +CC APE shows an element of flooding along the bottom of the Network Rail embankment, my advice would be to issue the report to them for consideration.

The report also confirms that infiltration systems for surface water disposal are unlikely to be favourable due to existing ground conditions, therefore the area of permeable paving proposed between the site access off Courtney Street and approximately chainage 200m is unacceptable and an alternative means of draining this area of carriageway must be sought.

Regards
Martyn
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From: Geraint Nicholas Roberts
Sent: 06 August 2014 13:27
To: Matthew Jones; Martyn Richards
Subject: 13/1279 - Land South of Glan Usk School - Surface Water Drainage Strategy

Dear both

Please see the attached documents. Could you both comment on the proposed surface water drainage strategy for the above site by Friday 15/08/2014 if possible. In effect the strategy is to drain most of the water into the reen and then into the river.

The study suggests the enlarged reen would be able to cope – we can condition details of the reen and outfall and their implementation so long as we are happy the basic principle is OK.

The very southern part of the site is still to rely on infiltration – Martyn you have concerns over this working and there appears to be a risk of water running down the access road into Collier Street (if it doesn't work).

As you'll note from my email to the applicant CNC/NRW have not commented on drainage to the reen and seem to be under the impression the applicant is liaising directly with us on this point. I am not aware they are. CNC/NRW are also resistant to infiltration of ground waters on this site (risk to controlled waters).

If you need any further information get in touch.

Thanks.

Geraint N. Roberts
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Tim yr Dwyrain / East Team
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