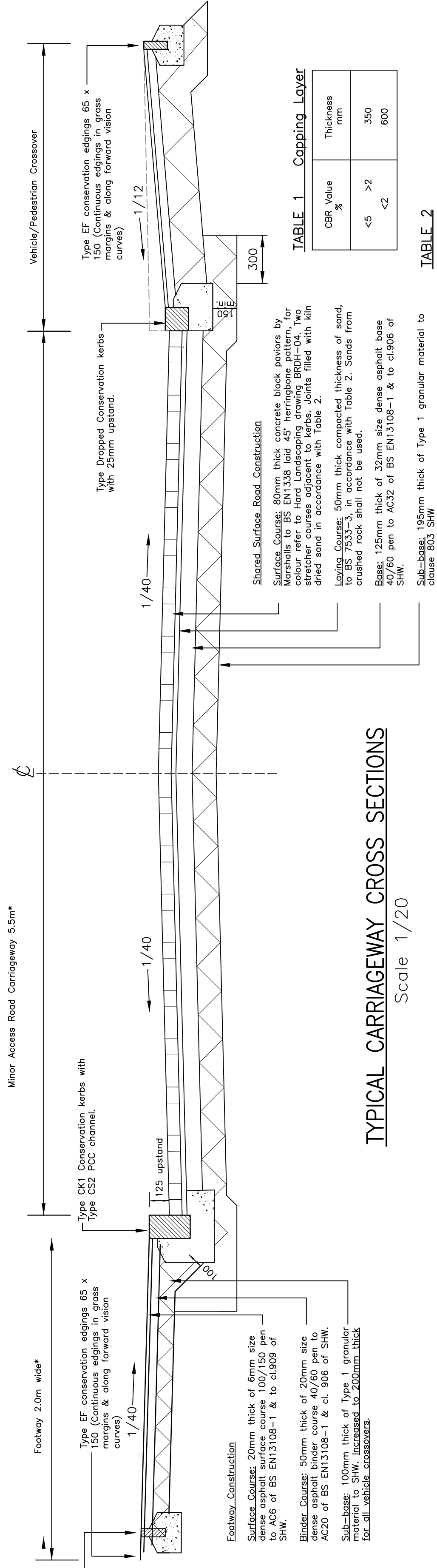


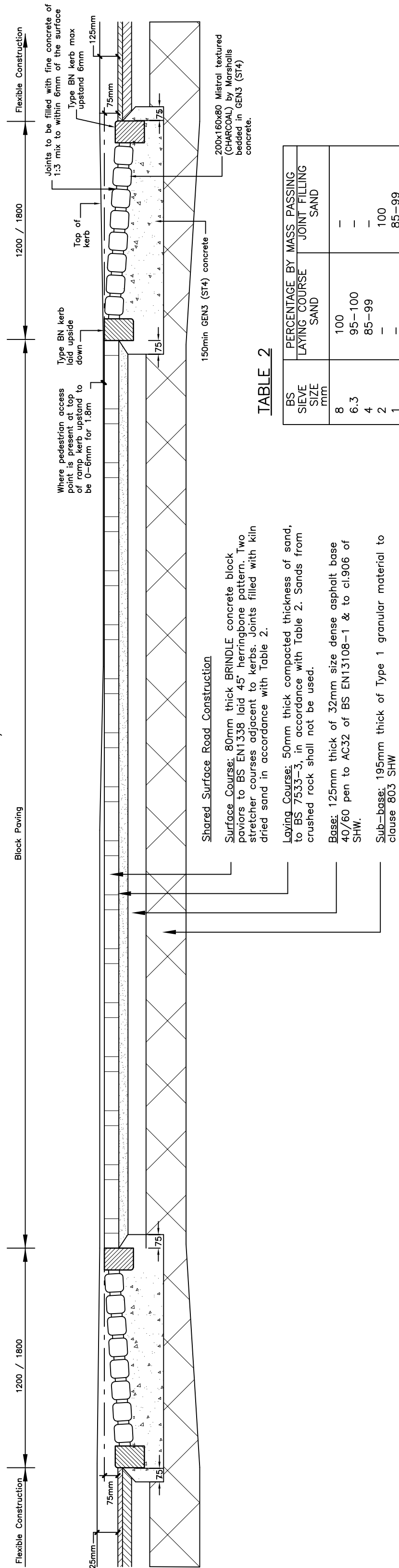
*Refer to Engineering Layout



TYPICAL CARRIAGEWAY CROSS SECTIONS

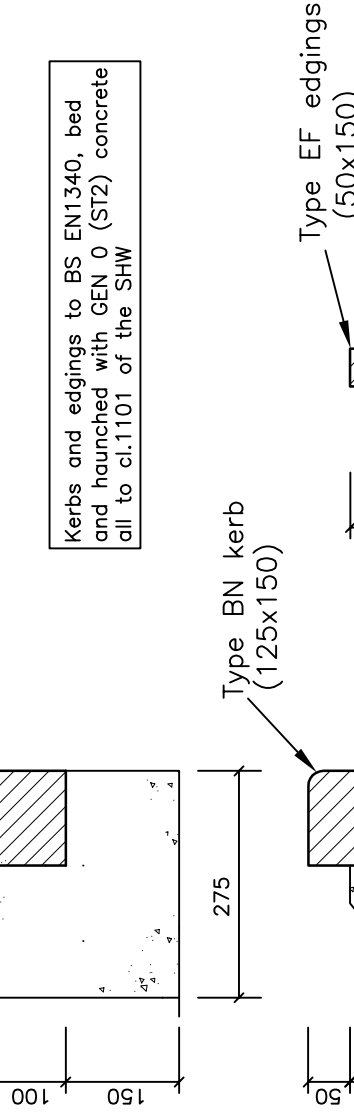
Scale 1/20

Scale 1/20



RAISED TABLE DETAIL

Scale 1/20

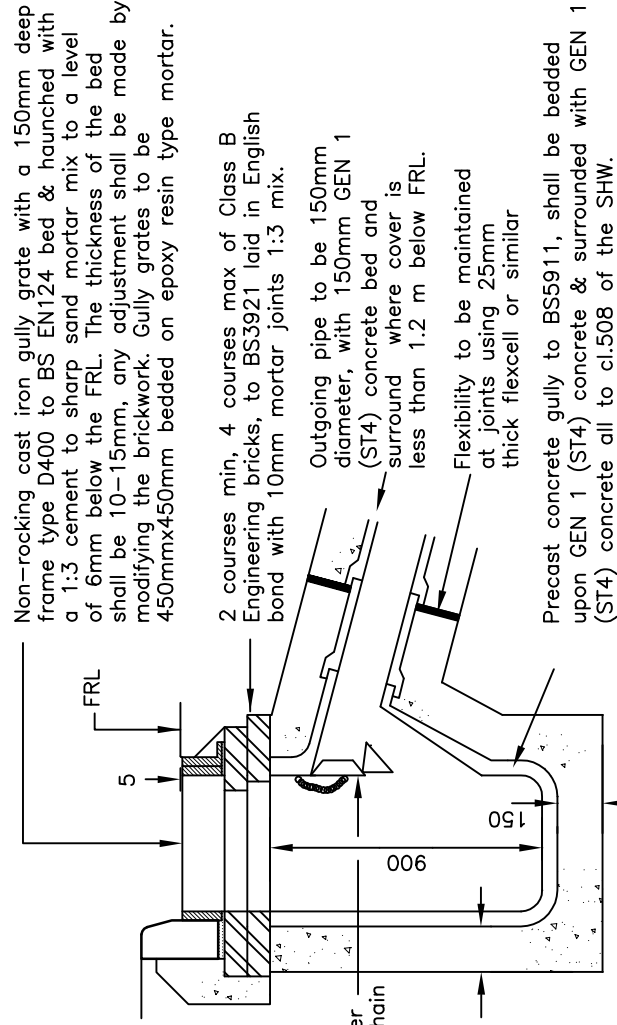


EDGE RESTRAINTS

Scale 1/10

STREET LIGHTS ACCESS PLINTH
(Where footways/service margins are less than 0.5m wide)

Scale 1/50



GULLY DETAIL

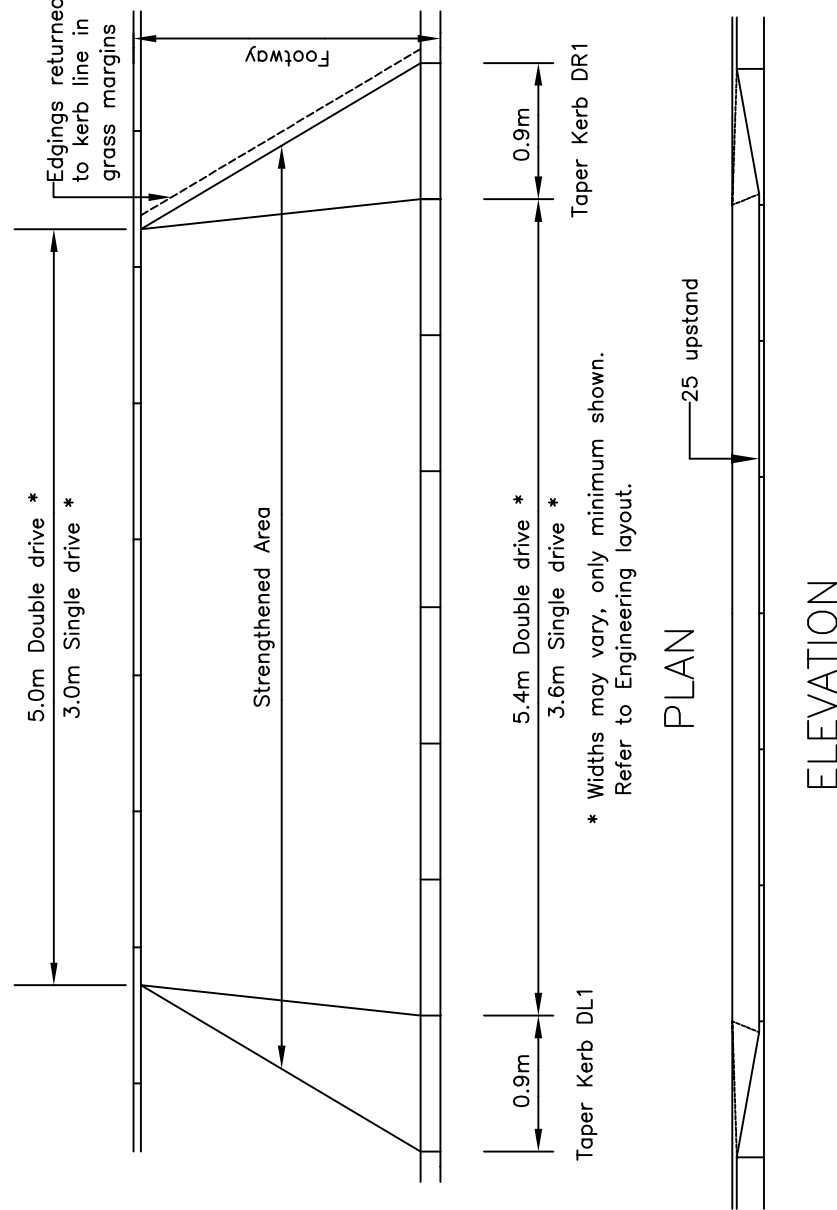
Scale 1/25

TEMPORARY KERB RACE DETAIL

Scale 1/10

VEHICLE Crossover PLAN

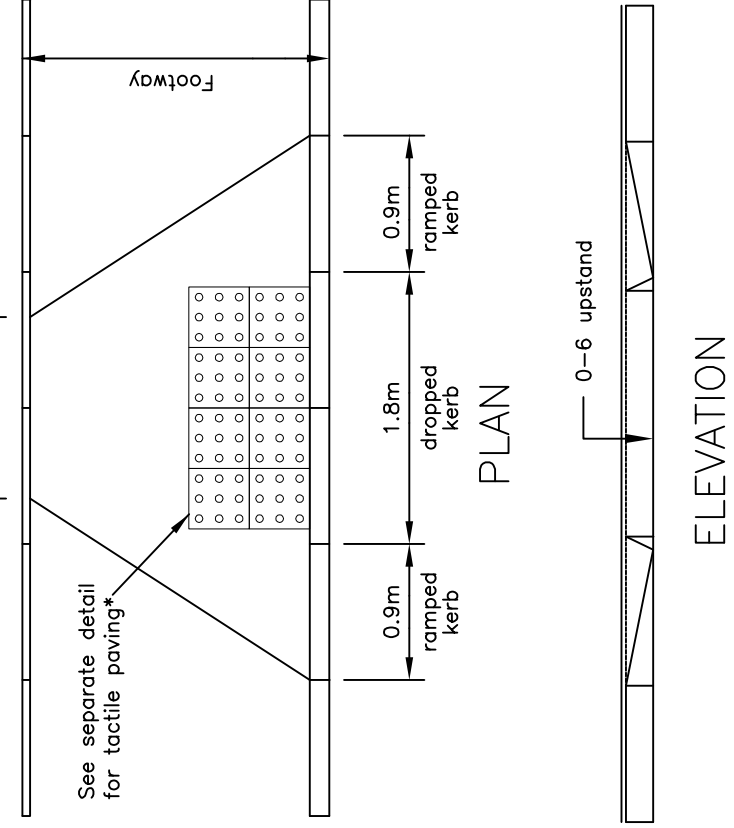
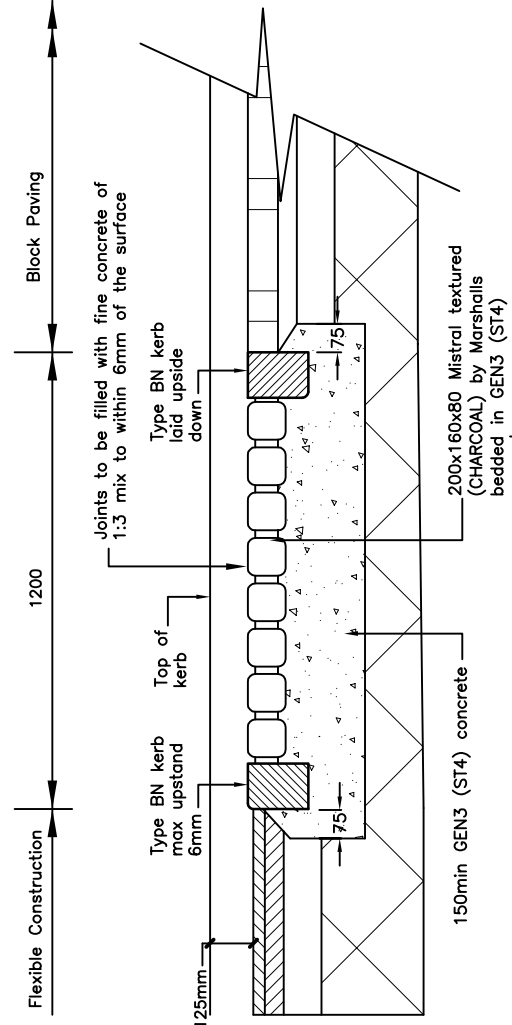
Scale 1/50



ELEVATION

FLAT PANEL DETAIL

Scale 1/20



PRAM CROSSING DETAIL

Scale 1/50

NOTES

- All carriageway materials to be laid and compacted in accordance with their respective British Standard and DTP Specification for Highway Works. (SHW) Including West Sussex County Council amendments Asphalt (HMA & WMA) – BS 59487 Tack Coat – BS 59487 Capping – Series 600 of SHW Concrete Paving Blocks – BS 7533-3 Keres – BS 7533-4
- Additional material required to make up levels in fill areas shall be a well compacted material with a CBR of 15% or greater and shall be compacted to a minimum depth of 300mm beyond the kerb haunching will be required to facilitate adequate compaction at the edges.
- If the basecourse is to be left as a running surface then it shall be sealed with coated grit immediately on completion of the bindercourse.
- A tack coat of K1-40 or A1-40 to BS434(Pt.1; and Pt.2 shall be applied prior to the next course being laid on all courses that are not covered immediately by the next layer. The rate of application shall be 0.4 L/S.
- All road construction to be strictly in accordance with the West Sussex County Council Specification and the SHW.
- Any discrepancy in soil condition to be reported to the resident site management and the Highway Inspector.
- Formation level to be treated with a granular weed killer or pre-emergent type.
- Gully pots and ironwork shall comply with the BS1 Interlocking Standard and shall be marked with the BSI trademark, the 'Kitemark'.
- No surfacing areas are to be completed until all street lighting columns, traffic signs and street furniture are completed and the only with the approval of the Highway Authority.
- Footways and footpaths basecourse to be sealed with coated grit if not topped with wearing course within 48 hours.
- All gullies to be adopted by the Highway Authority are to have a Grade 0400 cover & frame with a 900x92 min. area of waterway and a min. combined cover & frame weight of 50kg. Gully grates located within Homezones and shared surface area shall be suitable for pedestrian use.
- All gullies within the carriageway are initially to be set at 150mm above basecourse level and reset prior to the final wearing course.
- Particular attention must be given to exposing the formation level (FRL) to the elements of the FL haunch of the kerb being laid if the FL haunch is left open to the elements for longer than necessary & has subsequently weakened the sub-soil then the FL shall be reduced further to a level agreed with the Engineer and replaced with a suitable material as per Note 2.
- The contractor is to provide prior to construction a detailed method statement for the proposed construction methods and recycled materials to Highway Authority and Bovis Homes for approval.
- In-situ CBR tests shall be taken to confirm the coping layer/fall-base requirements & to finalise the overall construction thickness prior to the commencement of construction. The BH Engineer will agree with the highway authority the above requirement.

BOVIS HOMES
Bovis Homes Limited
Southern Region,
The Manor House,
North Ash Road,
New Ash Green, Longfield,
Kent, DA3 8BQ.
Tel: 01474 872427
Fax: 01474 876323
DX: 41950 New Ash Green 2

SITE
HAMPTON PARK
LITTLEHAMPTON, WEST SUSSEX

DRAWING TITLE
TYPICAL ROAD DETAILS
WEST SUSSEX COUNTY COUNCIL

DRAWN BY: RE
DATE: OCTOBER 2011
SCALE: As Shown
CHECKED/DIE: LITL-504
REV

SHW = Specification for Highway Works (current amendment)

* Refer to Engineering Layout

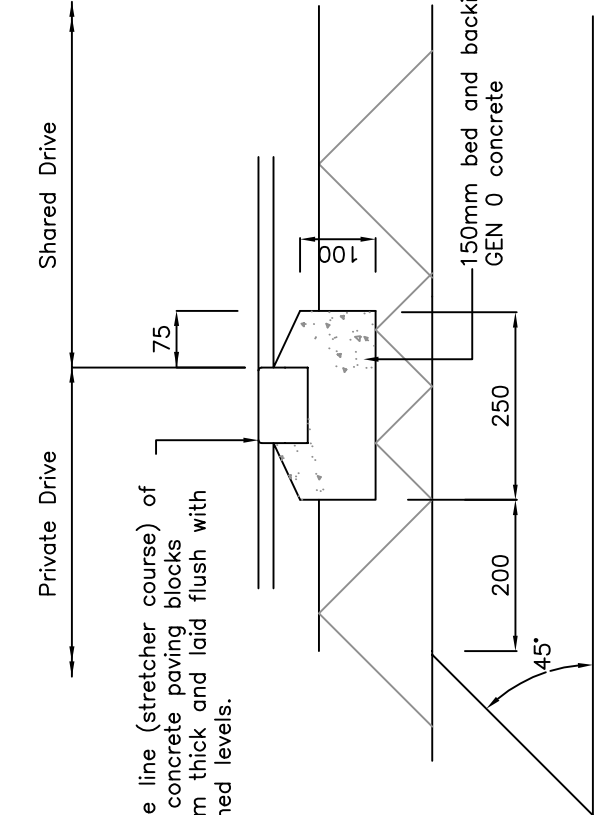
General Notes

- The formation level (FL) shall be free of all vegetation and roots & shall be treated with a granular weed killer of the pre-emergent type.
- The F.L. shall receive one pass of the designated roller to minimise any subsequent settlement.
- If for any reason the F.L. is exposed to wet weather longer than 8 hours without a protective layer then the F.L. shall be reduced to a new level 200mm below the F.L. previously indicated and the surface shall be compacted. Any such material shall be classed as unacceptable.
- Additional material required to make up levels in fill areas compacted to 98% of MDD shall be compacted in 150mm layers. The binder course shall be compacted in accordance with BS6031 (Code of Practice for Earthworks) An increase in width of 200mm beyond the sub-base shall be compacted to facilitate adequate compaction at the edges.
- CBR tests shall be taken once 2. above has been completed to determine the sub-base construction thickness and trial holes can be taken prior to commencement of construction. These tests to be carried out by an Engineer.
- All drive construction materials shall be laid and compacted in accordance with their respective British Standard.
Macadams – BS 5948:87
Kerbs – BS 5931
Blocks – BS 7533-4
 – BS 7533-3
- If the binder course is to be left as a running surface then it shall be sealed with coated grit immediately on completion of the binder course (basecourse).
- A tack coat of K1-40 or A1-40 shall be applied to the binder course prior to the surface course being laid if the previous course is not to be covered immediately by the next layer. The rate of application shall be 0.4 L/m².
- Where possible surface course and binder course to the shared drives shall be machine laid using a mini-paver and compacted using a smooth wheeled roller 6–12t dead weight or equivalent. Private drives shall be hand laid.
- Samples of Laying Course & sub-base material shall be made available to the Engineer for compliance testing 4 weeks prior to the start of construction and shall be undertaken during the actual construction of the drives.

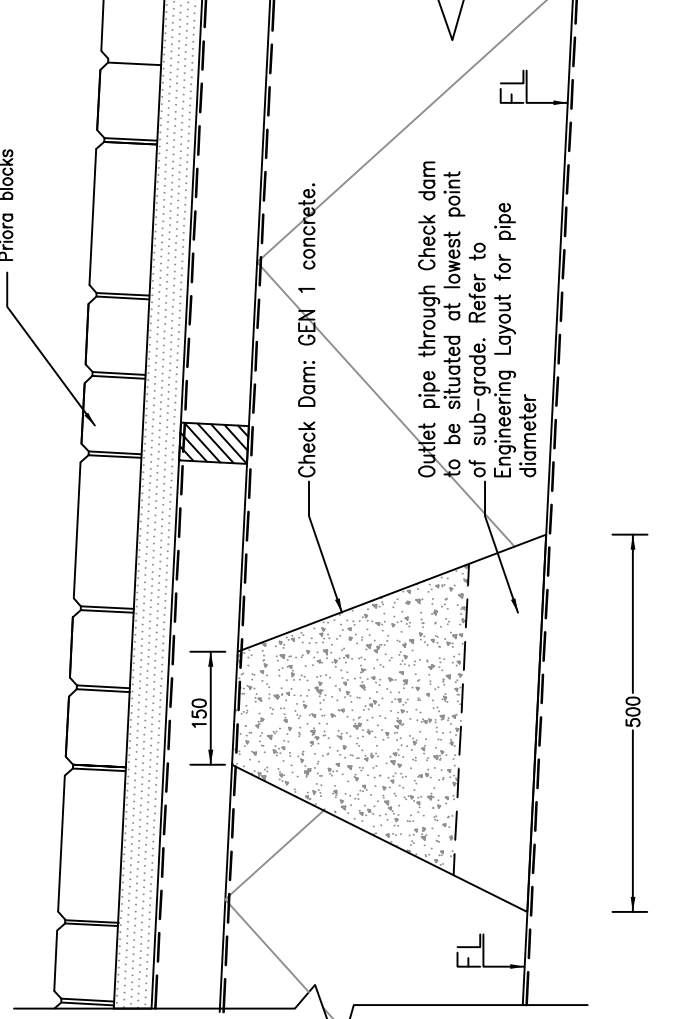
Grading & material certificate to be provided to SH Engineer for approval.

FL Formation Level
GL Ground Level
PPFL Permeable Paving Formation level

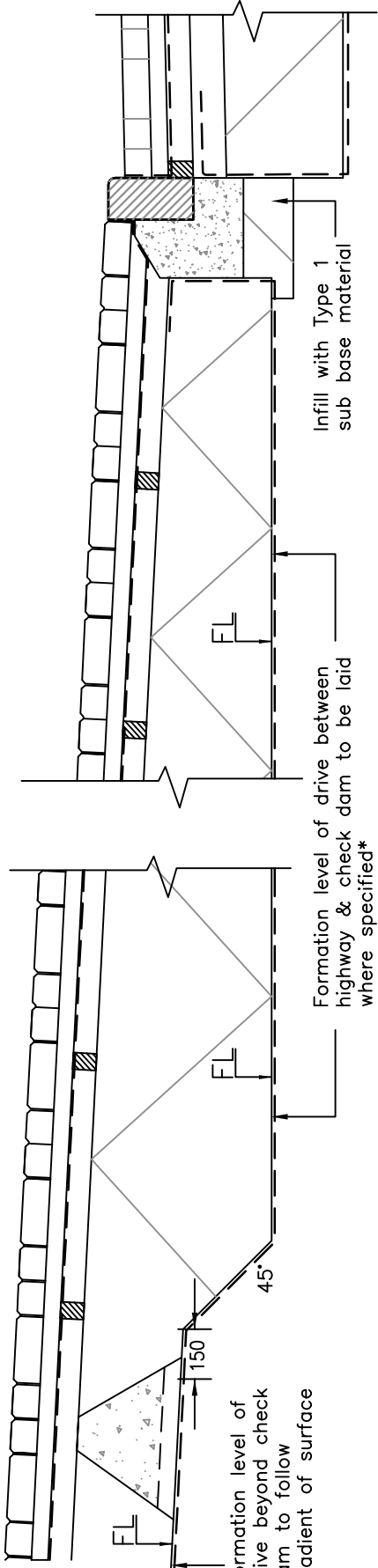
* Refer to Engineering layout for width, levels etc.



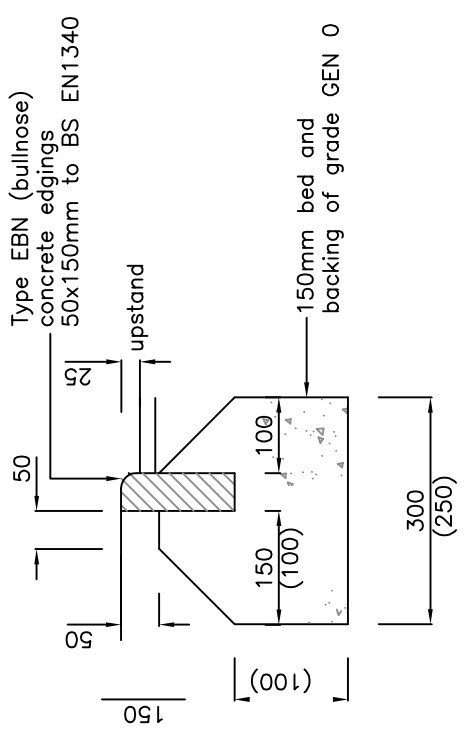
DEMARCATON (dm)
Scale 1/10



CHECK DAM IN PERMEABLE DRIVE
Scale 1/10

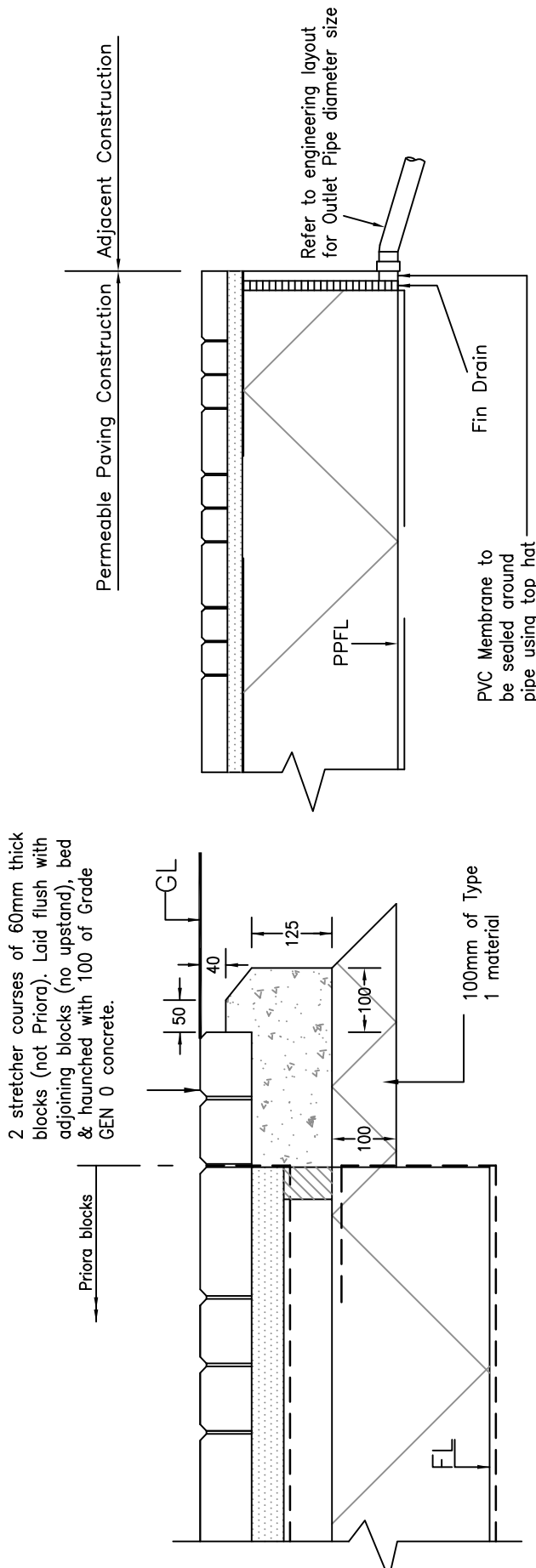


STEPPED FORMATION IN PERMEABLE DRIVE

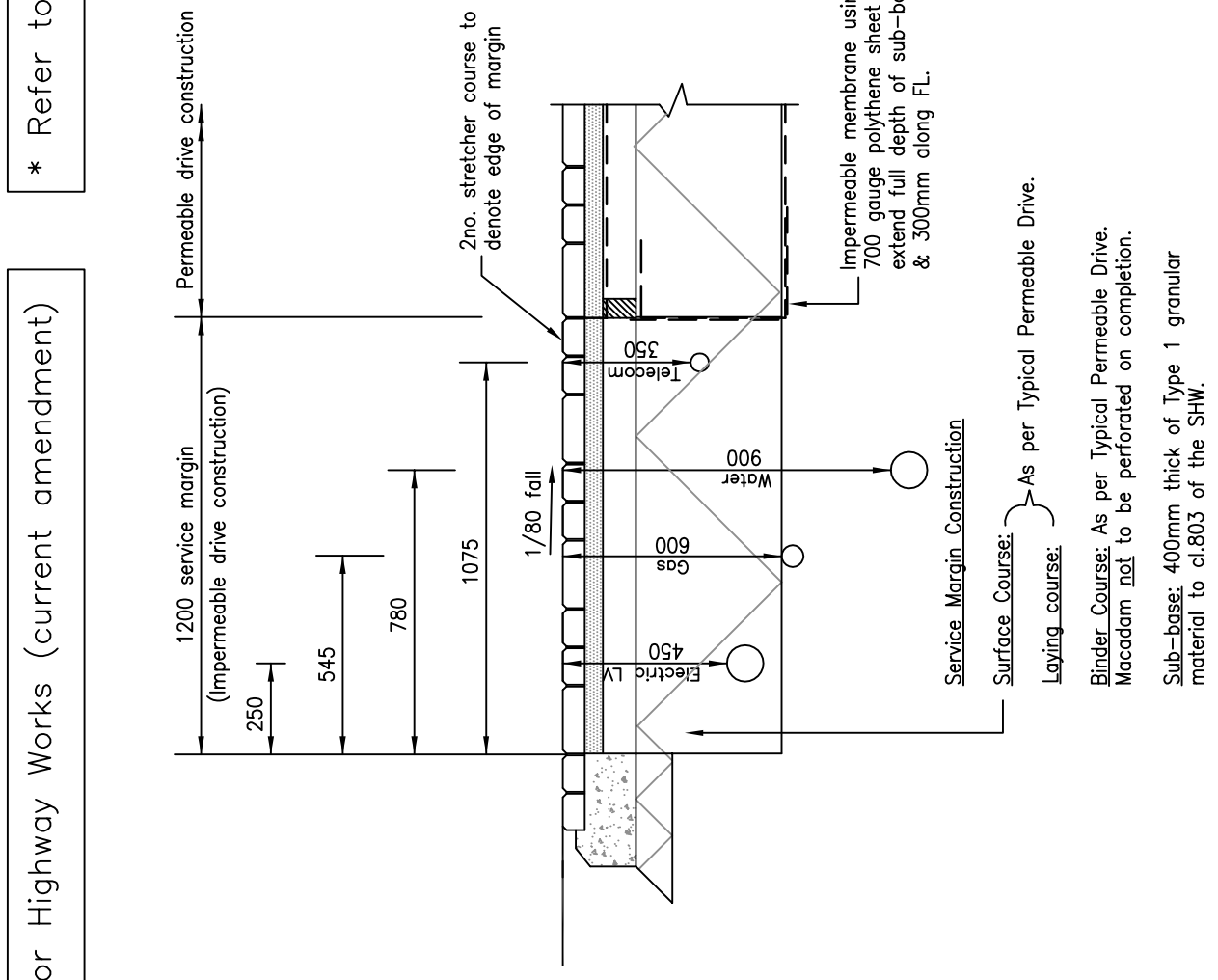


KERB RESTRAINT
Scale 1/10

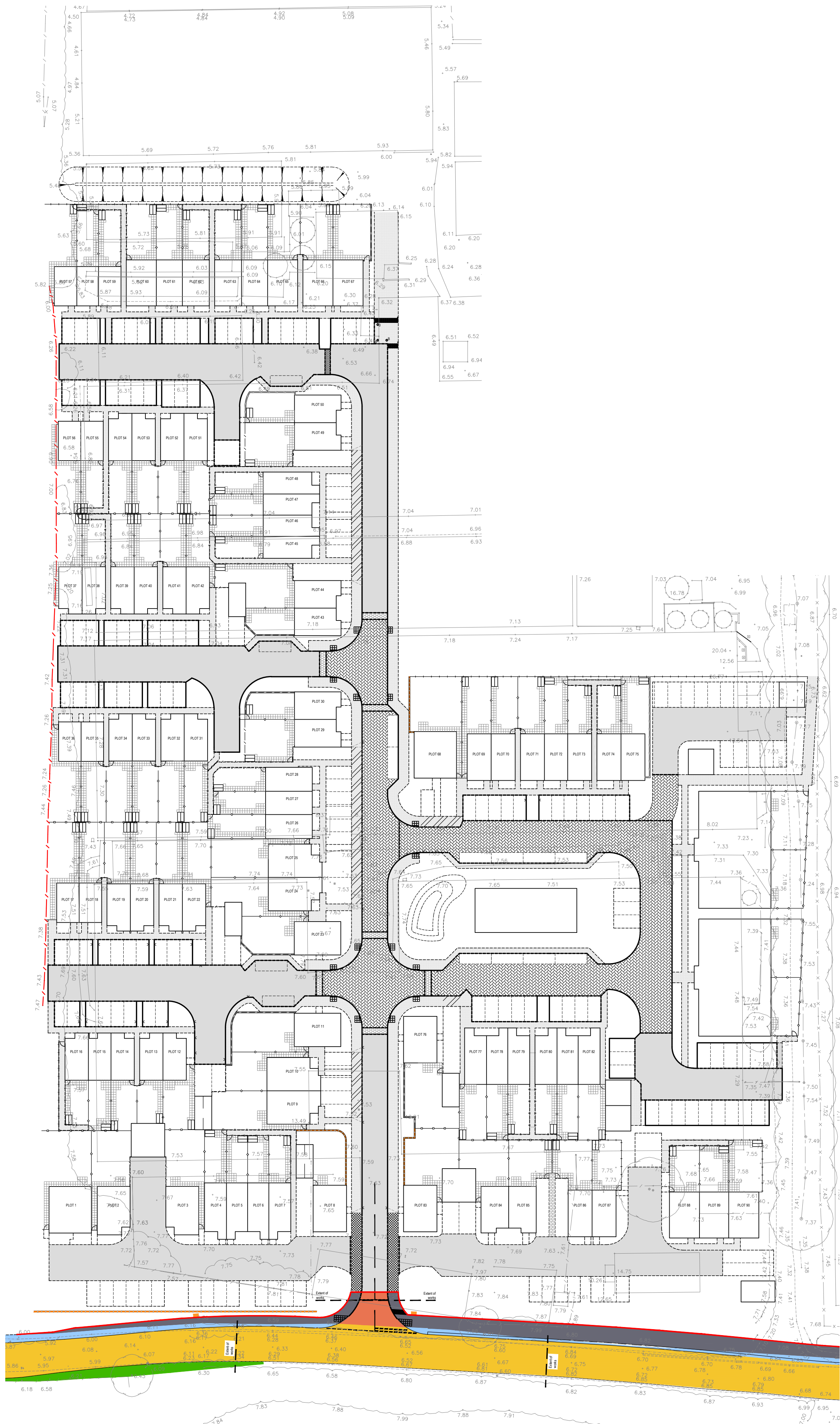
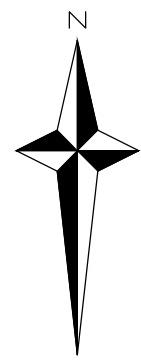
ROLLOVER DETAIL
Scale 1/50



POROUS DRAIN IN PERMEABLE BLOCK PAVING



APPENDIX Q: Drawings, Parcel A1: Civil & Drainage Drawings



CONSTRUCTION KEY

ASPHALT FOOTWAY CONSTRUCTION	
20mm	AC 6 dense surf 100/150 recipe mix to BS EN13108-1: 2006
50mm	AC 20 dense bin 40/60 recipe mix to BS EN13108-1: 2006
200mm	Type 1 Sub-base to CI.803
ASPHALT CROSSOVER TYPE 1	
25mm	AC6 Close surf 100/150 to BS EN13108-1: 2006
50mm	AC20 dense binder 40/60 recipe mix to BS EN13108-1: 2006
200mm	Type 1 Sub-base to CI.803
HEAVY DUTY ASPHALT CROSSOVER	
30mm	AC10 close surf 100/150 to BS EN13108-1:2006
50mm	AC20 dense binder 40/60 recipe mix to BS EN13108-1: 2006
100mm	AC32 dense base 40/60 recipe mix to to BS EN13108-1: 2006 to grading BS EN 13242:2002
270mm	Type 1 Sub-base to CI.803
ASPHALT CARRIAGWAY CONSTRUCTION	
30mm	AC10 Close surf 100/150 to BS EN13108-1: 2006
50mm	AC20 dense binder 40/60 recipe mix to BS EN13108-1: 2006
100mm	AC32 dense base 40/60 recipe mix to to BS EN13108-1: 2006 to grading BS EN 13242:2002
750mm	Sub-base using 20mm Priora aggregates
BLOCK PAVED RAMP TYPE 5 (S278/38/16/C)	
80mm	Precast concrete blocks to BS EN1338: 2003
150mm	Freshly laid and unset C20/20 class concrete bed
580-775 mm	Sub-base using 20mm Priora aggregates
PERMEABLE BLOCK PAVED CARRIAGEWAY	
80mm	Marshalls Priora block paving laid using Herringbone pattern
50mm	Laying course using 6mm Marshalls Priora aggregates
80mm	AC32 dense base 40/60 recipe mix to BS EN13108-1:2006 perforated with cored 100mm diameter holes at 750mm centres
795 mm	Sub-base using 20mm Priora aggregates
ASPHALT DRIVEWAY	
25mm	AC6 close surf 100/150 to BS EN13108-1: 2006
50mm	AC20 dense binder 40/60 recipe mix to BS EN13108-1: 2006
200mm	Type 1 sub-base to CI.803
GRANITE SETT RUMBLE STRIP	
200mm	Granite Setts
150mm	ST1 concrete
580mm	Sub-base using 20mm Priora aggregates
PATIO/FOOTWAY CONSTRUCTION	
50mm	Buff Riven slabs to Landscape Architects specification
30mm	Sharp sand laying course
150mm	Type 1 sub-base

NOTES

1. This drawing to be read in conjunction with all relevant documents and specifications.
2. Dimensions not to be scaled.

S.278 / S.38 KEY

	S.278 Carriageway
	S.278 Footway
	S.278 Verge
	S.38 Carriageway
	S.38 Footway
	S.38 Easement
	Proposed limit of adoption

Rev.	Description	Date	Chkd
 G			