

From: [Bernard Greene](#)
To: [Justin Fannon](#)
Cc: [Padraig MacShera](#); [Liam Flynn](#); [Pio Byrnes](#); [John Mulvihill](#)
Subject: RE: Leitrim Village Part VIII - Keadue Road Flood Defence Works
Date: 31 May 2024 16:53:00
Attachments: [24-05-31_Alterations to Approved Scheme_Bernard Greene.docx](#)
[image003.png](#)
[image004.png](#)

Justin,

I have considered the proposed amendments as set out in John's e-mail and I attach my view of same in the attached report.

Kind regards,

Bernard Greene MIPI
Senior Planner
Planning Department

Áras an Chontae, Carrick on Shannon, County Leitrim, N41 PF67

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Comhairle Chontae Liatroma
Leitrim County Council

From: John Mulvihill <jmulvihill@leitrimcoco.ie>
Sent: Thursday, May 30, 2024 2:46 PM
To: Justin Fannon <jfannon@leitrimcoco.ie>; Bernard Greene <bgreene@leitrimcoco.ie>
Cc: Padraig MacShera <pmacshera@leitrimcoco.ie>
Subject: FW: Leitrim Village Part VIII - Keadue Road Flood Defence Works

Justin,

I spoke to Padraic and Bernard on this last week and again earlier today, see below and attached a slight modification to the design/location of the culvert on the Keadue Road Flood Defence Works, the objective here hasn't changed its purely a detail design change whilst trying to mitigate risk in terms of Health and Safety of the Contractor i.e.. physically constructing the culvert in the original position. As the original proposal posed a lot of risk due to the poor ground conditions, beneath the culvert and the neighboring boundary wall. etc.

Note, the flood risk report remains unchanged, and the methodology of construction remains unchanged in terms of the environmental considerations in the approved Part VIII, if you want to discuss give me a call,

Kind regards,

John Mulvihill

Senior Executive Engineer

Capital Projects

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Leitrim County Council | Aras an Chontae, Carrick-on-Shannon, Co. Leitrim.



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From: John Mulvihill

Sent: Wednesday, May 29, 2024 10:17 AM

To: Bernard Greene <bgreene@leitrimcoco.ie>

Cc: Pdraig MacShera <pmacshera@leitrimcoco.ie>

Subject: Leitrim Village Part VIII - Keadue Road Flood Defence Works

Bernard,

Following our recent telephone conversation, and our discussion around the detail design of the Keadue Road, Leitrim Village, Flood relief embankment, I have the following update,

On further consideration of the site investigation in the bed of the stream, and due to the close proximity of the adjacent Glenville Boundary wall (also founded on this Circa 12-15m of peat) there are Health and safety issues in physically constructing the Culvert arrangement in this position as identified in the original Part VIII application and on review we would like to mitigate any risk in terms of unstable boundary walls etc. in the construction phase of this scheme for our contractor/PSCS, TBC .

Following a detailed Topographical Survey of the site, it has come to our attention that there is low ground (below the proposed embankment level of 43.0m) between houses in the Glenville estate, No's 1 - 4, <https://maps.app.goo.gl/RTv1PxaZCPnNK9oG8> these properties as previously outlined in our Part VIII application have thresholds that are above the level of 43.0m and are not at flood risk (to the 2009 level).

However, we have now identified that there are flow paths for flood water between these properties mainly along fence lines/Property boundaries, the detailed level survey shows flood water spilling out in these locations and would render our flood relief embankment useless, and as a result flood the Keadue road, Cluainn Oir Housing estate and indeed all the properties opposite the Glenville properties.

Therefore, see attached revised detail designed drawings to include a new position for the proposed culvert and the extension of the originally proposed Earth embankment on the East side of the Culvert to replicate the originally proposed west side of the culvert where we had

previously identified the need for an embankment.

We now have greater confidence in the proposal and have also included protection to another 6 properties in this area,

I hope this revised design gets your favorable consideration, Call me if you have any further queries,

Kind regards,

John Mulvihill

Senior Executive Engineer

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