NOTE: If existing kerbing is natural stone, new crossing to be constructed using natural stone kerbing or similar approved.

PLAN VIEW OF DOUBLE ACCESS

Excavate existing material 295mm deep and construct domestic vehicular access with 225mm thickness well graded Granular Sub-base Type 1 to BS EN13285:2003, 50mm thickness 0 / 20mm size dense binder course with paving grade bitumen 160 / 220 to BS EN13108-1:2006 and 20mm thickness 0 / 8mm size dense surface course with paving grade bitumen 160 / 220 to BS EN13108-1:2006 (limestone aggregate must not be used).

Footway

Grade (Gradient)
Min 3.3% (1 in 30)
Max 8% (1 in 12)

Verge

Highway Boundary

Sawn joint and joint sealant to vertical face

Precast concrete edging size 50 x 150mm type EF

Rev B - Updated construction specification to new BS EN's - March 2017

Rev C - Updated sub-base depth and natural stone note added - July 2019

PLAN VIEW OF SINGLE ACCESS

Excavate existing material 295mm deep and construct domestic vehicular access with 225mm thickness well graded Granular Sub-base Type 1 to BS EN13285:2003, 50mm thickness 0 / 20mm size dense binder course with paving grade bitumen 160 / 220 to BS EN13108-1:2006 and 20mm thickness 0 / 8mm size dense surface course with paving grade bitumen 160 / 220 to BS EN13108-1:2006 (limestone aggregate must not be used).

Footway

Grade (Gradient)
Min 3.3% (1 in 30)
Max 8% (1 in 12)

Verge

Highway Boundary

Sawn joint and joint sealant to vertical face

Precast concrete edging size 50 x 150mm type EF

(Take up and replace existing kerb with precast concrete kerb 7 no, 125 x 150mm type BN, 1no, 125 x 150/255mm type DR1 and 1no, 125 x 150/255 type DL1)

Notes
1. In cases where a verge exists between the footway and the Highway boundary, the verge shall be excavated in accordance with the above specification.
2. All kerbing shall be new pre-cast concrete, or approved lightweight kerbing, unless otherwise directed by the Area Manager in writing.
3. The maximum crossfall must not be exceeded.
4. On A and B classified roads the Planning Authority may require a pedestrian intervisibility splay within the applicant’s site boundary. The area required for the splays shall be constructed in accordance with the above specifications.
5. This drawing should be read in conjunction with drawing number TMC3100/2

All dimensions are in millimetres unless otherwise stated.
NOTE: If existing kerbing is natural stone, new crossing to be constructed using natural stone kerbing or similar approved.

Precast concrete edging size
50 x 150mm type EF

Precast concrete Kerb size
125 x 255/150mm type DR1

Gradient (Fall to road).
Min 3.3% (1 in 30)
Max 8% (1 in 12)

Precast concrete Kerb size
125 x 150mm type BN

Precast concrete Kerb size
125 x 255/150mm type DL1

Precast concrete edging size
50 x 150mm type EF

Maximum Height 1 metre

NOTE: If existing kerbing is natural stone, new crossing to be constructed using natural stone kerbing or similar approved.

Precast concrete Kerb size
125 x 150mm type BN

Vehicle Crossing
25 to 35

Carriageway

Precast concrete Kerb size
125 x 150mm type DR1

Precast concrete Kerb size
125 x 255/150mm type DL1

Monolithic concrete
Class ST2 foundation and haunch

Monolithic concrete
Class ST2 foundation and haunch

Verge

Highway Boundary

Footway

All dimensions are in millimetres unless otherwise stated.

Rev A - Updated sub-base depth and natural stone note added - July 2019

Title: S184 VEHICULAR ACCESS TO PUBLIC HIGHWAY LAYOUT & KERBING/EDGING DETAILS

Scale: N.T.S

Date: 24/07/2019

Drawn By: P.T

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