



# GEOTECHNICAL CONSULTING GROUP

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Dear Gareth

## 6-10 CAMBRIDGE TERRACE - DEMOLITION OF NEW VAULTS

We understand that four new vaults, previously ignored, have recently been discovered at 6-10 Cambridge Terrace. The vaults are aligned with the other vaults under the pavement of Cambridge Terrace. Three of the new vaults are outside No. 10 and are currently filled with concrete. One vault is outside No. 9 Cambridge Terrace and it is filled with sand.

We understand that it is proposed to demolish and reconstruct the three concrete-filled vaults and empty and repair the sand filled vault, whose roof is damaged.

We have reviewed the construction method proposed by City Basement for the demolition of the concrete-filled vaults. We understand that prior to demolition the vaults will be isolated from the surrounding structures to be retained. The demolition will then be carried out as part of the excavation works for the new basement construction at the site and after completion of the underpinning works and the new piled retaining wall.

Provided that the demolition of the new vaults is carried out with good workmanship, it is not expected to impact the foundations of the structures to be retained. The demolition works would remain above the water level and within the boundary of the

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retaining wall system. Therefore we do not expect that the demolition of the vaults has any impact on the local hydrogeology.

Yours sincerely,  
For Geotechnical Consulting Group,

Dr Apollonia Gasparre

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