



- Highways**
- All excavations below adopted highways to be backfilled with Type 1 and compacted in layers not exceeding 150mm.
  - Highway Authority to be contacted as soon as Contractor is on site to enable early discussions with the Clerk of Works.
- General Drainage**
- Manholes/spectacles/chamber covers in trafficked areas to be having type T400 and S15 in non-trafficated areas.
  - All gullies to be trapped as shown on the details drawings.
  - Position and levels of existing manholes and sewers are to be located on site as soon as possible and preferably before site activities commence.
  - The sewer connection is to be carried out by an HMTI Approved Contractor.
  - This drawing is to be read in conjunction with the drainage details drawings.
  - For proposed adopted drainage pipes with less than 100mm cover it is to be adopted to vehicular loading and less than 100mm in vehicular loading areas to be concrete protected.
  - Accepted changes to be made to the drawings.
  - Pipe material to be granular type V unless noted otherwise.
  - Private drainage is to comply with all statutory requirements and in accordance with BS EN 752 and Building Regulations Approved Document H.
  - Pipe bedding around granular unless noted otherwise and the granular covered to be to BS EN 752 and Building Regulations Part 4.
  - Pipe sizes to be 100mm in o.d.
  - For drainage pipes to be cast in concrete to have noder pipes either side of concrete.
- Layout Key**
- Highway gully and 100mm Ø road 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
- Foul Drainage**
- Adopted Manhole - Concrete Ring
  - Adopted foul water sewer
- Existing Drainage**
- Existing Manhole
  - Existing sewer
- External Notes**
- <1000 - Proposed external level
  - >1000.00m - Existing level
  - 13.60 - Proposed finished floor level
  - RET 100 - Proposed retaining wall with retained height
  - Exposed brickwork
  - Tanking/Double DPC
  - Flag on edge up to 450mm high
  - Proposed steps
  - Proposed batter
- KEY PLAN**