
From: Eldred, Garin
Sent: 22 October 2021 10:29
To: Pulley, Caroline
Subject: Planning Application - Dowlais Primary School (P/21/0352) [NOT PROTECTIVELY MARKED]

Classification: NOT PROTECTIVELY MARKED

Hello Caroline,

I have reviewed the application and recommend the following conditions:

1. Demolition or construction works shall not take place outside the hours of 08:00 to 18:00 Mondays to Fridays and 09:00 to 14:00 on Saturdays and at no time on Sundays or Public Holidays.

Reason: In the interests of local amenity and to avoid statutory nuisance.

2. All reasonable precautions shall be taken to reduce the impact of dust. Effective dust control measures, such as 'damping down' following cutting or other dusty operations shall be employed at all times.

Reason: In the interests of local amenity and to avoid statutory nuisance.

3. Waste generated on site should be disposed of in suitable manor and not burnt.

Reason: In the interests of local amenity and to avoid statutory nuisance

The required further actions in the geo-environmental and geotechnical report should be followed:

- Develop outline design for the drainage strategy and then undertake further soakaway testing in the actual location to confirm the design rates and infiltration characteristics provided as part of this investigation. We recommend that this is undertaken at shallower depth than previous testing, to attempt to successfully drain the test pit fully.
- The site has been characterised as CS-2 in terms of ground gas risk. Determine the building classification in accordance with BS8485 and design the gas protection measures accordingly based on the required point score.
- Any carbonaceous Made Ground should be removed from beneath the footprint of the development area, and that all underground services within the carbonaceous Made Ground are placed in trenches filled with inert granular fill, thus isolating them from potentially combustible materials. We consider that this is likely to be sufficient to mitigate the risk of combustion at the development.
- Foundations are to be reinforced to limit differential performance.
- For shallow excavations where there is a potential danger to life, support of excavation sides is likely to be necessary.
- During the gas monitoring, surface water run-off/pooling has been noted, particularly in the area around BH3. Management of this will be required during the construction of the development.
- The investigation has identified near surface groundwater (less than 0.1m depth) across the site, however it is not clear what the origin of the shallow levels are. Consideration on whether suitable drainage should be installed in the pavement to ensure that water is kept out of the sub-base is needed.

Kind regards

Garin Eldred

Swyddog Iechyd yr Amgylchedd / Environmental Health Officer

Diogelu'r Amgylchedd a Thai, Adran Amgylchedd Iechyd / Environmental Protection and Housing, Environmental Health Department

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