



KEY PLAN

ALL DRIVEWAYS TO BE CONSTRUCTED WITH A FILTER DRAIN

- Notes**
1. All connections below adopted highway to be backfilled with Type 1 and compacted in layers not exceeding 150mm.
 2. Highway Authority to be contacted as soon as Contractor is in site to enable early discussions with the Civil Engineer.
 3. **General Drainage**
 4. Manholes to be installed in non-raised areas to be laid out in line with the adopted drainage.
 5. **Adopted Drainage**
 6. Position and levels of existing manholes and sewers are to be checked on site as soon as possible and preferably before site excavation commences.
 7. The sewer connection is to be carried out by an MME, Approved Contractor.
 8. This drawing is to be read in conjunction with the drainage details drawings.
 9. For proposed adopted drainage pipes with less than 900mm cover in areas not adopted to vehicle loading and less than 1000mm in vehicle loading areas to be concrete protected.
 10. Adopted drainage is to comply with Sewers for Adoption 0th Edition.
 11. Pipe surveys to be granular type 'V' unless noted otherwise.
 12. **Surface Drainage**
 13. Surface drainage is to comply with all statutory requirements and cover with BS EN 752 and Building Regulations Approved Document H.
 14. Pipe bedding should granular unless noted otherwise and the granular material to be to BS882 P1.2 and to Building Regulations Part 1.
 15. Pipe sizes to be 100mm U.S.A.
 16. For drainage pipes to be cast in concrete to have render pipes other side of concrete.

- Legend**
- Highway gully and 150mmØ lead connection of lead to carrier pipe to be at 45° in the direction of surface water flow, where possible.**
- Surface Water Drainage**
- Adopted manhole - Concrete Ring (see manhole schedule for further detail).
 - Adopted surface water sewer.
 - Private PVC-U 100mm (unless noted otherwise) drainage pipe.
 - Connection chamber, 475mmØ Non man entry.
 - Inspection chamber, 475mmØ Non man entry.
 - Rodding Eye.
 - 300 wide x 600 Cy filter drain.
 - ACO channel with headkuts grate (B125) and sump.
 - Yard gully by Hegworth or similar (B125 grate).
- Foul Drainage**
- Adopted Manhole - Concrete Ring.
 - Adopted foul water sewer.
 - Private PVC-U 100mm (unless noted otherwise) drainage pipe.
 - Connection chamber, 475mmØ Non man entry.
 - Inspection chamber, 475mmØ Non man entry.
 - Inspection chamber, 300mmØ Non man entry.
- Existing Drainage**
- Existing Manhole.
 - Existing sewer.