Cerys Jones

From: Philip Forster
Sent: 01 December 2015 14:47
To: planning_admin
Subject: FW: P/2015/0543 Five Fords Bridge conditions
Attachments: P_2015_0543_conditions.docx; P/2015/0543 - Land at Five Fords Waste Water Treatment Works, Access - NRW Response NRW:00960178

Further NRW response

From: Thomas, Gareth [mailto:Gareth.Thomas@cyfoethnaturiolcymru.gov.uk]
Sent: 25 November 2015 15:41
To: Philip Forster; planning_admin
Cc: Adam.Sinclair@mottmac.com; Stephenson, Lucy
Subject: FW: P/2015/0543 Five Fords Bridge conditions

Dear Phil,

Further to discussion between the applicants and ourselves on the condition that we proposed within our email dated 4th November 2015, the applicants have proposed a change to the wording, that we are satisfied with from a flood risk perspective. These changes are detailed below.

Kind regards,

Gareth Thomas
Swyddog Cyswllt Cynllunio / Planning Liaison Officer
Cyfoeth Naturiol Cymru / Natural Resources Wales

Ffôn/Tel: (0300) 065 3786 **Siaradwr Cymraeg / Welsh Speaker**

E-bost/E-mail: Gareth.Thomas@cyfoethnaturiolcymru.gov.uk Gareth.Thomas@naturalresourceswales.gov.uk

Gwefan / Website: www.cyfoethnaturiolcymru.gov.uk / www.naturalresourceswales.gov.uk

Ein diben yw sicrhau bod adnoddau naturiol Cymru yn cael eu cynnal, eu gwella a'u defnyddio yn gynaliadwy, yn awr ac yn y dyfodol.
Our purpose is to ensure that the natural resources of Wales are sustainably maintained, enhanced and used, now and in the future.

From: Stephenson, Lucy
Sent: 25 November 2015 15:12
To: Thomas, Gareth <Gareth.Thomas@cyfoethnaturiolcymru.gov.uk>; North Planning <NorthPlanning@cyfoethnaturiolcymru.gov.uk>
Subject: P/2015/0543 Five Fords Bridge conditions

Cc: for filing in relevant folder for Wrexham CBC planning application reference P/2015/0543

Hi Gareth,

I met recently with Mott MacDonald, who are the consultants for DCWW on the new bridge at Five Fords. Due to some confusion with terminology, they have requested that we amend the wording of our recommended conditions to WCBC. They appear to have a copy of draft conditions (attached, presumably from WCBC) and I have no objection to their suggestions, as below:

First change:
The draft condition states: "deck level 33.5mAOD and solid parapet 1.1m in height"
Proposed replacement text: "top of solid parapet level of 33.5mAOD and therefore a height of approximately 1.5m from soffit level to top of solid parapet".

Second change:
The draft conditions states "a bridge length of 10m at 29.14 degrees giving an effective width, perpendicular to the flow, of 8.73m"
Proposed replacement text: "an effective bridge width, perpendicular to the flow, of 8.73m"

Would it be possible to contact the Planning Officer for this case to let them know?

Many thanks,

Lucy.

Lucy Stephenson
Flood Risk Analysis / Dadansoddi Risg Llifogydd
Natural Resources Wales / Cyfoeth Naturiol Cymru, Chester Road, Buckley, CH7 3AJ.
Tel / Ffôn: 0300 065 3873

Website / Gwefan: www.naturalresourceswales.gov.uk / www.cyfoethnaturiolcymru.gov.uk

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Ein diben yw sicrhau bod adnoddau naturiol Cymru yn cael eu cynnal, eu gwella a'u defnyddio yn gynaliadwy, yn awr ac yn y dyfodol.

From: Sinclair, Adam G [mailto:Adam.Sinclair@mottmac.com]
Sent: 23 November 2015 11:50
To: Stephenson, Lucy <Lucy.Stephenson@cyfoethnaturiolcymru.gov.uk>
Cc: Bolton, Christopher <Christopher.Bolton@mottmac.com>; Gammond, Philip A <Philip.Gammond@mottmac.com>; Howard Jones <howardjones@caulmert.com>; Buxton, Daniel P <Daniel.Buxton@mottmac.com>; Quentin.Hellis@mm-b.co.uk; John Thornton <John.Thornton@mm-b.co.uk>
Subject: Five Fords Access Road - NRW Meeting Minutes

Good morning Lucy,

Thank you for the meeting last Thursday. Please find attached minutes.

I have also attached the draft planning conditions. As we mentioned in the meeting we had proposed some changes to the flooding section in order to clarify terminology and ensure alignment with the submitted planning application. We had directed these proposed changes via our planning consultant, Howard Jones of Caulmart. Howard subsequently informed us that it was best for NRW to propose the changes to Wrexham council. The proposed changes are as follows:

First change:
The draft condition states: "deck level 33.5mAOD and solid parapet 1.1m in height"

Proposed replacement text: "top of solid parapet level of 33.5mAOD and therefore a height of approximately 1.5m from soffit level to top of solid parapet".

Second change:

The draft conditions states “a bridge length of 10m at 29.14 degrees giving an effective width, perpendicular to the flow, of 8.73m”

Proposed replacement text: “an effective bridge width, perpendicular to the flow, of 8.73m”

I trust these are acceptable in light of our meeting, but if there is anything you wish to discuss please do give me a call. We would appreciate it if you could you forward the proposed changes at your earliest convenience to minimise any risk of delay to the approval process.

For your information, the reason for the first change is that the pertinent issue is the height of the solid obstruction that the bridge presents, and therefore the height should be taken from soffit to top of solid parapet. As presented at the meeting, a short open parapet / handrail will be provided on top of the solid section of parapet to make up the height of 1.1m from the carriageway which is required as a safety barrier.

Our reasoning for the second change is that we understand NRWs primary concern is that the aperture size, perpendicular to the flow is sufficient to ensure that there is no increase in flood risk, as confirmed at the meeting. Therefore the exact skew angle and bridge length are not relevant to this. The critical parameter is the effective width of 8.73m which is included in the draft conditions.

Many thanks.

Regards,

Adam Sinclair
Hydraulic Modeller

Mott MacDonald

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