

Construction Specification

24 Baileys Lane, Halewood

1. Scope of Works

This specification relates to the existing private driveway hardstanding within the curtilage of 24 Baileys Lane. Works relate only to the interface with the proposed widened vehicular crossing.

2. Formation and Excavation

Excavate to required formation depth to achieve finished levels flush with proposed dropped kerb.

Minimum excavation depth: 250–300mm below finished surface level, subject to ground conditions.

All soft or unsuitable material to be removed and replaced with suitable engineered fill.

Formation to be trimmed and compacted to provide a firm, level base.

3. Sub-Base

Minimum 150mm Type 1 MOT granular sub-base, laid in two layers (if required) and compacted using vibrating roller/plate compactor.

Sub-base to comply with:

Clause 803 of the Specification for Highway Works (SHW)

Finished sub-base to be level, well-compacted, and free from contamination.

4. Edge Restraints

Existing boundary walls/structures retained.

Where required, provide precast concrete edging kerbs bedded on and backed with C20 concrete.

Edging to provide lateral restraint to surfacing.

5. Surfacing (Bituminous Macadam)

Driveway to be surfaced in:

60mm AC20 dense binder course

40mm AC10 close graded surface course

Total bituminous thickness: 100mm

Laid and compacted in accordance with:

BS EN 13108

Specification for Highway Works (SHW)

Surface to be smooth, even and flush with the proposed dropped kerb crossing.

6. Falls and Drainage

Hardstanding to be laid to a fall of 1:60 minimum away from the dwelling.

Surface water to drain onto the existing permeable frontage/land within the curtilage.

No discharge of surface water onto the public highway.

(No new drainage infrastructure proposed.)

7. Interface with Highway

Finished driveway levels to align with proposed 3.8m vehicular crossing.

No raised lip at highway boundary.

All works within the adopted highway to be constructed by the Highway Authority or their approved contractor.

8. Materials

Sub-base: Type 1 MOT granular material

Binder course: AC20 dense

Surface course: AC10 close graded

Edgings: Precast concrete kerbs

Concrete: C20 minimum

9. Standards and Compliance

All works to be carried out in accordance with:

Local Highway Authority standards

Specification for Highway Works

BS EN 13108

BS 7533 (where applicable)

10. Summary

The hardstanding remains within the existing approved footprint and is constructed to a standard suitable for domestic vehicular use, including light commercial vehicles, without impacting the adopted highway or pedestrian footway.

