

NOTES									
1.	All dimensions are given in millimeters.								
2.	Kerbs shall be laid with dry joints and closely butted to adjacent kerbs.								
3.	For radii of 12 meters or less kerbs of the appropriate radius shall be used.								
4.	Where it is considered necessary to construct the kerb bedding in advance of the kerb laying and backing, the kerb shall be bedded on a 15min/40max mortar bed to designation (i) to table 24/1 clause 2404.								
5.	Where kerb bedding is constructed in advance of the kerb laying, 20dia x 200mm long mild steel dowels @450 c/c shall be placed in the bedding to allow for tying in kerb backing.								
6.	Kerb bedding to have a minimum thickness of 150mm or founded on the top surface of the sub-base which ever is the greater.								

C	Minor amendments	RS	KBL	KBL	10/09/19
B	Note added	RS	KBL	KBL	22/07/19
A	Revised to Client comments	RS	KBL	KBL	19/07/19
Rev	Amendment				

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Standard Details

Sheet 1 of 3

DRAWN	RS	CHECKED	KBL	APPROVED	KBL
DATE	Jul-19	DATE	Jul-19	DATE	Jul-19
SCALE	NTS	PRJ No.	191183	SIZE	REV
DWG No.	191183/SD/01			A1	C

The diagram contains several technical drawings for road construction details:

- Access Road Construction Detail with Filter Drain 1:** A cross-section showing a 4100mm wide road. It includes a 1.40m fall, a 0.5m wide, 1.2m deep filter drain with 100mm dia perforated pipe, OGCR grade 4/20 or DIT Type 3, and various layers of concrete, asphalt, and base material. Labels include: Grade ST1 concrete to clause 2602, 125 x 255 Precast concrete kerb to B.S. EN 1340 type CS1, 1.40 Fall, 0.5m wide, 1.2m deep filter drain with 100mm dia perforated pipe, Geotextile membrane, OGCR grade 4/20 or DIT Type 3, 40mm thick close graded Asphalt surface course designation AC 14 close surf 100/150. To comply with BS EN 13108-1 and CI 912 SHW, 60mm thick Dense Binder Course asphalt concrete to CI 906 SHW designation AC 32 dense binder 100/150 rec. To comply with BS EN 13108-1, 90mm thick Dense Base asphalt concrete to CI 906 SHW designation AC 32 dense base 100/150 rec. To comply with BS EN 13108-1, 350mm thick Type 1 to CI 803 SHW with minimum CBR of 20%.
- Access Road Construction Detail with Filter Drain 1:** A cross-section showing a 1.40m fall, a 0.5m wide, 0.8m deep filter drain with 100mm dia perforated pipe, OGCR grade 4/20 or DIT Type 3, and various layers of concrete, asphalt, and base material. Labels include: 1.40 Fall, 0.5m wide, 0.8m deep filter drain with 100mm dia perforated pipe, Geotextile membrane over end of pipe to prevent debris entering filter drain, Vertical pipes at 2m spacing (alternate channel units), OGCR grade 4/20 or DIT Type 3, 1.40 Fall.
- Driveway Construction Detail:** A cross-section showing a driveway with a 300mm min. width. It includes a 20mm thick Resin Bound Permeable Surfacing (Clearbound), 80mm thick Open Surface Course Tarmacadam designation AC 14, 225mm thick OGCR grade 4/20 or Type 3 to CI 805 to achieve min CBR value of 20%, and various layers of concrete, asphalt, and base material. Labels include: Geotextile membrane, Impermeable membrane laid 1.5m from building, Sub base of patio and driveway construction to be founded in Gravel Head Deposits, thickness to be increased if necessary, 20mm thick Resin Bound Permeable Surfacing (Clearbound), 80mm thick Open Surface Course Tarmacadam designation AC 14, 225mm thick OGCR grade 4/20 or Type 3 to CI 805 to achieve min CBR value of 20%, Surface Course, Base Course, Sub Base.
- Driveway Construction Detail:** A cross-section showing a driveway with a 300mm min. width. It includes a 20mm thick Resin Bound Permeable Surfacing (Clearbound), 80mm thick Open Surface Course Tarmacadam designation AC 14, 225mm thick OGCR grade 4/20 or Type 3 to CI 805 to achieve min CBR value of 20%, and various layers of concrete, asphalt, and base material. Labels include: Geotextile membrane, Impermeable membrane laid 1.5m from building, Sub base of patio and driveway construction to be founded in Gravel Head Deposits, thickness to be increased if necessary, 20mm thick Resin Bound Permeable Surfacing (Clearbound), 80mm thick Open Surface Course Tarmacadam designation AC 14, 225mm thick OGCR grade 4/20 or Type 3 to CI 805 to achieve min CBR value of 20%, Surface Course, Base Course, Sub Base.
- Footpaths Construction Detail:** A cross-section showing a footpath with a 200 x 50 Precast concrete edging to B.S. EN 1340 type EF, 450mm x 450mm paving slabs, 30mm thick Sand Bedding, and various layers of concrete, asphalt, and base material. Labels include: 200 x 50 Precast concrete edging to B.S. EN 1340 type EF, 450mm x 450mm paving slabs, 30mm thick Sand Bedding, Grade ST1 concrete to clause 2602, Verge, Existing carriageway construction.
- Kerb Type EF:** A cross-section showing a kerb with a 200 x 50 Precast concrete edging to B.S. EN 1340 type EF, 450mm x 450mm paving slabs, 30mm thick Sand Bedding, and various layers of concrete, asphalt, and base material. Labels include: 200 x 50 Precast concrete edging to B.S. EN 1340 type EF, 450mm x 450mm paving slabs, 30mm thick Sand Bedding, Grade ST1 concrete to clause 2602, Verge, Footway Construction Surface Course, Binder Course, Sub Base.
- Full Depth Footway Construction:** A cross-section showing a full depth footway with a 25mm thick Close Graded Asphalt concrete to CI 912 SHW designation AC 10 close surf 100/150. To comply with BS EN 13108-1, 60mm thick Dense Binder Course asphalt concrete to CI 906 SHW designation AC 32 dense binder 100/150 rec. To comply with BS EN 13108-1, 150mm thick Type 1 to CI 803 SHW with minimum CBR of 20%, and various layers of concrete, asphalt, and base material. Labels include: Proposed kerb, Proposed footway construction, Grade ST1 concrete to clause 2602, 25mm thick Close Graded Asphalt concrete to CI 912 SHW designation AC 10 close surf 100/150. To comply with BS EN 13108-1, 60mm thick Dense Binder Course asphalt concrete to CI 906 SHW designation AC 32 dense binder 100/150 rec. To comply with BS EN 13108-1, 150mm thick Type 1 to CI 803 SHW with minimum CBR of 20%, Surface Course, Binder Course, Sub Base, Capping.
- Carriageway Tie-in Construction Detail:** A cross-section showing a carriageway tie-in with a 300mm min. width. It includes a 20mm thick Resin Bound Permeable Surfacing (Clearbound), 80mm thick Open Surface Course Tarmacadam designation AC 14, 225mm thick OGCR grade 4/20 or Type 3 to CI 805 to achieve min CBR value of 20%, and various layers of concrete, asphalt, and base material. Labels include: Existing kerb, Proposed widening (full depth construction), Proposed kerb, 300mm min., 300mm min., Surface Course, Binder Course, Base Course, Sub Base, Capping.

DWG No. 191183/SD/01

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