# Method Statement for Drainage Installation

## Objective
Installation and connection of:
New drainage pipes to an existing system and foul manholes.

## Location
example

## Start date
example

## Duration of project
example

### Welfare facilities
- Site cabin
- Drinking water
- Portaloo x 1
- Sinks x 2
- Canteen
- Fan heater

### Control measures
- Banksmen present throughout the works.
- No unauthorised persons allowed on site during excavations.
- Excavations are inspected before, during, after works, also after inclement weather.
- The excavations are fenced off at the end of the working day.
- Excavated spoil is kept a minimum of 1.5 m away from the excavation.
- Warning signage is posted at all times.
- Personal Protective Equipment (PPE) is to be worn at all times.

### Training required
- Site induction
- Toolbox Talk
- Task briefing
- Formal training

### Accident prevention

### Relevant Risk Assessments
- SHE/RA/18/2016 – Excavation Works
- SHE/RA/44/2016 – Plant and Machinery
- SHE/RA/56/2016 – Vehicle Access & Egress
- SHE/RA/27/2016 – Use of Hand Tools

### Hazardous Substances

### Relevant COSHH Assessments

### Personal Protective Equipment (PPE) Requirements
### Plant & machinery
- 13 Tonne tracked excavator
- 3 Tonne forward tipping dumper

### Tools & equipment
- Cable Avoidance Tool (CAT).
- Drag box and manhole box
- Surveying equipment
- Pipe laser
- Shovel
- Pick
- Fabric measuring tape

### Emergency phone numbers
- Local Hospital
- Gas / Electric / Water
- Site Manager
- SHE Coordinator

### Procedures
- The new drain positions will be set out by a competent person.
- Using the CAT – ensure that there are no existing services in the area and confirm with previous as-built drawings if any are available.
- Levels of existing connection points are to be confirmed (if required).
- A trench will be excavated along the line of the new pipe. Ensure level integrity by using the pipe laser or a manual level.
- Ensure the maximum depth is 1m and the width is 600mm.
- Ensure a base of sand is in place prior to the installation of the pipes.
- Enter into the excavation only whilst connecting the pipes.
- Pipes will be installed as per the design specification e.g. Sand base, concrete surround, back fill with the excavated material.
- Air testing will be carried out prior to back-filling to ensure the pipes are installed correctly and sealed in accordance with the manufacturer’s guidelines.
- New manholes will be constructed where required and steps taken to avoid disruption of existing flows.
- Record as-built information including locations and invert/cover levels.

This method statement is to be read in conjunction with the relevant Risk Assessments and explained to all team members attending site - before work commences.

Any variations to this method statement must be authorised by the responsible person.

**Signatures for verification that this method statement has been explained to all.**

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<tr>
<th>Supervisor(s)</th>
<th>Signature(s)</th>
<th>CSCS card details</th>
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**Execution Team - Names:**

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