From:	Duncan Cruickshanks
To:	Darren Higgins
Cc:	Pat O"Mahony; Conor O"Reilly
Subject:	RE: Brown roof revisions CDM Input
Date:	18 September 2023 10:26:25
Attachments:	image001.png image002.png image003.png image004.png image053498.png image506437.png image360543.png image869083.png

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Darren

Many Thanks for reaching out and updating your drawings following our meeting last week.

Understanding the issue of trying to maximise the Brown Roof Area on the Liddell Road Scheme we have to consider fitting all of the other requirements to the roof and ensuring everything works together and can be suitably managed and maintained.

As the Principal Designer on the project, I want to ensure that we utilize the space on the roof without compromising safety.

Therefore, after our discussions and analyzing your updated drawings we cannot put any unstable ground or biodiverse areas near roofs edge that requires management and maintenance this is particularly around the Davitt arms which you have shown on all of your revisions and must continue to not be compromised.

We also must maintain a clear pathway around the roofs to ensure access and egress is not compromised and will not be compromised in the future as the Brown Roof grows over time. This includes any impact of Mansafe and tethers that will be required to be used on certain areas around the roof as well as be able to suitably access and maintain this equipment.

We have discussed the possibility of doubling up the areas of the roof that has the PV arrays. This should help provide more Biodiverse Brown Roof on the scheme and you have now shown this being added to the drawing. While I have concerns that both the PV arrays and Brown roof areas will compromise each other's management and maintenance of the systems I believe it can be managed so that one element does not impinge on the other and can be fully drawn up as a distinct management strategy for the client and maintenance company to undertake the required regime.

Therefore, I believe we have maximized the amount of area we can sensibly allocate to the Biodiverse Brown roof without compromising safety, other required elements, access, egress and maintenance strategy.

I hope this note is of assistance and we will have to ensure that all elements of shared use have a robust and sensible Management strategy for the Health and Safety File.

Regards
Duncan

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From: Darren Higgins <darren.higgins@cfield.co.uk>
Sent: Monday, September 18, 2023 8:57 AM
To: Duncan Cruickshanks <duncan.cruickshanks@mgac.com>; Duncan Cruickshanks <duncan.cruickshanks@mgac.com>
Cc: Pat O'Mahony <pat.omahony@cfield.co.uk>; Conor O'Reilly <conor.oreilly@cfield.co.uk>
Subject: RE: Brown roof revisions CDM Input

Hi Duncan,

Hope you had a good weekend, as discussed on Friday can you please return your commentary on this so we can share with the client team.

Kind regards,

Darren Higgins
Design Coordinator

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From: Darren Higgins <darren.higgins@cfield.co.uk>
Sent: Thursday, September 14, 2023 3:34 PM
To: Duncan Cruickshanks <duncan.cruickshanks@mgac.com>; Duncan Cruickshanks <duncan.cruickshanks@rlf.co.uk>
Cc: Pat O'Mahony <pat.omahony@cfield.co.uk>; Conor O'Reilly <conor.oreilly@cfield.co.uk>
Subject: Brown roof revisions CDM Input

LR - Brown Roof Revisions CDM Input

Hi Duncan,

As discussed last Friday, can you please review the attached Block B & C roof drawings and provide commentary from a CDM perspective.

Is this something that could be issued tomorrow? Any questions let me know.

Kind regards,

Darren Higgins
Design Coordinator

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