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Date 08 June 2022

For the attention of B Metcalfe Esq

MJN Associates
Grange Bungalow
Low Road
Brigham
Cockermouth
CA13 0XH

Dear Sirs

WHITEHAVEN GOLF CLUB, RED LONNING

WHITEHAVEN CA28 8UD

With reference to Copelands comments of 11th February 22, re-affirmed by Cumbria County Council in their letter back to Copeland on 4th March 2022, we wish to offer the following response.

As you are aware, the Applicant has subsequently rigorously checked the nature of the existing drainage systems on, and off site with particular regard to David Bechelli's original observations, and we can now confirm the following :-

The relevant current drawings prepared by Galpin Landscape Architecture are attached as follows :-

1. WGC 1070-06 336 Rev 3 – Existing
2. WGC 1070-06 337 Rev 5 – Proposed

/Contd...

a) General

The existing surface water drainage system includes feature ponds all of which include outfall weirs in order to create environmental features, and also attenuate the flows which are realised due to surface water runoff from the very impermeable ground surface.

It is envisaged that all new drainage features would be in the form of filter trenches (or connecting pipes to sections of filter trenches) so that they are both discrete and effective and are almost entirely upstream of the attenuation ponds. These would all introduce natural improved attenuation, in lieu of uncontrolled runoff from compacted clay based impermeable areas.

b) Moresby Parks Road

No blockages could be found within the existing ditch, however, the potential run off area/catchment which will now flow into it will be reduced, as a new filter trench is proposed draining North to South from the 13th hole, alongside/parallel to the 14th hole to the pond beside same.

c) Scilly Banks Road

There are road gully connections on the public road which connect to the pond beside the 10th green, and this has been proven by dye testing and inspection of the outfall pipe into the pond.

d) Harras Moor Inlet

This has similarly been identified and is now indicated beside the 2nd/3rd Tee area. The inflow ultimately extends into the attenuation pond beside the 2nd green, and onwards to the site outfall close to the surface water outfall of the site.

We trust that this information clarifies the situation, and sufficiently re-affirms that the redevelop does not increase flood risk, but if any further information is required, do not hesitate to contact us.

Yours faithfully



C. J. WALTERS B.Sc. (Hons), C.Eng., M.I.C.E., F.Cons.E.
for
BINGHAM YATES LIMITED