

Specification

1. Car Park – Permeable Asphalt

Surface course:

40 mm porous/permeable asphalt wearing course, suitable for car park applications.

Binder course:

60 mm open-graded/permeable asphalt binder course.

Sub-base:

200 mm minimum Type 3 unbound sub-base, compacted in accordance with the manufacturer's requirements.

Geotextile:

Non-woven geotextile separator membrane beneath the Type 3 sub-base where required to prevent migration of the sub-base material into the underlying formation.

Formation:

Existing formation to be stripped of topsoil, vegetation and unsuitable material and compacted to provide a firm and even surface.

Total indicative construction depth: approximately 300 mm excluding any localised additional excavation or capping required by ground conditions.

2. Access / Entrance – Permeable Asphalt

Because the entrance will receive turning movements and occasional light commercial vans, the access should have a more robust construction than a simple pedestrian/car-only area.

Surface course:

50 mm porous/permeable asphalt wearing course.

Binder course:

70 mm asphalt binder course.

Sub-base:

250 mm minimum Type 3 or equivalent suitable sub-base, compacted in layers.

Geotextile:

Geotextile separator membrane where required by ground conditions.

Formation:

Existing formation prepared and compacted following removal of topsoil and unsuitable material.

Total indicative construction depth: approximately 370 mm.

3. Access Edges / Bellmouth

The entrance will be formed with 2m radius edges to the bellmouth to accommodate cars and light commercial vehicles.

A raised concrete will be provided installed on an appropriate concrete bed and haunch.

The entrance should be constructed so that the finished levels prevent surface water from flowing from the car park onto the private road.

4. Drainage

The permeable asphalt and open-graded sub-base will provide temporary storage and attenuation of rainfall.

The construction should incorporate appropriate falls to ensure that water is retained and managed within the site.

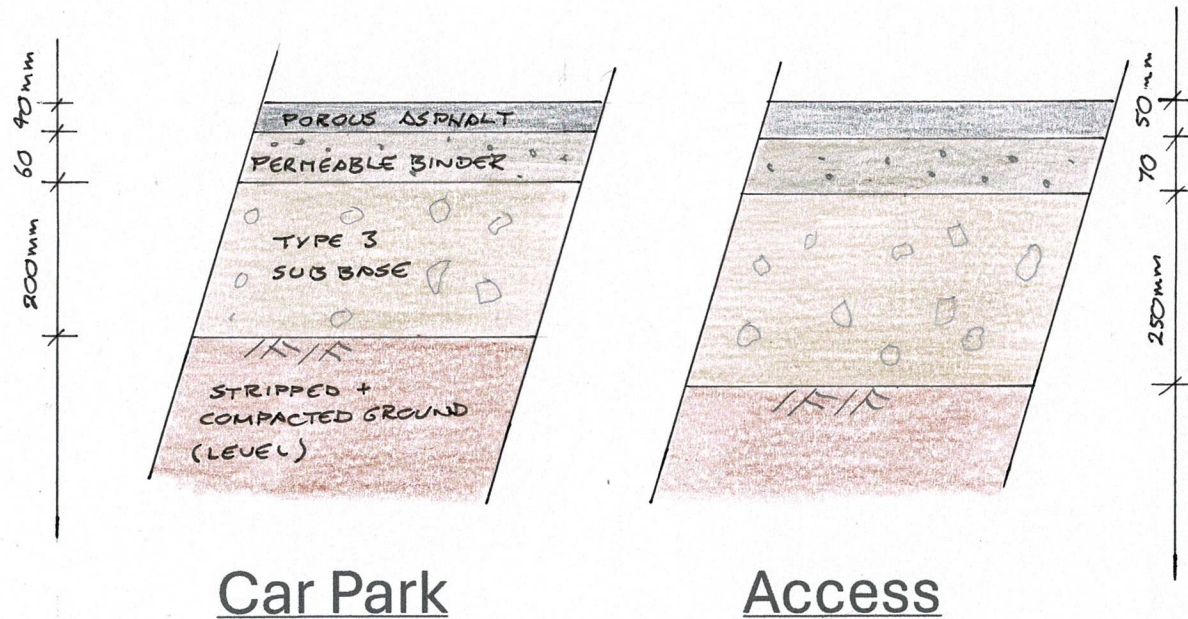
No uncontrolled surface-water discharge shall be permitted onto the existing private road.

5. General Construction Requirements

All pavement materials shall be suitable for the anticipated traffic loading and installed in accordance with the relevant manufacturer's requirements and current highway/pavement construction standards.

The formation shall be inspected before construction. Any soft spots, unsuitable material or areas of poor bearing capacity shall be excavated and replaced with suitable engineered fill or additional capping/sub-base as necessary.

The final thickness may be adjusted following confirmation of the ground conditions.



Typical Build-ups 1:10

This drawing has been prepared for Planning Permission purposes only. It should be read in conjunction with all drawings in the series 2026/432, the Design and Access Statement and all other planning documents. All dimensions to be confirmed on site and any discrepancies reported to the designer.

Scheme -Formation of an additional shared car parking area to serve the existing B2 and B8 commercial units and existing school, including a new access onto a private road, new school drop-off zone and associated surfacing, hedge planting, drainage and landscaping. Change of use from grazing land to carpark and access

Address – Easthall Farm,
St Pauls Walden, Hitchin
SG4 8DL

Date – September 2026
Scale – 1:10 @ A3
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