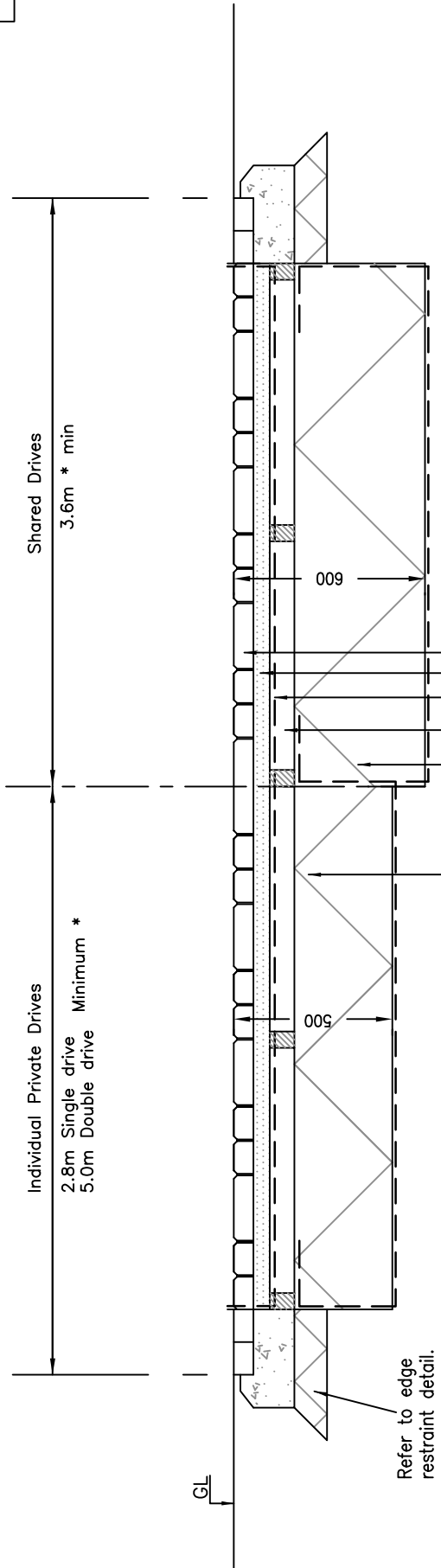


SHW = Specification for Highway Works (current amendment)

* Refer to Engineering Layout



CONSTRUCTION

Surface Course: 60mm thick Priro concrete block paving manufactured to comply with BS EN 12424. The blocks shall be laid on a 150mm thick bedding of 0/5mm material. The joints between blocks shall be filled with sand. A light dressing of 2mm single size aggregate shall be applied to the top surface of the blocks. The bedding shall be compacted to a minimum of 95% relative compaction. The surface course shall be finished to a level of 100mm below the finished ground level.

Laying Course: 50mm thick of 5mm clean single size crushed stone to BS EN 12424. The bedding shall be compacted to a minimum of 95% relative compaction. The laying course shall be finished to a level of 100mm below the finished ground level.

Geotextile: Permeable fabric such as Terram 700 or similar approved overlapping 300mm & taped at joints. The geotextile to be brought up the sides of the laying course & surface blocks & trimmed off flush after laying.

Base: 70mm thick of A20 dense base asphalt 40/60 to BS EN 13108-1. After building work is complete clean the surface removing all caked mud, slurry etc. Cut/junch 50mm dia holes at 1.0m ctrs (staggered) through asphalt into sub-base & fill holes with 5mm clean stone (Laying course), lay geotextile fabric (Terram 700 or similar approved). Complete laying course & surface course directly after.

Sub-Base: Asie width min 400mm thick, individual parking spaces min 300mm thick of clean crushed gravel, rock or concrete free from clay, or unclean material & or similar approved overlapping 300mm & taped at joints. The geotextile to be brought up the sides of the laying course & surface block & trimmed off flush after laying.

Sub-grade: The sub-grade shall be accompanied with a fall as per fall of drive. The above overall construction depth is the minimum.

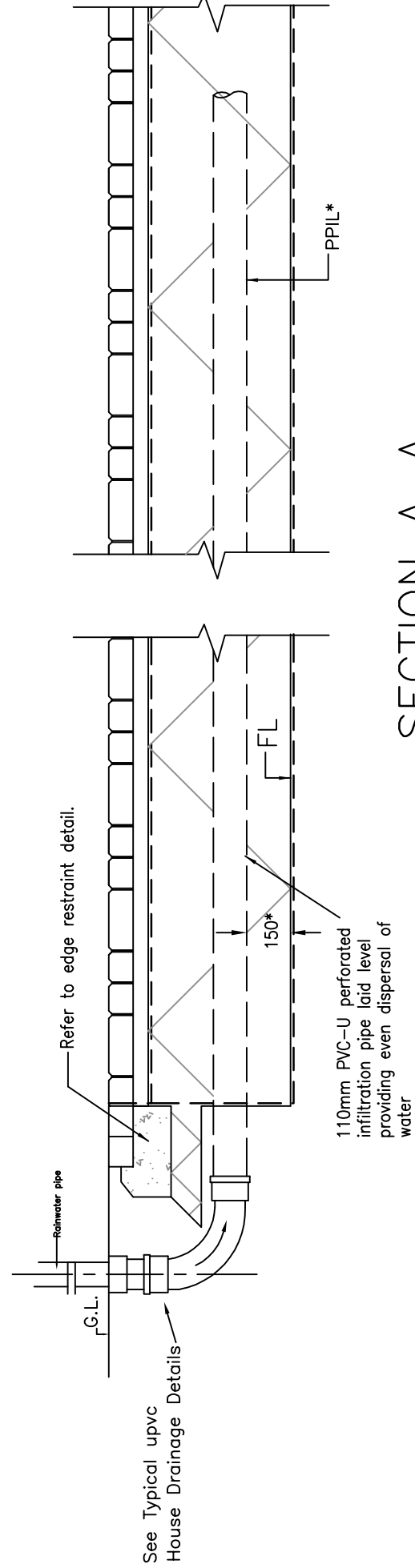
TABLE 1 (sub-base)

BS SUB-BASE SIZE	% PASSING
100mm	100
37.5mm	80-80
20mm	15-30
10mm	0-5
Percentage Void Ratio:	40-50%

NB Base layer to be increased to 90mm thick if used for construction traffic. (see note 8)

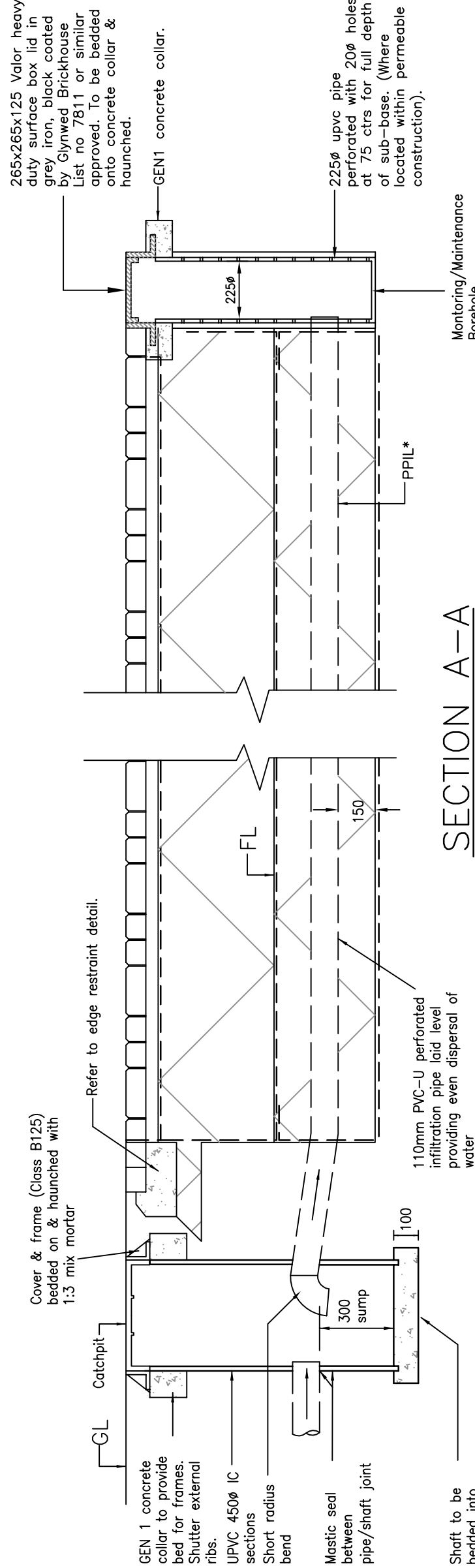
TYPICAL PERMEABLE DRIVE CROSS SECTION

Scale 1/20



SECTION A-A

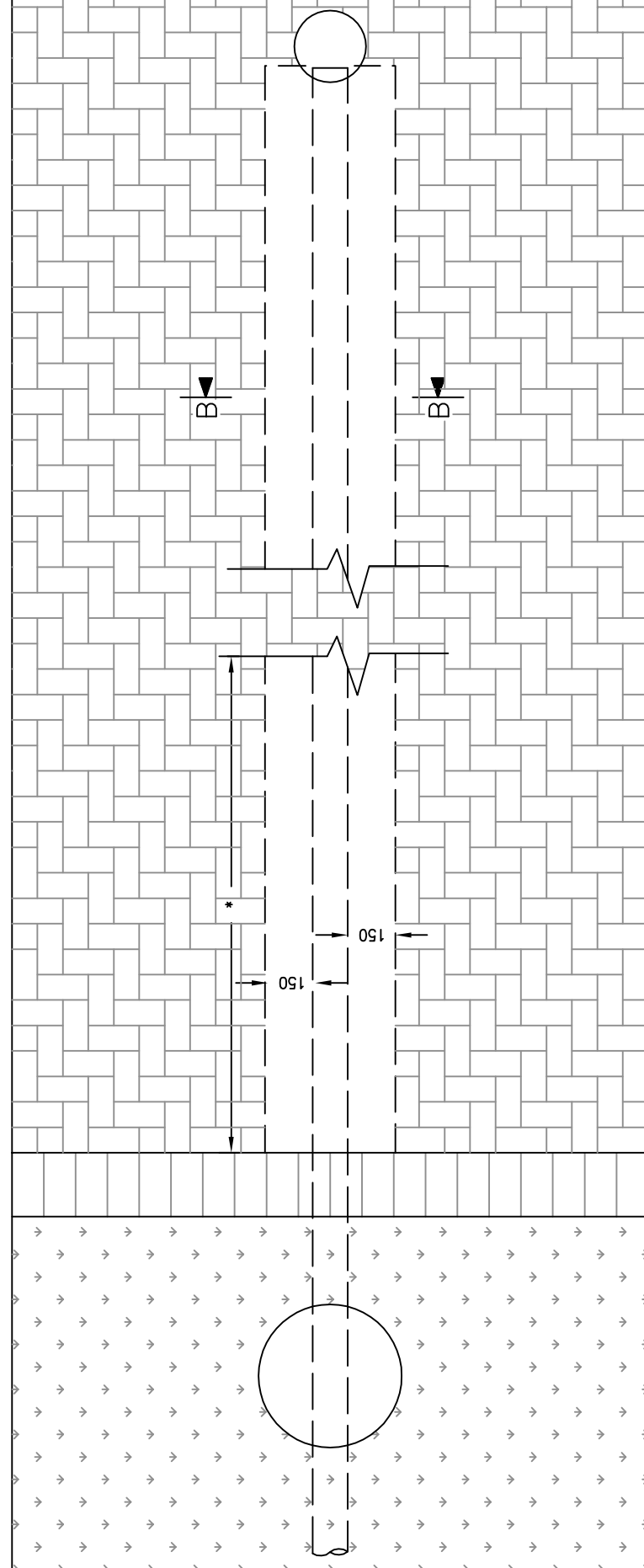
(For Downpipe Connection within construction)



SECTION A-A

(For Catchpit Connection below construction)

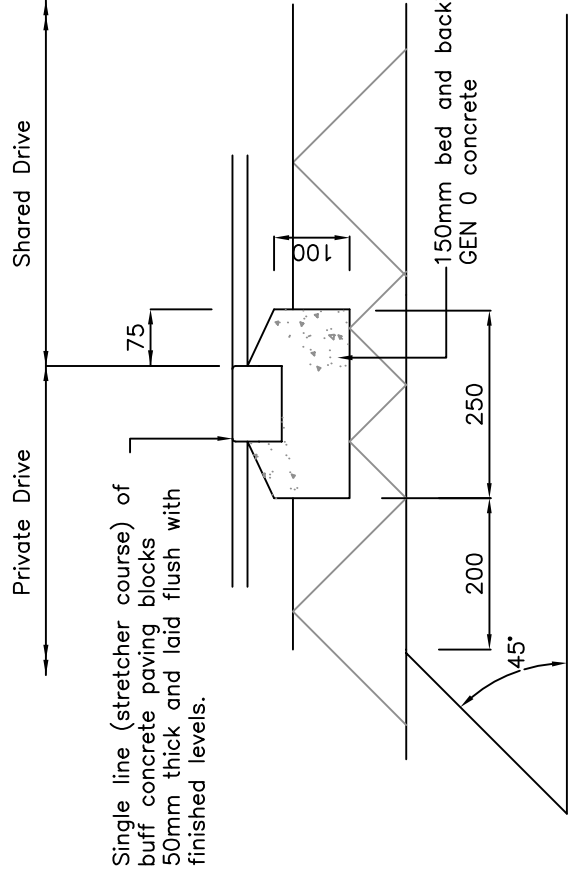
• Scale from Engineering Layout dwg's



PLAN

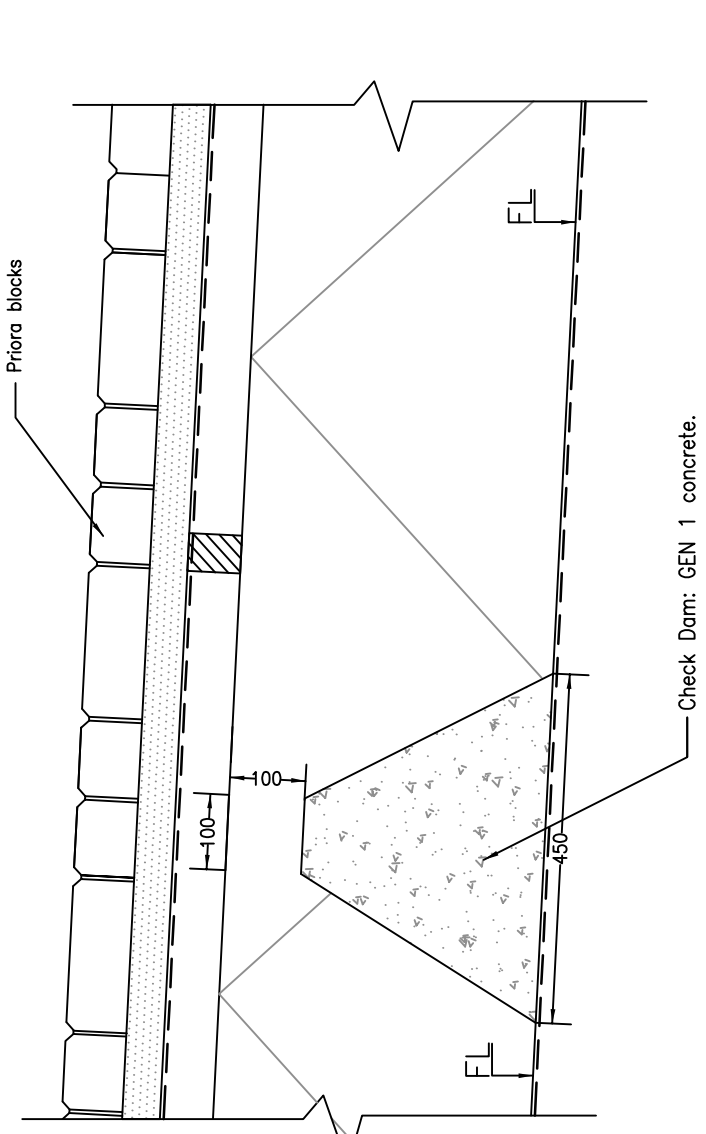
INFILTRATION PIPE DISTRIBUTION

Scale 1/20



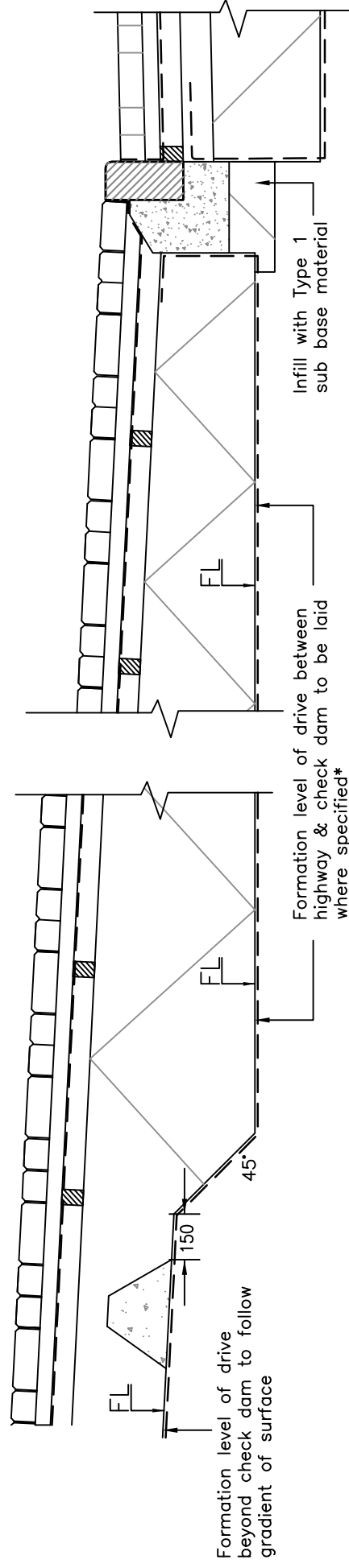
DEMARCATON (dm)

Scale 1/10

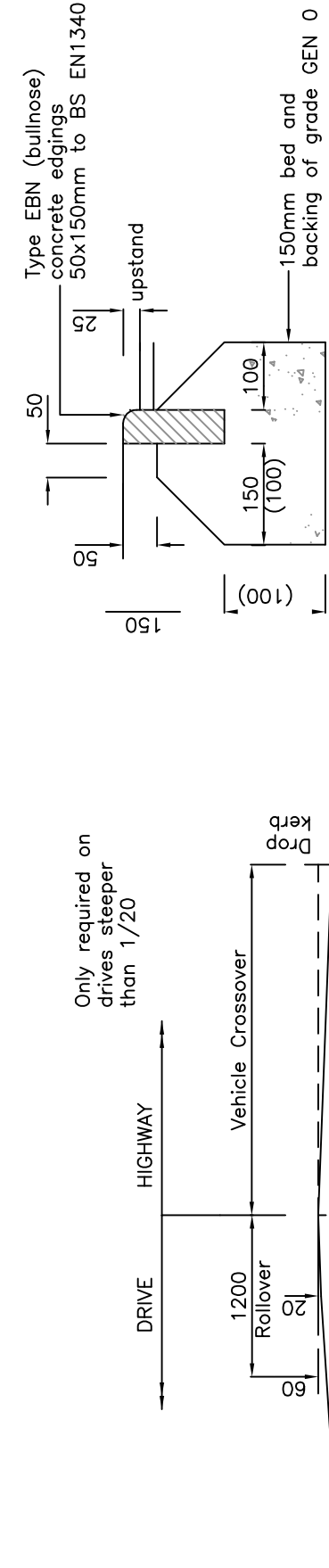


CHECK DAM IN PERMEABLE DRIVE

Scale 1/10

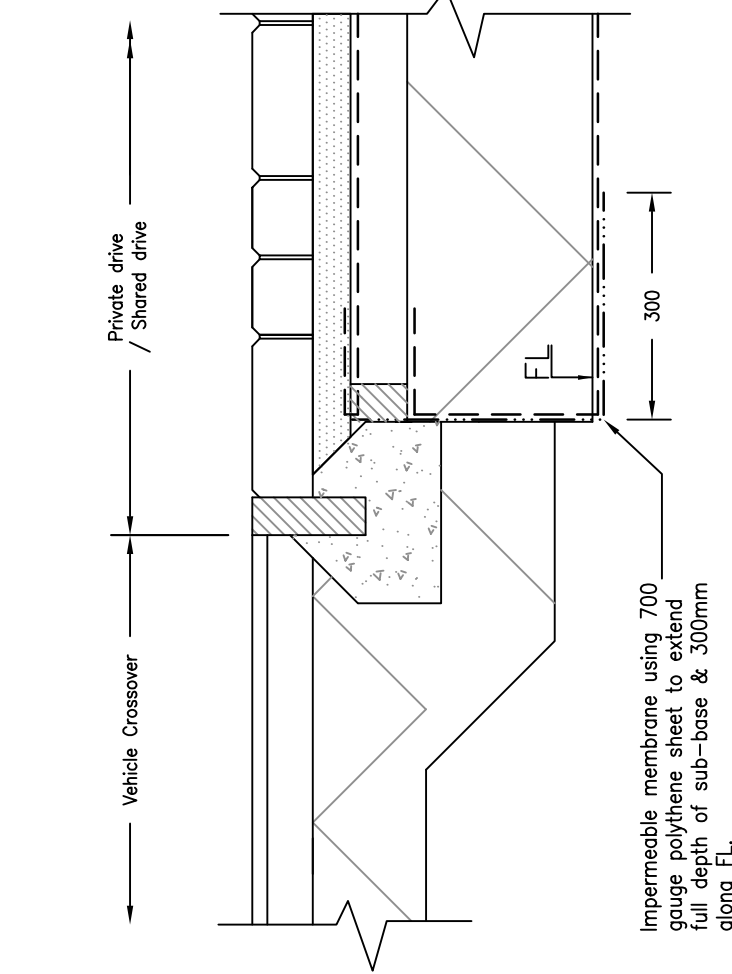


STEPPED FORMATION IN PERMEABLE DRIVE



ROLLOVER DETAIL

Scale 1/50



EDGE RESTRAINT AT VEHICLE CROSSOVERS.

Scale 1/10

(Similar arrangement when drive abuts grage / house & service margin).

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 conditions, the F.L. shall be protected by a protective layer then the F.L. shall be reduced to a new level 200mm below the F.L. stated, or to a depth agreed with the Engineer. The F.L. shall be protected by a protective layer then the F.L. shall be reduced to a new level 200mm below the F.L. stated, or to a depth agreed with the Engineer.
- Additional material required to make up levels in fill areas shall be of a well compacted free draining granular material (no clay content) with a minimum of 95% greater than the sub-base material. The material shall be compacted to a minimum of 95% relative compaction. The material shall be compacted to a minimum of 95% relative compaction. The material shall be compacted to a minimum of 95% relative compaction.
- CBR tests shall be taken once 2, above has been completed. The CBR tests shall be taken once 2, above has been completed. The CBR tests shall be taken once 2, above has been completed.
- All drive construction materials shall be laid and compacted in accordance with their respective specifications. The materials shall be laid and compacted in accordance with their respective specifications. The materials shall be laid and compacted in accordance with their respective specifications.
- Samples of Laying Course & sub-base material shall be made available to the Engineer for testing. The samples shall be made available to the Engineer for testing. The samples shall be made available to the Engineer for testing.
- Where Site Strategy Plan requires parking courts, to be constructed, the materials shall be provided in a base layer (roadbase) shall be provided 90mm thick.

Grading & material certificates to be forwarded to BH Engineer for approval.

Rev	Date	Details	By
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Drainage Authority Approval Date

Highway Authority Approval Date

Do not scale from this drawing. Use written dimensions only. When shown relationship between dimensions, the dimension with the greatest number of significant figures shall govern. The dimension with the least number of significant figures shall govern. The dimension with the least number of significant figures shall govern.

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SITE
HAMPTON PARK
LITTLEHAMPTON, WEST SUSSEX

DRAWING TITLE
PRIVATE DRIVE DETAILS
PLOTS 1-5 ONLY

DRAWN BY	SY	DATE	JUL 2016	DRAWING NO.	REV
SCALE:	AS SHOWN	CHECKED/DATE		LITL-506/2	