

Specification

Brushed Finish Concrete Access Laid to falls away from Highway in accordance with:

- Manual of Contract Documents for Highway Works (MCHW)
- Specification for Highway Works (SHW)
- BS 8500
- BS EN 206
- BS EN 12620
- BS EN 13670
- Local Highway Authority requirements where applicable.

Formation

Excavate to the required formation level.
Formation shall be proof rolled.
Soft spots shall be excavated and replaced with Type 1 granular material.
Formation to achieve minimum CBR of 5%.

Sub-base

- 150mm minimum MOT Type 1 granular sub-base (Clause 803 SHW)
- Laid in two layers
- Finished to ±10mm tolerance.

Concrete

- Concrete shall be:
- C32/40
 - Designated to BS 8500
 - Air entrained if exposed
 - Maximum aggregate size 20mm
 - Slump S2–S3 :
 - Minimum slab thickness of150mm to 200mm

Reinforcement

- A393 mesh with min. 50mm cover, supported on proprietary spacers

Surface Finish

Immediately after floating:
Produce a transverse brushed finish using a stiff nylon brush.
Brush marks:

- uniform
- straight
- approximately 2–3mm deep
- perpendicular to direction of travel.

Surface to provide slip resistance and positive drainage.

Falls

Provide:
Minimum crossfall 1:60
No ponding permitted.
Drainage shall not discharge onto the public highway with fall away from highway to Aco drain set across the width of the access and drained back into site

Kerb Specification

Provide precast concrete kerbs complying with:
BS EN 1340
Specification for Highway Works Clause 1101.
Kerbs to the edge of the access to be Half battered HB2 (125 × 255 × 915 mm) kerb with 100mm upstand
or
Vehicle crossover kerbs laid between the highway and access.

Kerb Bedding

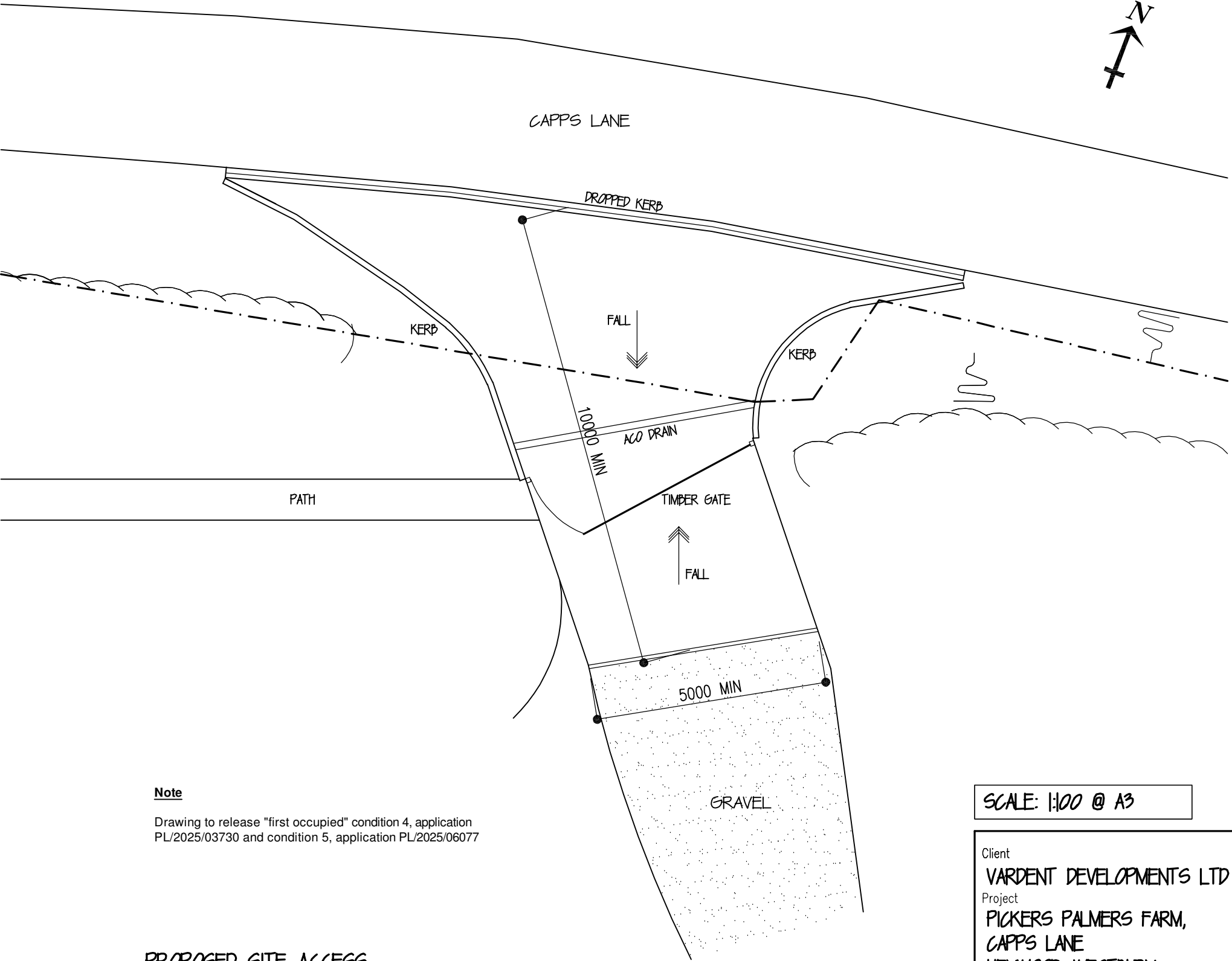
Kerbs shall be laid on:
150 × 150mm ST4/C20 concrete bed.
Back haunch:
ST4/C20 concrete
Minimum 150mm high
Minimum 150mm wide.

Alignment

- Kerbs shall be:
- True to line
 - True to level
 - Maximum deviation:
 - ±6mm vertically
 - 3mm under a 3m straightedge.

Joints

Close butt joints with a maximum joint width of 3mm.

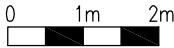


Note

Drawing to release "first occupied" condition 4, application PL/2025/03730 and condition 5, application PL/2025/06077

PROPOSED SITE ACCESS

(SCALE 1:100)



SCALE: 1:100 @ A3

Client
VARDENT DEVELOPMENTS LTD
Project
PICKERS PALMERS FARM,
CAPPS LANE
HEYWOOD, WESTBURY,
BA13 4NE



Title
PROPOSED SITE ACCESS

Date.	Drg. No.	Rev.
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