



Gracelands Ltd

CIVIL ENGINEERING AND GROUNDWORKS



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4/9/24

For the attention of Sunit Panchal

Dear Sunit

RE Allington Lane Phase 2

Further to your consultant's request we wish to confirm the following

1. All footpaths have been constructed to drawing 18-290-115 revision B and 18-290-126 revision A
2. Attached are the CBR results requested. As the results are above the (<2%CBR) then no additional capping was required above the effective attenuation depth design.
3. The running surface was 100mm th AC32 50 pen as the material was machine laid. This running surface was unavoidably installed to allow construction of the development past the porous section of the road.
4. The running surface was punctured prior to laying the block paving with an 80mm dia core at 750mm centre to centre.
5. All drainage has been installed specifically S4-S7 being the carrier pipe as per drawing 18-290-126 rev A. The drains install in 2021 have worked exceptionally well with not a single issue reported since installation.
6. C09 shows the impermeable membrane as shown on the porous cross section on 18-290-126 rev A. Best practice we find is to wrap the material so it stays in position during construction and the kerb race and subsequent kerbs stay stable.
7. Permeable liner was not required as the running surface was installed which is not shown on the cross section detail 18-290-126 rev A.
8. The attenuation membrane supplied by Capital Valley Plastic was used to rap the porous paving on the formation and up the sides. Attached is the data sheet.
9. Attached are the Tarmac test results for the material supplied
10. Gracelands have carried out all the works as per Odyssey latest working drawings.

Regards

Andrew Grogan
MD Gracelands Ltd