

## Cerys Jones

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**From:** Sharon Holman  
**Sent:** 27 November 2017 12:27  
**To:** planning\_admin  
**Subject:** FW: P/2017/0842 - APPLICATION FOR APPROVAL OF DETAILS RESERVED BY CONDITION IMPOSED UNDER PLANNING PERMISSION P/2016/0401 CONDITION 13 - DRAINAGE DETAILS  
**Attachments:** Drainage Calcs.pdf; Maintenance and Management Plan.pdf; 501A Drainage Layout.cleaned.pdf; Drg issue sheet.pdf

Civ – drainage scheme attached and below...

**From:** Adam Caldwell [<mailto:a.caldwell@datrys.coop>]  
**Sent:** 24 November 2017 17:51  
**To:** Sharon Holman  
**Cc:** Tony Hughes; Gwyn Lewis  
**Subject:** RE: P/2017/0842 - APPLICATION FOR APPROVAL OF DETAILS RESERVED BY CONDITION IMPOSED UNDER PLANNING PERMISSION P/2016/0401 CONDITION 13 - DRAINAGE DETAILS

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This email's attachments were cleaned of potential threats by Wrexham Council's Security Gateway.  
Click [here](#) if the original attachments are required (justification needed).

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Evening Sharon,

Please find attached the revised calculations in relation to Croesnewydd.

The installed drainage is much larger than what is actually required thus no above ground storage is required for the site runoff.

Further to your provision of the full condition 13 to me I indeed note that flood water flows are to be intercepted in the event of a 100% culvert blockage to the south west further along Croesnewydd road.  
The use of the word swale seems incorrect here and in reality this is merely to be something that re-routes the minimal flood waters away from the development. We propose to install a shallow ditch along the boundary and either discharge directly into the adjacent Afon Gwenfro or merely allow the flood waters to convey over the ground surface once they have been diverted downslope of the development. This would reflect the scenario that would exist if no development was in place.

I have added the maintenance requirements for this ditch to the M&MP which I attach.

Please advise if this provides sufficient information to discharge this planning condition.

Kind Regards,

Adam Caldwell  
MEng (Hons)



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