



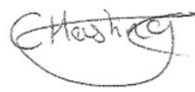
GROUNDTECH
CONSULTING

50 DUNDONALD ROAD, DIDSBURY

COVER SYSTEM VALIDATION REPORT

JC BRENNAN DEVELOPMENTS LTD

OCTOBER 2023

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Cover System Depth Validation

The depth of cover required within the proposed gardens require at least 600mm of clean cover comprising a minimum of 150mm of topsoil and 450mm of subsoil. A remediation break layer comprising a permeable geomembrane has been installed at a depth of c.0.60m bgl, beneath the clean imported topsoil.

The agreed frequency of the inspection pits is 'spacing of 1 hole per rear garden of every plot'. The depth validation tests were undertaken in the rear gardens of the plots.

Inspection pits were excavated by hand to confirm the placement of the cover system in the rear garden areas of 1 to 3. Photographs are appended to this report which verify the presence of at least 600mm of cover system comprising a minimum of 150mm of topsoil and 450mm of subsoil.

The topsoil comprised sandy slightly clayey topsoil and the subsoil was granular in nature consisting of orange, brown fine to medium Sand. No anthropogenic materials were encountered in the topsoil or subsoil.

Conclusions

The material used for the cover system of Plots 1 to 3 is deemed suitable for use by laboratory testing. The depth validation excavations in garden areas confirm the presence of at least 600mm cover in accordance with the remedial requirements.

Based on the recent site visit and laboratory testing, the cover system installed in Plots 1 to 3 is suitable for the proposed residential end use.