

KEY

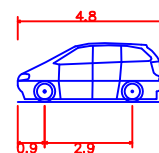
 Porous block paving.

Kent Design 'creating the design'

Source Kent Design Guide Pg 133
Designing for movement.

	Typical parameter	Notes	Recommended parameter range (required min or max standard shown in bold)
Width	3.0m	minimum width 3.0m if access required for fire tender	2.4 m / 4.8m
Anticipated vehicle types	car, fire tender	see section 6.16 for guidance on access for fire appliances	
pedestrian visibility at junction with highway	2.0m x 2.0m		>1.0m x 1.0m
Maximum gradient	10%	measures may be needed for driveways having a steep downward gradient to prevent vehicles grounding. This can include providing a roll over as shown below or modifying footway cross fall gradients	0.13

Visibility splays at shared and individual private drive ways



Standard Design Vehicle (SDV)
Overall Length 4.800m
Overall Width 2.000m
Overall Body Height 1.950m
Min Body Ground Clearance 0.100m
Track Width 2.000m
Lock to lock time 4.00s
Wall to Wall Turning Radius 6.000m

Electric Vehicle Charging – future proofing.

- The domestic client owns 2 vehicles. A second access will permit visitors or owners to use an on site EV charger should it be required.

RevNo Revision note

Vehicle Tracking

- The tracking exercise highlights that visitors to site can arrive and park even if the current driveway is used by a vehicle. Two parking spaces can be provided overall. Widening the crossover would not assist. As shown below. The steps to the front door would have to be removed for parking in the the frontage/driveway if you widen the crossover.

Current on Road Parking.

- Currently on road parking, on road footway parking by service vehicles and those visiting the shops is highlighted by KCC installing timber bollards on the eastern footway. An additional crossover will reinforce no parking should be on the footway.

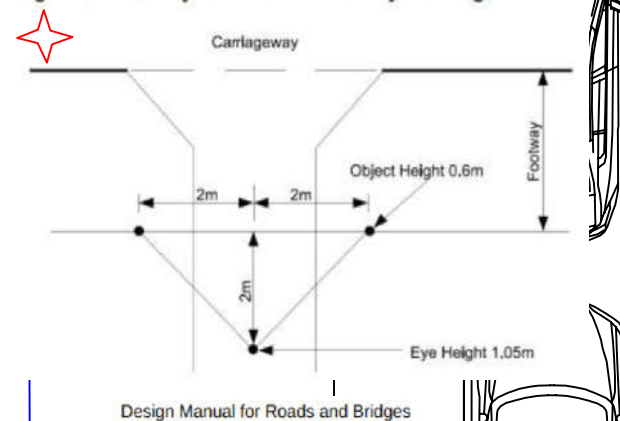
CDM REGULATIONS 2015 AND AMENDMENTS.

- The client must abide by the Construction Design and Management Regulations 2015. This includes appointing a contractor, if more than one contractor is to be involved, the client will need to appoint (in writing) a principle designer (to plan, manage and coordinate the planning and design work) and a principle contractor (to plan, manage and coordinate the construction and ensure there are arrangements in place for managing and organising the project).

Domestic clients

- The domestic client is to appoint a principle designer and a principle contractor when there is more than one contractor, if not your duties will automatically be transferred to the contractor or principle contractor.

Figure 3.3 Visibility at the back of footway crossing



Road Layout Design

CD 123

Geometric design of at-grade priority and signal-controlled junctions

KEY

 Amendments.

DMRB – Direct Access

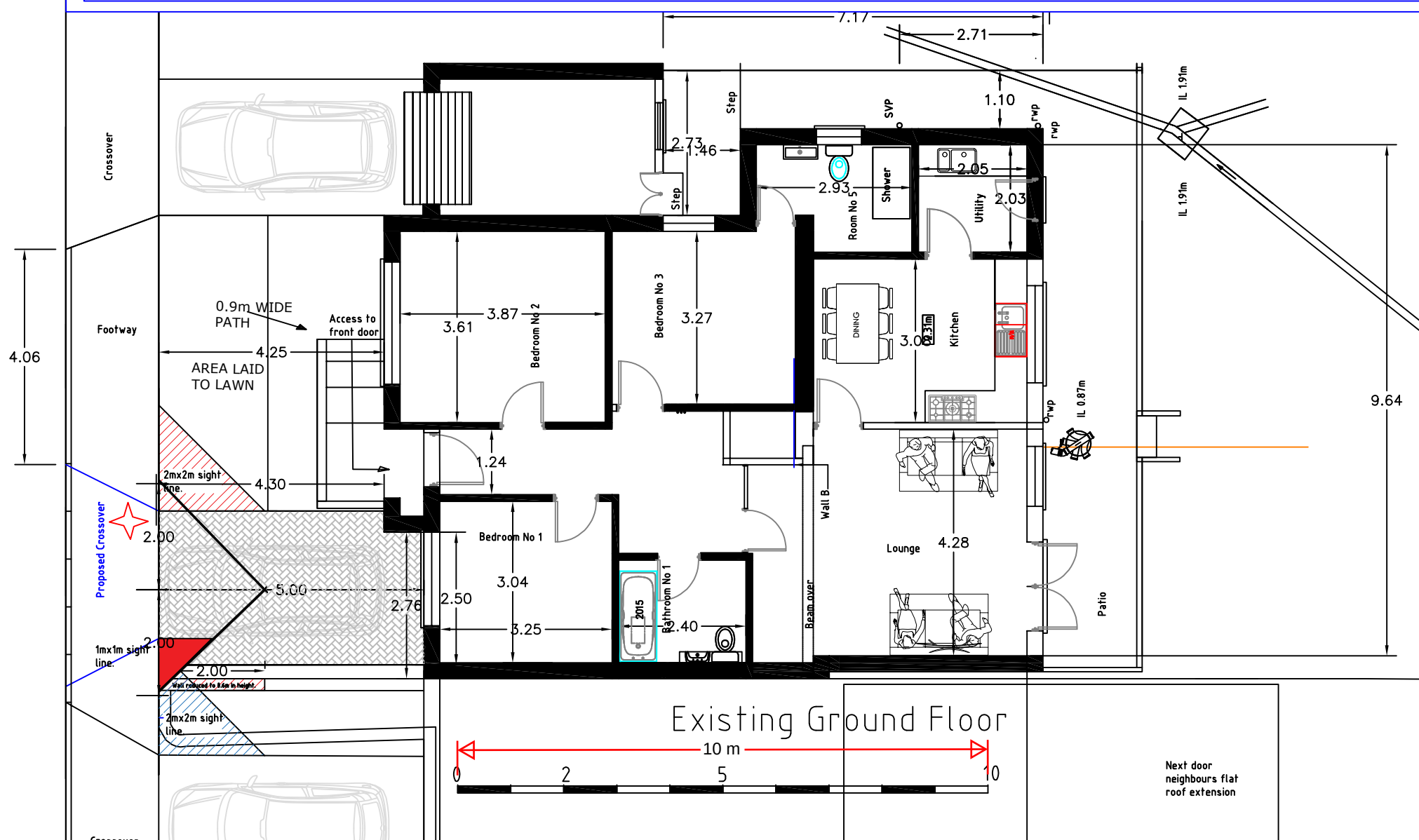
- The sight lines from the Design Manual for Roads and Bridges is now on the drawing.

Application by Overseeing Organisations

Any specific requirements for Overseeing Organisations alternative or supplementary to those given in this document are given in National Application Annexes to this document.

Feedback and Enquiries

Users of this document are encouraged to raise any enquiries and/or provide feedback on the content and usage of this document to the dedicated National Highways team. The email address for all enquiries and feedback is: Standards_Enquiries@highwaysengland.co.uk



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04.07.2025

Date 26.06.2025
03.06.2025

Signed

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Proposed Layout - Parking Provision - New Crossover.

Scale 1:100 @ A3

Drawing No TAB/06/209B