PAVEMENT DESIGN STATEMENT

Ref Number: 2682 PD01

Development: Equi-Trek, Stocksbridge, Sheffield, S36 4GS.

For: Northern Design Partnership

Date: 7th August 2019

Gleneagles Project Services Ltd
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Revision History

Version No.	***Version Date***	***Author***	***Checked by***
1.0	07/08/2019	Tim Taylor	Steve Cockell

Distribution

This document has been distributed to:

Name	***Company***
Paul Briggs	Northern Design Partnership

Introduction

This statement has been produced to support an application to provide additional parking for the storage of trailers and construction of a retaining wall.

Pavement Design Intention

The proposed pavement construction will be designed in accordance with the relevant design standards for construction of car parks and access roads taking account the ground conditions and the number of anticipated vehicles. The pavement design will be linked to the drainage proposals for the site which will be in accordance with the requirements of Sustainable Urban Drainage System (SuDs).

The type of SuDs will depend on the existing ground conditions and various methods that can be used to hold surface water on site and then release it into the existing ground or an agreed outfall. The on-site storage may be provided within the granular layers of the pavement construction, on site berms or ponds or on site storage The final solution will depend on further site investigation and design development in relation to both the drainage and the form of the retaining wall.

The pavement design for the car park would generally involve some form of permeable surfacing material (porous block paving, porous tarmac etc) possibly using the parking bays in this material and the aisles in a standard bituminous material.