

CHAPMAN GEOTECHNICAL

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Our Ref: **1053/DAS/1**

24th May 2023

Client: **Bridport Town Council**

Project: **Proposed Surfacing of Existing Car Park, Bridport Football Club**

Site: **Bridport Football Club Park, Skilling Hill Road, Bridport**

Design and Access Statement

Introduction

The existing car park off Skilling Hill Road in Bridport provides car, mini-bus and camper van parking for Bridport Football Club, St Marys Primary School, a multi-use sports area and the town itself, which is accessed via an existing riverside footpath.

The car park is split into two areas: the western area is adjacent to the school and the larger eastern area adjacent to the riverside footpath and the football club. Both car parking areas comprise rough, unsurfaced ground with no surface water drainage and no designated parking or traffic circulation routes. Both car park areas are well used, and the Town Council charges for parking using pay to park ticket machines.

Need

The lack of adequate surfacing and drainage to the car park areas, coupled with them being well used, has resulted in: the constant presence of potholes that, although filled on a regular basis, reappear quickly; extensive standing water in depressions and potholes during and following rainfall; and the production of excessive dust during dry periods.



Eastern area viewed from entrance.



Western area viewed from east.

There is, therefore, a clear need to provide a hard and robust car park surface that can be designed so that surface water drains to an adequate piped underground drainage system. The car park can then have marked designated parking spaces and clear circulation routes for vehicles.

Access

The proposed surfacing of the car park includes providing clear, surfaced, footpath routes through and around the car park connecting the eastern area to the existing riverside footpath and the western area to Skilling Hill Road and St Marys School.

The proposals include providing 7 mini-bus/camper van spaces and 68 car parking spaces within the eastern area. 3 of these will be designated disabled spaces. In the western area there will be 32 car parking spaces with 3 of these designated disabled spaces. There will be designated motorcycle and cycle spaces in both areas.

6 of the spaces within the eastern area are to have electrical charging points.

The proposed car park layout is shown on the attached drawing 1053/1B.

Drainage

The resurfacing of the car park has been designed so that the surface water flows to the underground piped drains via collector gullies, with the height of the ground surface not being significantly increased to avoid reducing the existing flood storage capacity of the area.

The proposed surface levels and drainage scheme, which is shown on the attached drawing 1053/2, is to include an oil/fuel separator to protect the river and on-site attenuation to restrict flows to the river outfall. Disposal of surface water by soakaway has been considered, but the nature of the underlying materials, as indicated by trial pitting and the retention of surface water on the existing unsurfaced car park during rainfall, is such that it is likely to prove impracticable.

A flood risk assessment, which is submitted with the application, has been carried out by consulting engineers Such Salinger and Peters. This concludes that the site is suitable for the proposed re-surfacing.

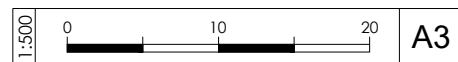
Landscaping

The surfacing of the car park, which will include providing edging kerbs to the surfaced areas, enables protection and a clear designation between the hard surfaced car park and the soft landscaped areas that are currently present.

As can be seen on the attached layout plan, the soft landscaped areas are to be increased in size and additional tree planting is to be provided to give more shading and shelter to the car park, whilst also improving its appearance and make it more inviting as a place to park whilst visiting Bridport.

Attached:

Drawing 1053/1B	Existing and Proposed Layout Plans
Drawing 1053/2	Proposed Surfacing and Drainage



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PROJECT	Proposed Car Park Improvements Bridport Football Club Car Park Skilling Hill Road, Bridport, DT6 3JY
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CLIENT	Bridport Town Council
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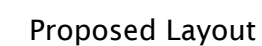
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DRAWING TITLE

Existing and Proposed Layout Plan



Based on West Country Land Surveys' Topographical Survey December 2022

DRAWING No. 1053 / 1B

REV.

