



- Habitats**
- 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.
 - Manhole/inspection chamber covers in trafficked areas to be leading Type D400 and B125 in non-trafficked areas.
 - All gullies to be trapped as shown on the details drawings.
 - Adopted Drainage
 - Position and levels of existing manholes and sewers are to be checked on site as soon as possible and preferably before site earthwork commences.
 - Any excavation is to be carried out by an MNL Approved Contractor.
 - This drawing is to be read in conjunction with the drainage details drawings.
 - For proposed adopted drainage pipes with less than 900mm cover in areas not subjected to vehicular loading and less than 1200mm in vehicular loading areas to be concrete protected.
 - Adopted drainage is to comply with Sewers for Adoption 6th Edition.
 - Pipe surround to be granular type 3 unless noted otherwise.
 - Private Drainage
 - Private drainage is to comply with all statutory requirements and accord with BS EN 752 and Building Regulations Approved Part H.
 - Private drainage should granular unless noted otherwise and the granular material to be to BS8627:2 and to Building Regulations Part H.
 - Pipe sizes to be 100mm u.n.o.
 - For drainage pipes to be cast in concrete to have no kerf pipes either side of concrete.

- Layout Key**
- Road and 150mm gully lead connection of lead to carrier pipe to be at 4° in the direction of surface water flow, where possible).
 - Proposed Finished Floor Level
 - Proposed road fall direction

- Surface Water Drainage**
- 80/00 - Rodding eye
 - 80/00 - Inspection chamber, 475mmØ, Non man entry (>1.2m)
 - 80/00 - Manhole - Concrete Ring (see manhole schedule for further detail).
 - Private PVC-U 100mm (unless noted otherwise) drainage pipe.
 - Adopted drainage pipe
 - Drainage channel with sunngully, for light vehicle loading with nosing/d.

- Foul Drainage**
- 80/00 - Shallow inspection chamber - 600mm to invert level, 300mmØ.
 - 80/00 - Inspection chamber, 475mmØ, Non man entry (>1.2m)
 - Manhole - Concrete Ring (see manhole schedule for further detail).
 - Private PVC-U 100mm (unless noted otherwise) drainage pipe.
 - Adopted solid wall PVC-U (BS EN 1401)

Issue	Date	Description	By	Checked/Approved
P3	02/09/15	Part 1/2 amended.	RH	PL
P2	12/08/15	Outfall detail added.	RH	PL
P1	31/03/15	Initial issue	RH	PL



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Client: **MR A HICKEY**

Job Title: **NORTH ROAD BOLDON**

Drawing Title: **PROPOSED DRAINAGE LAYOUT**

Scale at A1: 1:250

Drawing Status: **Preliminary**

Job No: 1513
 Drawing No: 01
 Issue: P3