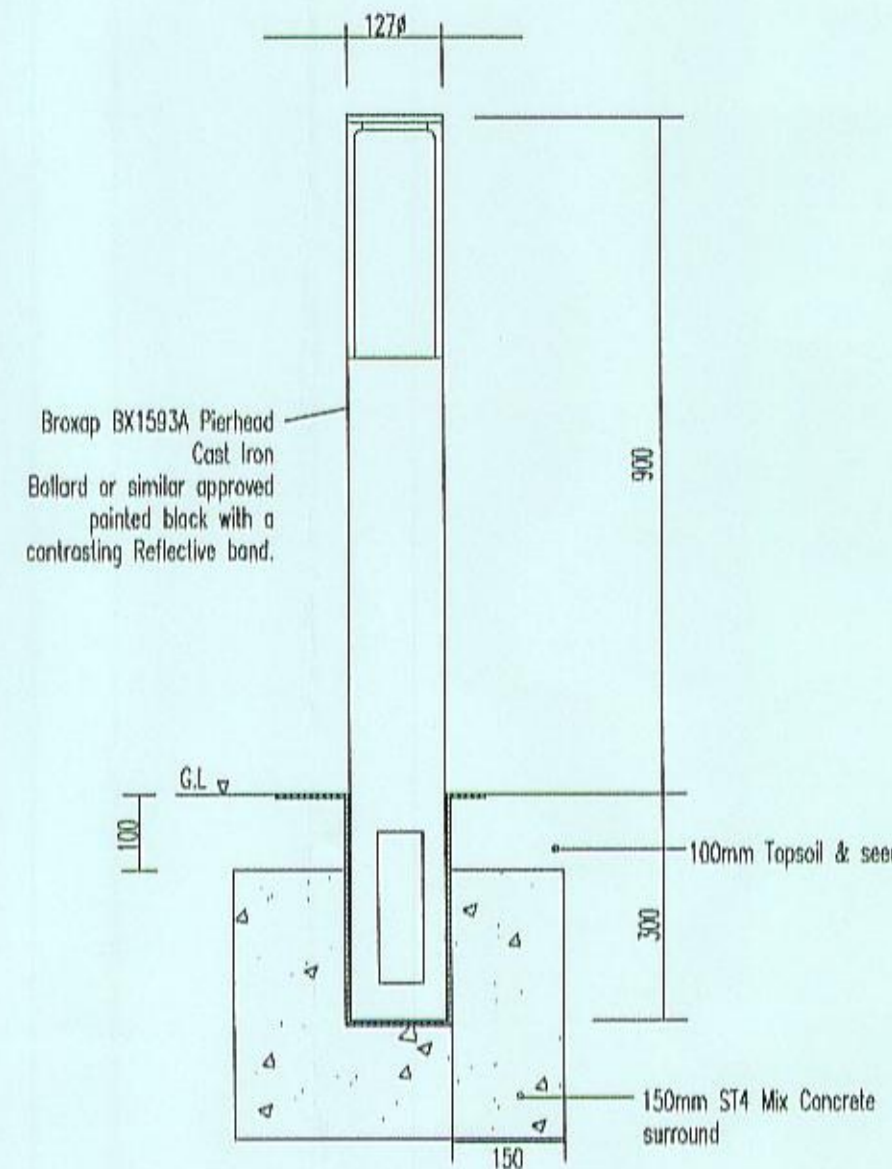


- NOTES**
1. DESIRABLE MIN SLOPE OF GULLY OUTFALL TO BE 1 IN 60
  2. GULLY CONNECTIONS TO BE PROVIDED WITH CONCRETE BED AND SURROUND TO 1.2M DEPTH BELOW GROUND LEVEL AT THE TIME OF INSTALLATION
  3. EXCAVATIONS AROUND GULLIES TO BE BACKFILLED WITH TYPE 2 MATERIAL AS DESCRIBED IN TABLE 9f AND COMPACTED IN COMPLIANCE WITH CLAUSE 6.12 WHERE MECHANICAL COMPACTION IS IMPRACTICABLE. THE EXCAVATION IS TO BE BACKFILLED WITH GRADE ST2 CONCRETE

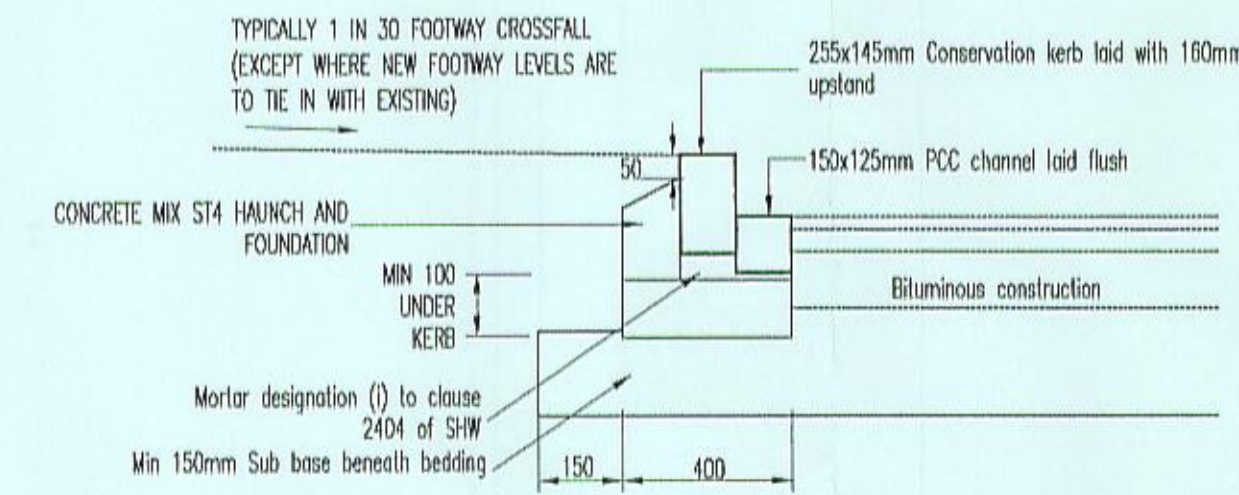
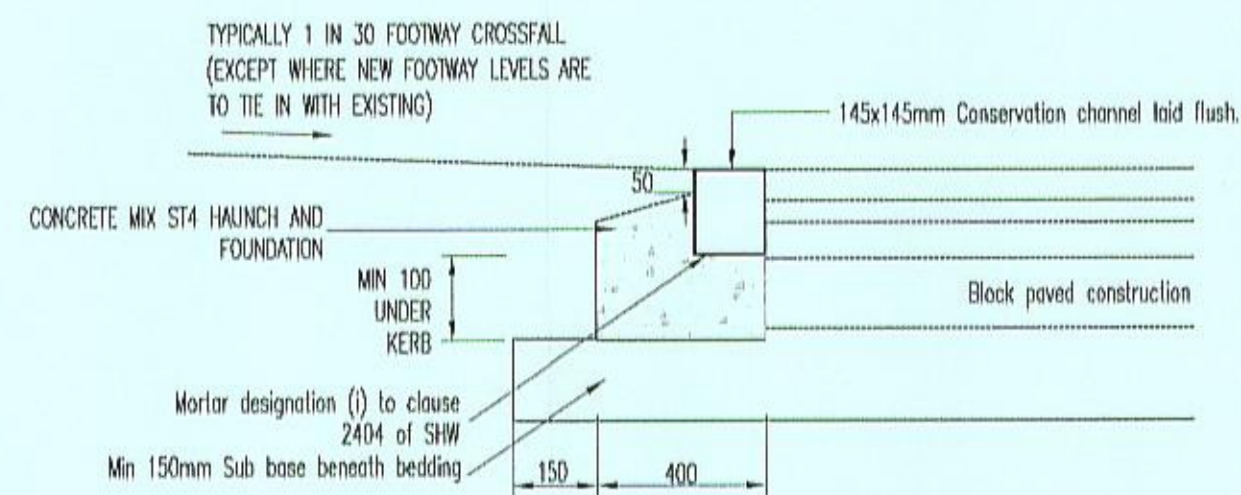
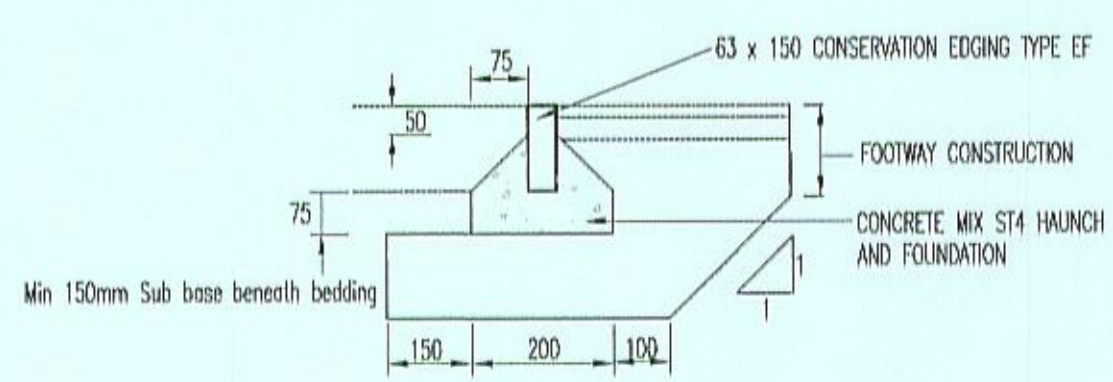
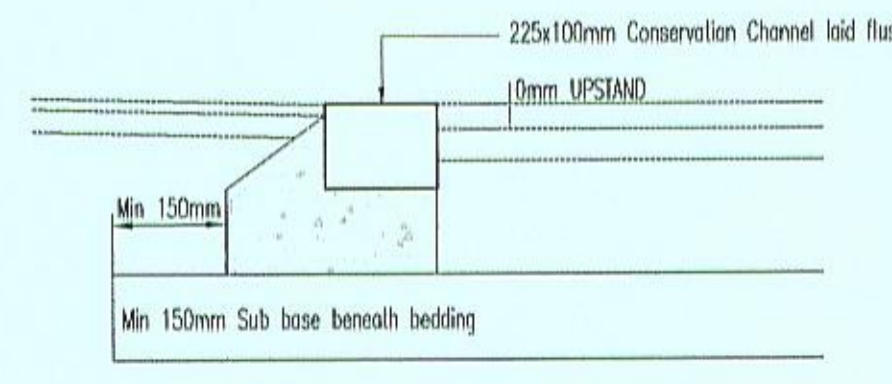
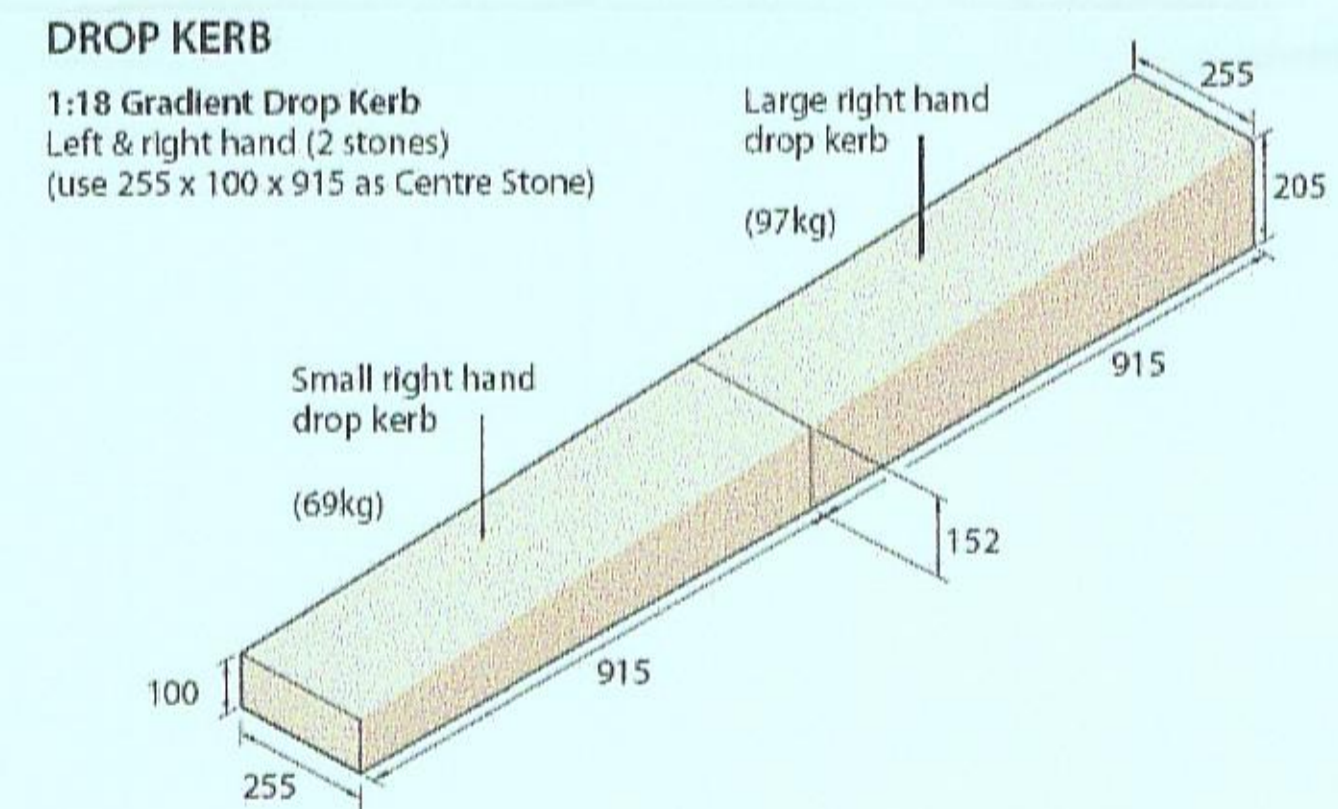
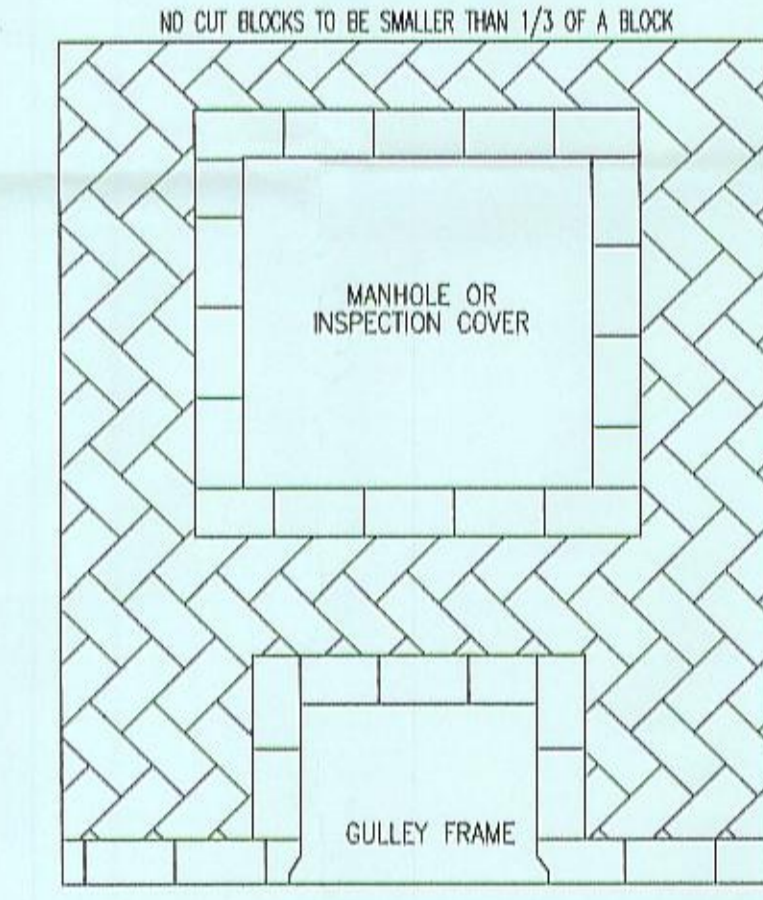
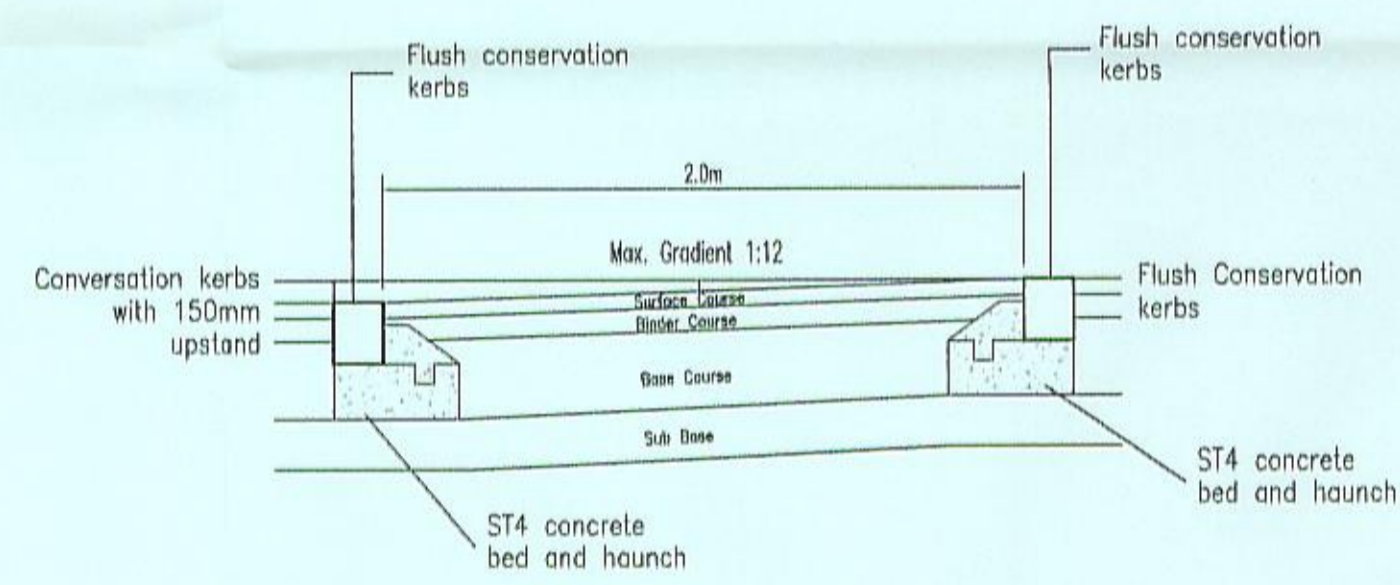
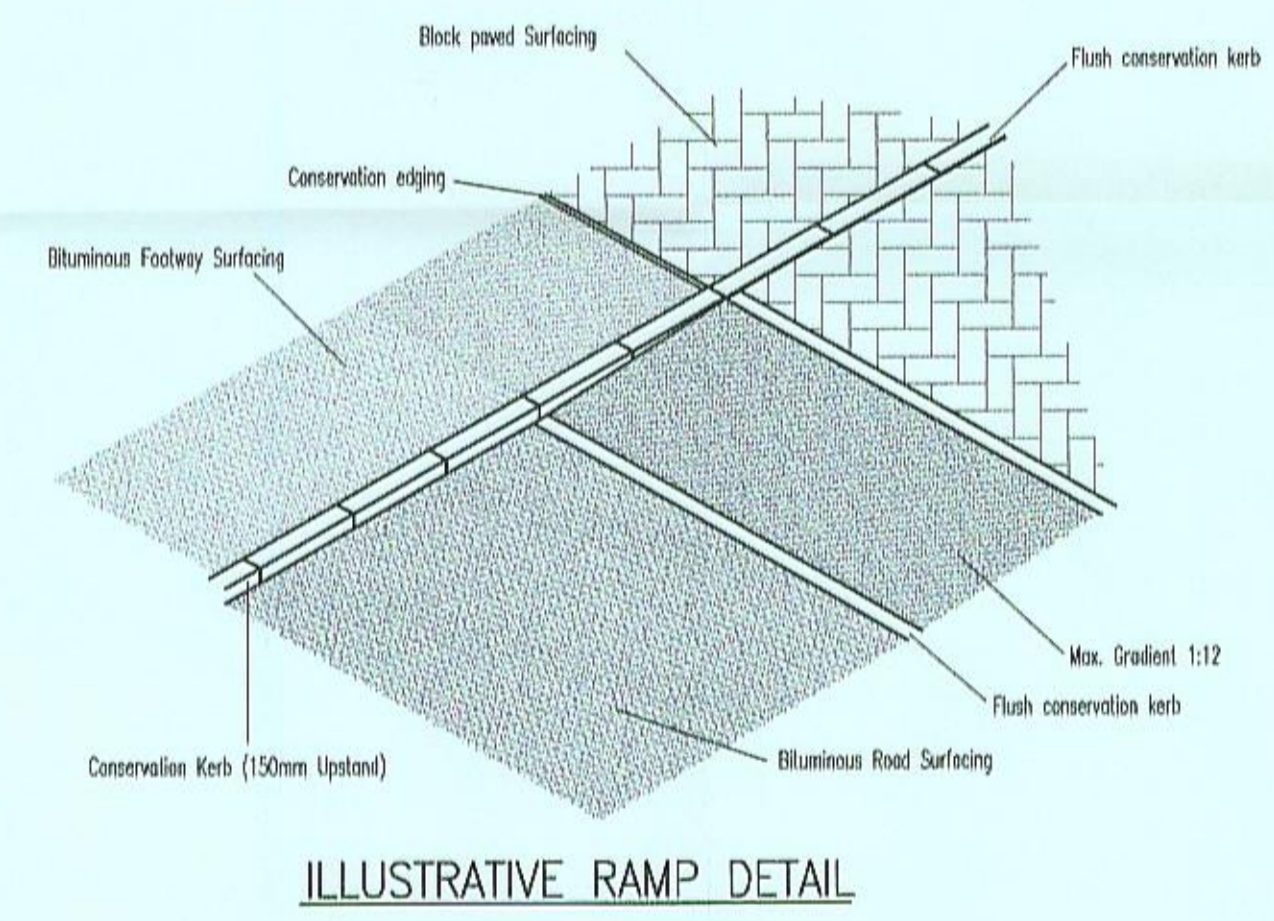
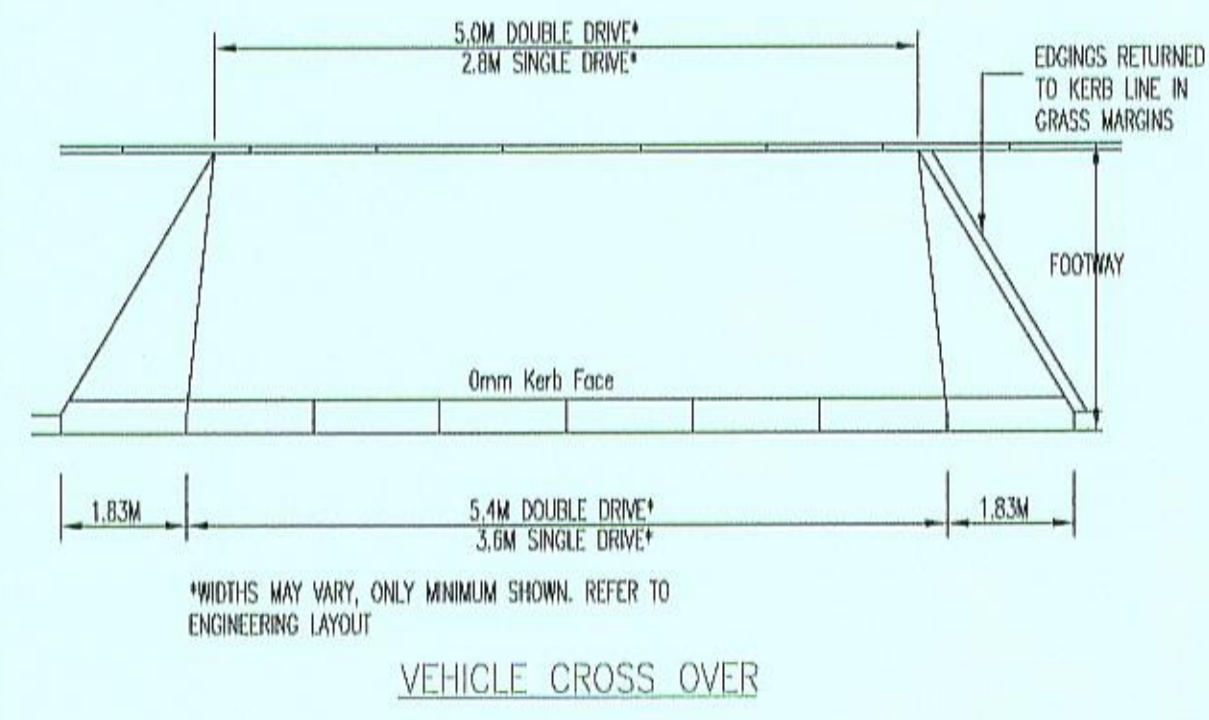


- Notes**
1. All levels relate to Ordnance Datum.
  2. For adaptable roads and sewer details refer to drawings S\_580 series.
  3. All connections to adaptable manholes from private building drainage to be 150mm diameter pipes unless otherwise specified.
  4. All house drainage to be 100mm dia unless otherwise stated, and laid in accordance with current Building Regulations and BS5201 : 1995.
  5. All drainage products are to be Polypropylene.
  6. Pipe bedding material is to be Class B with 150mm minimum thickness surround.
  7. Backfill is to be with selected fill free of stones larger than 40mm, large at clay over 100mm, timber, broken material and vegetable matter.
  8. Pipe protection of house drainage runs is required in accordance with the Typical House Drainage Details drawing. The contractor shall satisfy themselves and agree with the Site Management the actual extent of pipe protection required.
  9. Pipes entering and leaving manholes/inspection chambers shall include a rocker pipe, 600mm in length.
  10. Blockwork to chambers shall be Class B Engineering to BS5921.
  11. Rainwater pipes are to be laid on side elevations whenever possible.
- Drainage**
11. All retaining walls with a height of 600mm or greater are to include 1.2m high post and rail fencing unless located in rear gardens. Similar retaining walls in rear gardens are to include 900mm height picket fence.
  12. All flights of steps to primary level access, with more than 2 steps are to be provided with handrails, except where the steps are 900mm or more apart.
  13. Brick retaining walls are to be used in preference to gravel bands for front garden areas.

MARSHALLS ARE TO BE CONSULTED THROUGHOUT THE CONSTRUCTION OF THE POROUS PAVING SYSTEMS TO ENSURE COMPLIANCE WITH THEIR STANDARDS. THE CONTRACTOR'S ATTENTION IS DRAWN TO THE REQUIREMENT FOR THE POROUS PAVEMENT FORMATION TO FALL TOWARDS THE OUTFALL.

INFILTRATION POROUS PAVING SYSTEM - TO BE UNDERLAIN WITH A PERMEABLE MEMBRANE (TERRAM 1000 OR SIMILAR APPROVED)

UNTIL TECHNICAL APPROVAL HAS BEEN OBTAINED FROM THE RELEVANT LOCAL AUTHORITIES, IT SHOULD BE UNDERSTOOD THAT ALL DRAWINGS ARE ISSUED AS PRELIMINARY AND NOT FOR CONSTRUCTION. SHOULD THE CONTRACTOR COMMENCE SITE WORK PRIOR TO APPROVAL BEING GIVEN, IT IS ENTIRELY AT HIS OWN RISK.



Rev	Date	Details	By

Drainage Authority Approval Date \_\_\_\_\_  
Highway Authority Approval Date \_\_\_\_\_

Do not scale from this drawing. Use written dimensions only. When shown relationships between slab levels and ground levels are to be checked on site. Any discrepancy or suggested modification to be reported to Design and Engineering Director.  
Note: This drawing is the copyright of Bovis Homes Ltd.

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DRAWING TITLE: **TYPICAL HIGHWAY DETAILS**

DRAWN BY: RM	DATE: 02.09.14	DRAWING NO.:	REV:
SCALE: NTS	CHECKED/DATE: RH	BICE_5_970	-